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DEPARTMENT OF  
WATER RESOURCES

**SUEZ WATER IDAHO INC.**

**MASTER WATER PLAN  
FOR THE YEARS 2015 TO 2065**

Approved and Adopted:



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Gregory P. Wyatt  
Vice President and General Manager  
Suez Water Idaho, Inc.

September 23, 2016

Note: The *Master Water Plan* and its Exhibits and Appendix have been printed with spare pages added as necessary to facilitate double-side printing.

Errata: Subsequent to its approval by Suez on September 23, 2016, the following minor corrections to the *Master Water Plan* were made on April 28, 2017. The Church Forecast in Section V was not affected by these edits.

- On two occasions, the misspelled acronym “MMD” was corrected to read “MDD.”
- The numbers in Forecast Table 7 of the Gap Analysis and its explanation on the preceding page were corrected to match the numbers presented in the rest of the Gap Analysis discussion.
- The word “spreadsheet” was stricken on page 37 of the Gap Analysis so that the sentence reads: “For purposes of the Gap Analysis spreadsheet, . . . .”
- The word “Example” was added to the heading of Forecast Table 8 of the Gap Analysis to emphasize that it is not a summary table, but only an example based on three Suez water rights.
- Footnote 34 on page 41 of the Gap Analysis was revised to fix an incorrectly transcribed number from the Church spreadsheet (Appendix A) and to more clearly explain the conclusion.
- The label on the Pink Line Map in Exhibit 1 was corrected.
- Erroneous references to Appendix C were corrected to read Exhibit 2.
- A more legible version of Exhibit 2 (portfolio of all Suez water permits, rights and other entitlements) has been substituted. It identifies non-IMAP rights with yellow highlighting.
- Exhibit 2 was modified to include an inadvertently omitted second point of diversion (for the Columbia Treatment Plant) for surface water permit No. 63-12055.
- Exhibit 2 was modified to add a column identifying the post-transfer PODs.
- The labels to the sixth and ninth columns of Exhibit 2 were modified to more clearly explain the contents of the columns.
- An explanatory email from Phillip J. Rassier dated April 11, 2017 was inserted following his report in Exhibit 9.

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## I. DEFINITIONS, SHORTHAND, AND ACRONYMS

1996 Act refers to the Municipal Water Rights Act of 1996, 1996 Sess. Laws ch. 297, as amended, which codified the growing communities doctrine and established substantive and procedural requirements for municipal water providers to obtain water rights for RAFN.

AF refers to acre-feet.

The Church Econometric Model (“CEM”) is the model developed by Prof. Church to forecast population, number of households, and non-agricultural employment within Ada County over the next 50 years.

The Church Forecast is the forecast of RAFN and other water production components set out in section V of this *Master Water Plan*.

cfs refers to cubic feet per second, a measure of water flow.

COMPASS is an acronym for the Community Planning Association of Southwest Idaho. COMPASS serves as the metropolitan planning organization for Ada and Canyon Counties, Idaho.

Demand. The terms “demand” and “production” are used interchangeably in this *Master Water Plan*. Both refer to the quantity of water that must be produced in a given timeframe to meet a specified type of use or all system-wide needs, as the context provides.<sup>1</sup>

Gap Analysis refers to an analysis of the difference (or gap) between the size of Suez’s current portfolio of water rights and its RAFN. See *RAFN Guidance*, p. 16. Suez’s Gap Analysis is set out in section VI beginning on page 35.

IMAP is an acronym for Suez’s Integrated Municipal Application Package. The IMAP is a collection of transfer applications submitted by Suez in 2002 for the purpose of obtaining alternative points of diversion and establishing its existing water rights as RAFN water rights. The IMAP does not seek any new or enlarged water rights. The IMAP proceeding was stayed in 2003 pending the processing of Suez’s claims in the Snake River Basin Adjudication (“SRBA”). The SRBA decreed Suez’s claims in 2009, and the IMAP stay was lifted in 2012. The IMAP is still pending before the Department. The Church Forecast supports the IMAP as well as this *Master Water Plan*.

IDWR or the Department refers to the Idaho Department of Water Resources.

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<sup>1</sup> Suez generally uses the term “demand” in the context of sales to paying customers, but it may also be used in the context of total billed and non-billed water requirements. On the other hand, the term “production” is more typically used in the context of either non-billed water uses or combined billed and non-billed uses. For example, the Department uses the term Maximum Day Demand (“MDD”) to encompass total system-wide production on the peak day. Likewise, the Department’s definition of Peak Hourly Demand (“PHD”) speaks in terms of diversion records, encompassing both billed and non-billed uses. *RAFN Guidance*, p. 14.

Master Water Plan refers to this document, *Master Water Plan for the Years 2015 to 2065*.

MDD is an acronym for Maximum Day Demand. This is sometimes referred to as peak day production. Both refer to the quantity of water produced by a municipal provider for both billed and non-billed uses on the peak day of the peak month in a year. See *RAFN Guidance*, p. 14.

MMAD is an acronym for Maximum Month Average Daily Demand. It refers to the quantity of water produced by a municipal provider for both billed and non-billed uses on an average day of the peak month of a year. In other words, it is peak month demand divided by the number of days in the month. See *RAFN Guidance*, p. 14.

NPI is an acronym for non-potable irrigation water. This is untreated surface water provided by irrigation districts and other entities (but not by the municipal provider) to irrigate lawns, parks, and the like within a municipal provider's service area. The availability of NPI water reduces customer demand for water provided by a municipal provider.

Planning Area refers to Suez's anticipated future service area<sup>2</sup> that qualifies for RAFN quantification at the end of the Planning Horizon. References to Suez's Planning Area are capitalized. The *RAFN Guidance* does not employ the term "planning area" but refers instead to the "RAFN service area," which is the same thing.

Peak day production is the same as MDD.

PHD is an acronym for peak hourly demand. This is the quantity of water required to serve all needs during the peak hour of the peak day of the peak month.

PID is an acronym for peak instantaneous demand. This is the highest demand for water (which might last just a few minutes) during the peak hour of the peak day of the peak month.

Planning Horizon refers to the duration of the forecast of future water demand. The 1996 Act defines "planning horizon" as "the length of time that the department determines is reasonable for a municipal provider to hold water rights to meet reasonably anticipated future needs. The length of the planning horizon may vary according to the needs of the particular municipal provider." Idaho Code § 42-202B(7). Suez has adopted a 50-year Planning Horizon for water supply purposes. References to Suez's Planning Horizon are capitalized.

Production. The terms "demand" and "production" are more-or-less interchangeable. Both refer to the quantity of water that must be produced in a given timeframe to meet a specified type of

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<sup>2</sup> The 1996 Act defines "service area" as "that area within which a municipal provider is or becomes entitled or obligated to provide water for municipal purposes. For a municipality, the service area shall correspond to its corporate limits, or other recognized boundaries, including changes therein after the permit or license is issued. The service area for a municipality may also include areas outside its corporate limits, or other recognized boundaries, that are within the municipality's established planning area if the constructed delivery system for the area shares a common water distribution system with lands located within the corporate limits. For a municipal provider that is not a municipality, the service area shall correspond to the area that it is authorized or obligated to serve, including changes therein after the permit or license is issued." Idaho Code § 42-202B(9).

use or all system-wide needs, as the context provides. See further discussion in footnote 1 at page 1.

RAFN is an acronym for Reasonably Anticipated Future Needs. It refers to the anticipated total production requirements of Suez to meet demand within its Planning Area at the end of the Planning Horizon. This includes both billed water supplied to meet customer demand and other non-billed system requirements. RAFN is defined by the 1996 Act at Idaho Code § 42-202B(8).

RAFN *Guidance* refers to a guidance document revised and re-issued by IDWR in 2015: Mat Weaver (IDWR Deputy Director), *Recommendations for the Processing of Reasonable Anticipated Future Needs (RAF*N) *Municipal Water Rights at the Time of Application, Licensing, and Transfer* (Application Processing No. 74, Permit Processing No. 20, License Processing No. 13, Transfer Processing No. 29) (revised Mar. 16, 2015).

Suez refers to Suez Water Idaho Inc., which was formerly known as United Water Idaho Inc. The IMAP was filed by United Water Idaho Inc. In 2015, United Water Idaho Inc. and its parent company, United Water, were rebranded to reflect the longstanding ownership of United Water by Suez Environnement (an international company).

TAZ refers to the Traffic Analysis Zones developed by COMPASS, which divide Ada and Canyon County into hundreds of smaller geographic areas.

## II. INTRODUCTION

This *Master Water Plan* quantifies the total projected peak municipal water demand (including total annual volume and MMAD for billed customer demand and other non-billed production) over 50 years, from 2015 through 2065, within Suez's Planning Area. In other words, it quantifies RAFN. The *Master Water Plan* also describes and quantifies the company's current portfolio of municipal water rights and other entitlements, and compares that portfolio with its RAFN (*i.e.*, a Gap Analysis). The *Master Water Plan* provides information useful to Suez for various planning purposes and also for the IMAP.

The signature of Gregory P. Wyatt, Suez's Vice President and General Manager, on this *Master Water Plan* indicates that it has been approved and adopted by Suez. The plan was finally approved in September 2016.

Contributions to this *Master Water Plan* have been made by Suez staff, its legal counsel (Givens Pursley LLP), and its consultant (John C. Church of Idaho Economics, who is also a lecturer in the Department of Economics at Boise State University). Prof. Church guided and oversaw the preparation of section V of this *Master Water Plan* beginning on page 8 ("Church Forecast"). Prof. Church's affidavit is attached as Exhibit 3 at page 59. His resume is attached as Exhibit 4 at page 63.

The Church Forecast was also reviewed and approved by Don C. Reading, Consulting Economist, Ben Johnson Associates, Inc. Mr. Reading was previously engaged by IDWR to assist in preparation of the Department's guidance on RAFN water right applications. Mr. Reading was provided full access to Prof. Church's data. Mr. Reading and Prof. Church met on several occasions to facilitate Mr. Reading's analysis. Mr. Reading's evaluation and conclusions

regarding the *Master Water Plan*, and particularly Prof. Church's water demand projections, are contained in a separate document entitled *A Review of the Population and Water Demand Forecasts in Suez's 2015-2065 Master Water Plan*, dated July 8, 2016. A copy of this report (including his affidavit) is attached as Exhibit 5 at page 71. Mr. Reading's resume is attached as Exhibit 6 at page 105.

The water demand projections presented in this *Master Water Plan* were also reviewed by Dr. Christian Petrich of SPF Water Engineering, LLC. Dr. Petrich recently prepared a 50-year demand projection for the Treasure Valley commissioned by the Idaho Water Resource Board. Suez engaged Dr. Petrich to compare his results and methodology with those of the *Master Water Plan*. Dr. Petrich was provided full access to Prof. Church's data. Dr. Petrich and Prof. Church met on several occasions to facilitate Dr. Petrich's analysis. Dr. Petrich's evaluation and conclusions regarding the *Master Water Plan* are set out in a letter attached as Exhibit 7 at page 111. Dr. Petrich's resume is attached as Exhibit 8 at page 119.

The 50-year demand forecast in the *Master Water Plan* is not intended to be a static projection for the next five decades. Projections of that duration inherently require adjustment over time. Indeed, that is the nature of long-term planning—it is an ongoing process. Accordingly, it is anticipated that Suez will re-evaluate its long-term needs from time to time. Accordingly, Suez retained Phillip J. Rassier, formerly chief counsel to IDWR and now a legal consultant with Idaho Water Engineering, LLC. Suez asked Mr. Rassier to review and comment on the *Master Water Plan* and to opine on the authority of the Department to approve the 50-year RAFN projection with a reopener condition. Mr. Rassier's comments on an earlier draft of the *Master Water Plan* are reflected in the final version. Mr. Rassier's conclusions as to the reopener are set out in Exhibit 9 at page 127. His resume appears in Exhibit 10 at page 137.

This *Master Water Plan* is distinct from, but complements, Suez's *Master Facilities Plan*, which evaluates and describes the anticipated physical facilities that Suez will need to construct over the next 20 years. That is sufficient lead time to allow Suez to address engineering, financial, contracting, and regulatory issues necessary to make decisions and bring these facilities on line in a timely fashion.

In contrast, planning for water supply (water rights) requires a much longer planning horizon than facilities planning. Suez believes a 50-year planning period is prudent for water supply planning purposes. See discussion in section III (50-Year Planning Horizon) beginning on page 5.

This *Master Water Plan* includes projected quantities of water measured in both volume (acre-feet and gallons) and rate (measured in gallons per day and in cfs). Volume measurements (annual, monthly, and daily) are useful to Suez for a variety of planning purposes. For purposes of planning for water rights, however, the key factor is rate. Specifically, Suez's water right portfolio is designed to enable it to divert at the flow rate required to serve peak day production (also known as MDD). As discussed in section V.D(12) (Peak day production) at page 30, this is somewhat less than the instantaneous peak flow, which is met through system storage.

The methodology used in this *Master Water Plan* to project Suez's RAFN is similar to the one employed in support of Suez's *2001 Integrated Municipal Application Package* ("IMAP").

However, based on population and water production data collected over the past decade, Suez's projections have changed in the intervening years.

The following subsections describe the methodology for projecting Suez's RAFN through the year 2065 in this order:

- Establish Suez's 50-year Planning Horizon (section III).
- Delineate Suez's Planning Area (section IV).
- Forecast Suez's RAFN (section V).
- Provide a Gap Analysis comparing Suez's existing portfolio and its RAFN (section VI).

### **III. 50-YEAR PLANNING HORIZON**

Suez uses a 50-year planning period for water supply planning, which means this *Master Water Plan's* duration extends through 2065. A 50-year planning period is consistent with the 1996 Act, which authorizes the establishment of a "planning horizon" for each municipal provider. Idaho's statutes place no upper limit on the duration of a planning horizon.

Suez believes that increasing demands on the Treasure Valley's physical water supply mandate that a responsible water provider serving this growing community fully understand its anticipated water demand over at least 50 years. Failure to quantify that long-term demand and develop a strategy for securing a firm water supply to meet that long term demand would be inconsistent with Suez's statutory and constitutional obligation to serve all residents and entities within its service area. Accordingly, Suez has adopted a 50-year Planning Horizon for its water supply.

This duration corresponds to Suez's long-term needs and is consistent with other rapidly growing major urban centers in the West. For example, the City of Denver uses a 50-year planning period for water supply, as does the City of Eugene (Oregon) and the City of Tucson (Arizona).

Suez's goal, as reflected in this *Master Water Plan*, is to avoid overestimating or underestimating the amount of water rights it must hold to meet future demands. If Suez failed to acquire water rights to support continued growth trends, and found itself unable to adequately supply municipal water to Boise and the surrounding area, the entire valley would face dire consequences. Addressing the water supply challenge then, rather than now, would be far more difficult and would subject the community to huge costs.

### **IV. PLANNING AREA**

#### **A. Introduction**

For purposes of projecting its future water demand, Suez employs a "Planning Area," which is the delineation of its anticipated service area at the end of the 50-year Planning Horizon

(excluding any areas that do not meet the requirements of the 1996 Act<sup>3</sup>). Suez has undertaken such a delineation, based on its best estimate of those areas within Ada County reasonably assumed to be served by Suez in 2065.

The delineation of Suez's Planning Area is intended only for use in forecasting future water demand. All changes in Suez's actual service area, or "certificated area," are subject to regulatory approval by the Idaho Public Utilities Commission. The decision to include areas in Suez's Planning Area has no regulatory effect over whether it actually will serve those areas in the future and is not a commitment by Suez to seek to serve those areas. Likewise, the decision not to include an area in Suez's Planning Area does not preclude Suez from seeking to serve that area in the future. The point is that Suez delineated its Planning Area because some future service area must be assumed for purposes of projecting future water demands. The Planning Area is Suez's best effort to conservatively predict its service area in 2065.

Suez's Planning Area boundary is drawn conservatively so as not to overestimate its future water demands. Areas are excluded from the Planning Area where there is uncertainty about whether Suez will serve that area in the future.

The delineation of Suez's Planning Area is consistent with the 1996 Act's concept of "service area," which refers to the area within which a municipal provider "is or becomes entitled or obligated to provide water for municipal purposes." Idaho Code §42-202B(9). Idaho common law and the 1996 Act recognize that municipal providers' service areas are constantly changing and that such changes do not constitute a change in the place of use requiring a water right transfer. Unlike a service area, however, the Planning Area is not an element of a water right. It is simply a planning tool employed to quantify Suez's RAFN.

In connection with the IMAP, in 2012 Suez submitted to IDWR a Planning Area map known as the "2012 Pink Line Map" (because the Planning Area boundary is shown in a pink line).<sup>4</sup> A reduced-size copy of the 2012 Pink Line Map is attached as Exhibit 1 at page 43. In addition to the Planning Area boundary, the 2012 Pink Line Map also shows the locations of quarter sections containing Suez's existing wells.

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<sup>3</sup> The 1996 Act provides: "Reasonably anticipated future needs' refers to future uses of water by a municipal provider for municipal purposes within a service area which, on the basis of population and other planning data, are reasonably expected to be required within the planning horizon of each municipality within the service area not inconsistent with comprehensive land use plans approved by each municipality. Reasonably anticipated future needs shall not include uses of water within areas overlapped by conflicting comprehensive land use plans." Idaho Code § 42-202B(8) (emphasis added). Fortunately, the municipal governments in the Treasure Valley have established their areas of city impact so as not to overlap. Consequently, no areas that Suez anticipates serving are within areas overlapped by conflicting comprehensive land use plans.

<sup>4</sup> Early in the IMAP proceedings, Suez provided a map showing its Planning Area known as the "2002 Pink Line Map." This formed the basis of the IMAP's RAFN projections prior to the 2003 stay. Over the next decade, a number of events occurred that clarified where Suez likely will serve in the future. Accordingly, the revised 2012 Pink Line Map was submitted in the IMAP proceeding after the stay was lifted in 2012. The 2012 Pink Line Map also shows the 2002 Pink Line for comparison.

The 2012 Pink Line Map shows that Suez's Planning Area boundary largely corresponds with its existing certificated service area. Annexations by the Cities of Meridian, Eagle, and Kuna have resulted in a fairly well-defined common boundary between those municipalities and Suez's service area. As a result, Suez does not expect much change in its certificated service area in these areas over the next 50 years. The bulk of Suez's expected expansion outside of its existing certificated area will occur in north Ada County and south of Boise.

The reasoning behind the location of the 2012 Pink Line Map's Planning Area boundary is further described in the following subsections.

## **B. Discussion of specific areas within the Planning Area**

### **(1) Meridian and Eagle areas**

In the Meridian and Eagle vicinity, the western boundary of the Planning Area in the 2012 Pink Line Map precisely matches Suez's existing certificated boundary. Compared to the 2002 Pink Line Map, the biggest change in this area is the Planning Area extension north of Chinden Boulevard, which was not included within the 2002 Pink Line Map's Planning Area boundary.

### **(2) North Ada and Avimor areas**

Suez's certificated service area currently includes the Avimor development in north Ada County. Suez's Planning Area boundary in the 2012 Pink Line Map extends roughly a mile northwest of the current certificated boundary near Avimor, along the Ada County border. It then travels due south until it reaches State Highway 55 near Shadow Valley Golf Course, after which it follows Highway 55 to the south for about a mile until it reaches the City of Eagle's Area of City Impact. The Planning Area boundary then follows Boise's Area of City Impact boundary south until it intersects Suez's current certificated area boundary at Hill Road. Suez expects to serve the proposed Dry Creek Master Planned Community located east of Highway 55 between the Highway and Hidden Springs.

### **(3) Garden City area**

The 2012 Pink Line Map's Planning Area boundary follows the existing Suez certificated area boundary and the Garden City area of impact.

### **(4) Eastern boundary along foothills**

Going southeast from the Avimor area, the 2012 Pink Line Map's Planning Area boundary follows Suez's current certificated service area boundary until it intersects the City of Boise's Area of City Impact boundary near the Hidden Springs community. To capture Boise City's future potential growth, it then follows the Area of City Impact boundary southeast along the foothills all the way until it reaches Columbia Road south of the Boise River in southeast Boise.

### **(5) Area south of Boise**

At Columbia Road in southeast Boise, the 2012 Pink Line Map's Planning Area boundary turns east for one mile, then heads due south for four miles, turns east again for a mile then south for

another two miles until it heads west to form the southern boundary of the proposed Planning Area. The southern boundary is extended three miles south of Suez's existing certificated service area to capture expected growth in this area over the next 50 years.

#### **(6) City of Kuna and western boundary area**

Where the southern boundary of the 2012 Pink Line Map's Planning Area approaches the City of Kuna, it turns north one mile east of the City's current annexations. After traveling three miles north, the boundary intersects Suez's current certificated service area western boundary all the way through and around the Cities of Meridian, Eagle, and Garden City, as described above. In other words, aside from the area extending three miles south of its existing certificated service area east of Kuna, Suez's Planning Area boundary is identical to its current certificated service area along its western boundary.

### **V. THE CHURCH FORECAST: QUANTIFYING SUEZ'S REASONABLY ANTICIPATED FUTURE NEEDS DURING THE PLANNING HORIZON**

#### **A. Introduction**

As noted above, Suez engaged Prof. Church to forecast Suez's RAFN during the Planning Horizon. This section of the *Master Water Plan* is a detailed explanation of Prof. Church's forecast (the "Church Forecast").

The Church Forecast serves multiple purposes. One objective is to predict the peak day production (aka MDD) that will be required to meet both customer demand and non-billed production within the Planning Area at the end of the Planning Horizon. This RAFN quantification, together with a Gap Analysis, will be provided in support of Suez's pending IMAP. This forecast is an update of an earlier forecast provided at the time the IMAP was first submitted over a decade ago.

In addition, the Church Forecast will serve internal company planning purposes in connection with infrastructure and other investment decisions. For this reason, the Church Forecast contains other detailed information (for example, annual production estimates by various water use categories) that were not used to derive the MDD forecast.

Detailed spreadsheets displaying data and regression results used in the Church Forecast are set out in Appendix A to this *Master Water Plan*.

Projected water production over the course of the Planning Horizon measures all water that Suez will be required to produce (*i.e.*, divert). This includes both billed production (*i.e.*, customer demand) and non-billed production.

"Billed production" (aka "total sales") refers to water that is provided to Suez's customers as reflected in the company's bi-monthly billing records. This includes four components based on class of customer:

- residential sales
- commercial sales
- public authority sales<sup>5</sup>
- “other” sales<sup>6</sup>

The great bulk of Suez’s water production serves the first two sales categories (residential and commercial customers). For example, in 2015, residential and commercial customer demand accounted for over 99 percent of total sales<sup>7</sup> and nearly 95 percent of all water produced.<sup>8</sup> Because of the overwhelming influence of residential and commercial customer demand on total water demand, Prof. Church employed a complex econometric model, four multivariate linear regressions, and other statistical analyses to forecast the quantity of future demand by residential and commercial customers.

The last two customer classes (public authority sales and “other” sales) make up less than one percent of annual total production.<sup>9</sup> Consequently, a far simpler forecast was developed for these. Sales to public authorities is a function of the combined residential and commercial sales. “Other” water sales, in turn, is a function of residential, commercial, and public authority sales.

Total bi-monthly billing to all customers drove Prof. Church’s forecast of monthly total production, which he then summed to forecast total annual production. Each monthly total production forecast was based on a ratio for that month derived from a stable relationship between total sales and total production evident in the company’s historical data.

“Non-billed production” refers to water Suez must produce for uses that are not billed to customers. There are three types of non-billed production:

- system losses.
- company use
- non-billed hydrant use

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<sup>5</sup> The public authority customer class includes water uses in government buildings, parks, and other public facilities.

<sup>6</sup> “Other” sales includes temporary customers (typically construction contractors) that use water from fire hydrants, which Suez tracks and bills by providing the water user with a hydrant meter.

<sup>7</sup> This percentage for 2015 is derived from Table A1 in Appendix A, pages A-3 and A-5:  $(9,779,315 + 5,578,620) / 15,484,647 = 0.992$ .

<sup>8</sup> This percentage for 2015 is derived from Table A1 in Appendix A, pages A-3 and A-7:  $(9,779,315 + 5,578,620) / 16,224,222 = 0.947$ . As the data in Table A1 shows, this percentage is stable during the recent historical period. As shown in Forecast Table 1 below, the percentage drops slightly when looking at the peak month.

<sup>9</sup> This percentage for 2015 is derived from Table A1 in Appendix A, pages A-5 and A-7:  $(90,006 + 36,707) / 16,224,222 = 0.008$ .

All three combined amount to under six percent of total production.<sup>10</sup> To forecast the quantity of these non-billed production categories of water use, Prof. Church employed comparatively less complex statistical analyses. He determined that there is a stable historical relationship between total production and non-billed production. This allowed Prof. Church to “back out” the numbers for each category of non-billed production from his forecasted total production. The numbers for these individual categories of non-billed production were not used for projecting RAFN; the RAFN projection is driven by the forecast for total production.

Forecast Table 1 below displays (as a preview of the discussion below) the 2015 and 2065 peak month production for each of the four categories of billed production and the three categories of non-billed production.

| Category of water use    |                        | 2015<br>(1,000<br>gallons) | % of Total<br>Production<br>in 2015 | 2065<br>(1,000<br>gallons) | % of Total<br>Production<br>in 2065 | Multiple<br>of<br>increase<br>in 50<br>years | Annual<br>increase<br>% | Reference to<br>Appendix A<br>pages |
|--------------------------|------------------------|----------------------------|-------------------------------------|----------------------------|-------------------------------------|--|-------------------------|-------------------------------------|
| Billed<br>(Sept.)        | Residential            | 1,705,537                  | 62.55%                              | 4,494,806                  | 65.82%                              | 2.64   | 1.96%                   | A-15, A-26                          |
|                          | Commercial             | 781,360                    | 28.66%                              | 1,745,086                  | 25.55%                              | 2.23   | 1.62%                   | A-15, A-26                          |
|                          | Public authorities     | 24,668                     | 0.90%                               | 61,894                     | 0.91%                               | 2.51   | 1.86%                   | A-31, A-42                          |
|                          | Other sales            | 5,018                      | 0.18%                               | 12,592                     | 0.18%                               | 2.51   | 1.86%                   | A-13, A-42                          |
| Non-<br>Billed<br>(Aug.) | System losses          | 64,424                     | 2.36%                               | 161,363                    | 2.36%                               | 2.50   | 1.85%                   | A-47, A-58                          |
|                          | Company use            | 4,607                      | 0.17%                               | 11,540                     | 0.17%                               | 2.50   | 1.85%                   | A-47, A-58                          |
|                          | Non-billed hydrant use | 1,296                      | 0.05%                               | 3,246                      | 0.05%                               | 2.50   | 1.85%                   | A-47, A-58                          |
| SUM OF ABOVE             |                        | 2,590,214                  |                                     | 6,499,195                  |                                     | 2.51   | 1.86%                   |                                     |
| TOTAL PRODUCTION (Aug.)  |                        | 2,726,502                  | 100%                                | 6,829,107                  |                                     | 2.50   | 1.85%                   | A-47, A-58                          |

The forecasts for individual categories are displayed to illustrate how the overall forecast fits together.<sup>11</sup> For RAFN purposes, the forecast total production is the critical number.

<sup>10</sup> This percentage for 2015 is derived from Table A1 in Appendix A, page A-7:  $(54,140 + 6,018 + 851,121) / 16,224,222 = 0.056$ . By the way, the percentages in footnotes 8, 9, and 10 do not sum to exactly 1.0. This is due to a time-lag discrepancy between the data groups. See footnote 11 at page 10.

<sup>11</sup> As noted, the forecast for total production is not derived by summing the billed and non-billed categories. As Forecast Table 1 shows, the sum of each of the seven categories does not exactly equal the forecast of total water production. This is due to time-lag issues in the data. Because customer billing occurs only every two months, the billing data reflects actual production that may have occurred from one to 60 days earlier. In contrast, the total production forecast has no time-lag. Because the non-billed production categories are based on the production forecast, they, too, have no time-lag. In an effort to partially compensate for this apples-to-oranges situation, Forecast Table 1 displays the forecast for the peak production month of the year for the four categories of billed production. (Billings in September more closely approximate production in August, the peak month of production). For non-billed categories, August is displayed, because there is no time-lag and that month corresponds to the highest overall production month of the year (even if it is not the highest production month for that particular category). In any event, this difference among the water use categories is inconsequential to RAFN forecasting, because non-billed production is backed out after total production is forecasted and is not a driver of the RAFN forecast. See discussion in section V.D(11) (Step Eleven: Non-billed production) at page 28.

The bottom line is that the Church Forecast predicts that total production will increase by two and a half times in fifty years. This equates to an annual increase of 1.85%. The discussion in the pages below explains how that forecast was made.

## **B. Overview of data (Census, COMPASS, and Suez data)**

Before delving into forecasting methodologies, it is important to understand the various types of data Prof. Church used to project future demand.

Prof. Church relied on population and planning data provided by three governmental entities: (1) the U.S. Census, (2) U.S. Department of Labor, and (3) COMPASS.

Census data on population and number of households (for Ada County for the years 1984 through 2011) and U.S. Department of Labor data on non-agricultural employment (for Ada County for the years 1984 through 2011) served as an input to the Church Econometric Model, which forecasted those measures for the 2015 to 2065 period.

COMPASS generates its own forecasts of population and number of households. The latest is published in COMPASS' *2040 Communities in Motion*. See footnote 15 at page 19. However, the COMPASS forecasts extend only to the year 2040. In order to provide demand projections through 2065, Prof. Church used the Church Econometric Model, which takes into account a number of variables in order to project population, households, and non-agricultural employment. Prof. Church employed the *2040 Communities in Motion* projections through the year 2040 to calibrate his econometric model. As a result, the Church Econometric Model replicates the results of the COMPASS projections of population and number of households through the year 2040, and then extends the projection of those factors through the year 2065 (also adding a projection of non-agricultural employment).<sup>12</sup>

In addition to using the COMPASS forecast to calibrate the Church Econometric Model, Prof. Church used the COMPASS data for other purposes. COMPASS allocates its projections for population and number of households (for each five year increment from 2010 to 2040) to individual Traffic Analysis Zones ("TAZs"). These allocation ratios were used by Prof. Church to allocate his county-wide forecast of population and number of households to individual TAZs within Ada County through the year 2040. He then used his own professional judgment to adjust the TAZ allocations in subsequent years. This, in turn, allowed him to sum the population and household numbers for selected TAZs (and portions thereof) to reflect population and households within Suez's Planning Area. This is explained more fully under "Step Two" in section V.D(2) beginning on page 19 ("Step Two").

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<sup>12</sup> For example, for the year 2040, COMPASS projects the Suez Planning Area population to be 346,269 and Suez Planning Area households to be 150,389. See Appendix A, Table A5, p. A-141. The Church Forecast projects almost identical but slightly lower numbers in 2040: 345,259 (population) and 150,043 (households). See Appendix A, Table A6, p. A-171. Similarly, for the year 2040, COMPASS projects total Ada County population to be 674,144 and Ada County households to be 272,724. See Appendix A, Table A5, p. A-141. The Church Forecast projects slightly lower numbers in 2040: 663,958 (population) and 255,676 (households). See Appendix A, Table A6, p. A-171.

This TAZ-based distribution, however, did not drive Prof. Church's forecast of future water needs. Instead, his county-wide projections of households and non-agricultural employment (generated by his econometric model) served as inputs to the demand forecasts for RAFN. Prof. Church performed the TAZ-based allocation because it provides other useful planning information to Suez, such as detailed, geographic-specific information about increases in population and households that will be useful in site-specific infrastructure investment decisions. It also serves to corroborate Prof. Church's forecast of the number of residential customers, which is used in the RAFN forecasts.

In addition to the governmental data discussed above, Prof. Church employed historical company data collected by Suez. Two broad categories of company data were used: (1) customer sales and (2) monthly production data (diversion records) and company estimates.<sup>13</sup>

First, customer sales data consists of Suez's meter reading data recorded in its bi-monthly billing for water sales to all of its billed customer classes (*i.e.*, residential, commercial, public authority, and other). (This is as granular as the sales data gets. Suez does not record its customers' monthly or daily water demand.) The bi-monthly bills are sent out on a rolling basis throughout each month, creating a time-lag associated with this billing data. For instance, a bill sent in mid-September would include water provided from the last part of July, all of August, and the first part of September.<sup>14</sup> This billing data was used to forecast future demand for each of these customer classes.

Second, Suez collects total, daily, system-wide production data for all water that it diverts from ground and surface supplies. This includes water that is delivered to paying customers as well as non-billed production (system losses, company use, and non-billed hydrant use). Prof. Church summed the daily production data into monthly data for purposes of this analysis. Unlike the customer billing data, there is no time-lag on this production data. The stable, predictable relationship between historic production data and historic billing data enabled Prof. Church to convert customer sales data (which has a time-lag) to total system production (without a time-lag).

### **C. Overview of the forecasting methodology (step-by-step process)**

The long-term forecast for RAFN and other purposes is derived by forecasting the monthly quantity of sales in each of four billed customer classes (residential, commercial, public authority, and "other" billed uses). The total monthly billed sales is then used to forecast total

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<sup>13</sup> Daily diversion data is summed into monthly production data for purposes of the Church Forecast (specifically, Step Ten and Step Eleven described below).

<sup>14</sup> Suez bills its customers every two months. But its billings occur on a continuous rolling basis. Thus, it has data on how much it bills customers each month of the year. That data reflects a lag time, however. For instance, Suez customers receive September bills over a 30-day period. A bill that went to a customer on September 1 would include billing for water produced from July 1 to August 31 (or something close to that). A bill that went to a customer on September 30 would include water produced from July 31 to September 29. Thus, total billing for September captures all production associated with those customers in August and a portion of July and September.

monthly production, which also includes three categories of non-billed production (system losses, company use, and non-billed hydrant use).

Appendix A displays monthly and annual forecasts for each of the billed and non-billed categories. Only the monthly forecasts are used to project peak month production and peak day production.

The flow-chart on the following page summarizes the methodology employed by Prof. Church. Each step is further described in the text following the flow-chart, and explained in greater detail in section V.D beginning on page 17.

**STEP ONE**

*Forecast Ada County population, number of households, and non-agricultural employment through 2065 using the Church Econometric Model ("CEM").*



**STEP TWO**

*Allocate CEM-forecasted Ada County population and number of households to individual COMPASS TAZs. Determine total population and number of households within the Planning Area by summing TAZs. (These numbers do not drive the RAFN forecast, but are used for forecast corroboration and other planning purposes.)*

**STEP THREE**

*Forecast number of Suez residential customers based on CEM-forecasted Ada County households using multivariate linear regression.*

**STEP FOUR**

*Forecast number of Suez commercial customers based on CEM-forecasted Ada County non-agricultural employment using multivariate linear regression.*



**STEP FIVE**

*Forecast Suez monthly residential demand per residential customer using multivariate linear regression that extrapolates historic per-customer demand.*

**STEP SIX**

*Forecast Suez monthly commercial demand per commercial customer using multivariate linear regression that extrapolates historic per-customer demand.*



**STEP SEVEN**

*Forecast Suez monthly public authority demand as a function of combined residential and commercial demand forecasts.*



**STEP EIGHT**

*Forecast Suez monthly "other" sales demand as a function of combined residential, commercial, and public authority demand forecasts.*



**STEP NINE**

*Total up all billed sales, based on calculations in prior steps.*



**STEP ELEVEN**

*Forecast Suez's monthly non-billed production as a function of total production. (This backing out of non-billed production is independent of the RAFN forecast.)*



**STEP TEN**

*Forecast Suez monthly total production (both billed and non-billed production) as a function of total billed sales.*



**STEP TWELVE**

*Calculate MDD (Maximum Day Demand) based on forecasted peak monthly Total Production. This is Suez's RAFN forecast.*

The following is a quick summary of each step in the forecast methodology. A more detailed explanation is set out in section V.D beginning on page 17.

- STEP ONE: Church Econometric Model (population, number of households, and non-agricultural employment for Ada County). The first step is to project the population, number of households, and non-agricultural employment within Ada County for the years 2015 through 2065 using the Church Econometric Model (an economic model he first developed for Idaho Power Company). Prof. Church employed COMPASS' 2040 Communities in Motion projections through the year 2040 to calibrate his econometric model (see footnote 12 at page 11). The resulting Ada County household forecast is then used to predict Suez's residential customers (Step Three). The resulting Ada County non-agricultural employment forecast is used to predict the number of Suez's commercial customers (Step Four). The resulting population forecast is not used to forecast Suez's RAFN.
- STEP TWO: Allocate to each TAZ; sum for Planning Area. The population and household forecast data from Step One is then distributed to each TAZ in Ada County based on the ratios developed by COMPASS (through 2040) and adjusted by Prof. Church based on his professional judgment after 2040. The numbers for each TAZ within Suez's Planning Area are then summed to produce population and household forecasts for Suez's Planning Area. These allocations are not used to drive Suez's water demand forecast, but they do corroborate that forecast, and they are useful to Suez for other planning purposes.
- STEP THREE: Number of residential customers. To forecast the number of Suez residential customers, Prof. Church employed a multivariate linear regression that examined historical company data on the number of residential customers to predict the future number of residential customers (the dependent variable) as a function of the following independent variables: (1) the projected number of households in Ada County (from Step One), (2) a downward-trending trend variable (to reflect the declining percentage of Ada County growth within the Planning Area), and (3) a binary variable (to account for the "bump" in residential customers from the acquisition of South County Water Company in 1999).
- STEP FOUR: Number of commercial customers. Prof. Church forecasted the number of commercial customers using a multivariate linear regression similar to the one he employed to determine the number of residential customers (Step Three). Here, he employed historical company data on the number of commercial customers to predict the future number of commercial customers (the dependent variable) as a function of the following independent variables: (1) projected non-agricultural employment in Ada County (from Step One), (2) an upward-trending trend variable (to reflect the increasing share of county-wide non-agricultural employment expected to be captured within the Planning Area), and (3) a binary variable (to account for the

“bump” in the number of commercial customers from the acquisition of South County Water Company in 1999).

- STEP FIVE: Demand per residential customer. To forecast future demand per residential customer for each month of the year, Prof. Church used a multivariate linear regression that employed historical company data on demand per residential customer to predict future demand per residential customer (the dependant variable) as a function of the following independent variables: (1) five seasonal variables reflecting distinct monthly water use patterns from July through November, (2) weather variables reflecting temperature and precipitation, (3) the real price of water, (4) a downward trending trend variable (to reflect water conservation, and related factors), and (5) a binary variable (to reflect the change in customer profile when South County Water Company was acquired). As a conservative measure, no upward adjustment in per-customer demand was included to reflect anticipated declines in the percentage of customers with access to NPI (non-potable irrigation) water.
- STEP SIX: Demand per commercial customer. Demand per commercial customer was developed in a manner similar to demand per residential customer. This forecast used a multivariate linear regression that employed historical company data on demand per commercial customer to predict future demand per commercial customer (the dependant variable) as a function of a subset of the independent variables used in the residential demand regression: (1) five seasonal variables, (2) two weather variables, and (3) the real price of water. Unlike the regression for per-customer residential demand, this did not employ a trend variable (because expected gains in water conservation will be offset by the expected growing size of each commercial customer). Nor did it employ a binary variable (because no statistical difference in demand per commercial customer was detected based on the acquisition of South County Water Company).
- STEP SEVEN: Public authority sales. Sales to public authorities were determined as a function of the combined sales to residential and commercial customers.
- STEP EIGHT: Other sales. Demand for other sales was determined as a function of the combined sales to residential, commercial, and public authority customers.
- STEP NINE: Total billed sales. Total billed sales is simply the sum of the calculations made above: Residential demand (number of residential customers times demand per customer) + commercial demand (number of commercial customers times demand per customer) + public authority sales + other sales.

- *STEP TEN: Total production (by month).* Total production is a function of total billed sales (residential, commercial, public authority, and “other”). This function takes into account the time-lag between billing for sales and actual production (from wells and surface water). This function is a simple month-by-month ratio analysis, reflecting the stable relationship over time between sales and production. The forecast generates predicted monthly (and annual, by summation) totals for production and other categories. The monthly production totals drive the RAFN forecast. The annual totals are included for other planning purposes.
- *STEP ELEVEN: Non-billed production.* As noted in Step Ten, the forecast for total production is derived from forecasted customer sales. Total production includes both billed production (customer sales) and non-billed production (system losses, company water use, and non-billed hydrant use). In Step Eleven, Prof. Church “backed out” the non-billed production components from the forecasted total production. This step is not necessary for the RAFN forecast, because the forecast for total production (Step Ten) includes both billed and non-billed production. The backing out of non-billed production from that total is done for company planning purposes and to provide a more complete picture of how the various components of production compare.
- *STEP TWELVE: Maximum Day Demand.* The driver for determining the maximum diversion rate required to meet Suez’s RAFN is the projection of Maximum Day Demand (“MDD”), also known as peak day production, at the end of the Planning Horizon. This is determined by applying a peaking factor derived from the stable historical relationship between monthly production during the peak month and production on the peak day of that month. The peak day production equates to 3.51 percent of the maximum monthly production. This equates to a very modest peaking factor of 1.09 times the average daily production during the year’s highest month of production, also known as Maximum Month Average Daily Demand (“MMAD”). This yields a MDD, or peak day production, of 370.87 cfs in 2065. Storage within the delivery system will be employed to meet Suez’s peak instantaneous demand during the peak day.

#### **D. Detailed discussion of forecast methodology**

##### **(1) Step One: Church Econometric Forecast**

Prof. Church previously developed an econometric model (“Church Econometric Model”) for Idaho Power Company to assist in the prediction of electric power demand in counties served by that company. The model projects future population, number of households, employment by industry and year, and total personal income by year for the state and for each of Idaho’s counties.

The first step in the Church Forecast was to update the Church Econometric Model to forecast Ada County population, number of households, and non-agricultural employment through 2065. This was necessary because the latter two—households and employment—drive the water sales forecasts (for residential and commercial customers, respectively). When COMPASS' 2040 *Communities in Motion* projections became available, Prof. Church used them to calibrate his econometric model so that its projections track the COMPASS projections through the year 2040. (See footnote 12 at page 11.)

The econometric model also forecasts population, but that is not a factor in forecasting Suez's future demand. The population forecast is used for other purposes and serves as well to corroborate Prof. Church's demand projections based on his econometric model. (See discussion of Step Two in section V.D(2) beginning on page 19 and discussion of Rates of Growth in section V.E beginning on page 32.)

This model was employed, because there are no published sources that project households and non-agricultural employment on a county basis out to the year 2065. Much less are they projected specifically within Suez's Planning Area (which, as described in section IV beginning on page 5, includes portions of the Cities of Meridian, Boise, and Eagle, and unincorporated Ada County).

The model determines annual population resulting from natural population increases (*i.e.*, annual births minus deaths), plus annual population migration into or out of Ada County. To forecast the natural rate of population growth, a cohort-component population algorithm projects the annual number of births and deaths in the County and in turn projects annual population by five-year age groupings (the age cohorts) using Ada County specific fertility and mortality rates. The annual migration of population into or out of Ada County is driven by the model's economic forecast that predicts the labor force necessary to meet projected future employment requirements. The model projects the net migration component of annual population change from the difference between the labor force supplied by natural increases to the existing population and the required labor force projected by the economic forecast.

The Church Econometric Model is a simultaneous equation model, which uses forecasts of national economic concepts to drive forecasts of particular industry performance in the Idaho economy and local demands on sectors of the Idaho economy, as well as local area personal income and population to predict employment demand in the State. The forecasted number of employed persons is further adjusted to account for a portion of the population being unemployed at any one time.

The results generated by the model showing the forecasted annual Ada County population, households, and non-agricultural employment are displayed in Appendix A in Table A3 on pages A-61 and A-62. Monthly numbers are shown in Table A4 on pages A-67 through A-111. Prof. Church's model forecasts Ada County's population to be 998,120 in the year 2065, which is 2.3 times the population in 2015. As noted, that number does not drive the water demand forecast. Instead, it is the numbers for households and non-agricultural employment that drive the forecasts for residential and commercial sales, respectively. Prof. Church's model forecasts 391,798 households in Ada County in 2065. (See Forecast Tables 2 and 5 below.)

**(2) Step Two: Allocate population and households to each TAZ;  
sum for Planning Area**

In Step Two, Prof. Church distributes his total county-wide forecast of population and number of households (derived in Step One) to individual TAZs. This allows Prof. Church to forecast these factors for Suez’s Planning Area.

COMPASS has divided Ada and Canyon counties into hundreds of TAZs, which are small geographic areas used to analyze and predict traffic flow patterns. Each TAZ is typically a tiny fraction of the size of a zip code. There are 1,311 TAZs in Ada County alone.

COMPASS allocates its total projected population and number of households within the two counties to each TAZ. COMPASS performed this allocation for each five-year increment between 2010 and 2040.<sup>15</sup> This allows COMPASS to derive the future population and number of households for each municipality by adding up all of the TAZs within a city’s area of city impact. It did the same for unincorporated areas outside of areas of city impact. Prof. Church used the TAZs in the same way as COMPASS did to tally population and number of households within Suez’s Planning Area.

Prof. Church simply applied COMPASS’ allocation of population and number of households per each TAZ to allocate his own forecast of population and number of households (Step One) to each TAZ for each five-year increment between 2010 and 2040 (Step Two). Thus, if COMPASS put x% of its total Ada County projected population into a particular TAZ for a particular year, Prof. Church put the same percentage of his projected Ada County population into that TAZ for that year.

But COMPASS’ projections extend only to 2040, while Prof. Church’s projections go to 2065. Accordingly, for each five-year increment from 2045 to 2065, Prof. Church used his professional judgment, familiarity with the area, his study of the relevant zoning requirements and comprehensive plans, and his knowledge of recent and projected developments to make minor adjustments in the allocation to certain TAZs. In doing so, he was careful to allow each TAZ to continue to grow only until it achieved a reasonable level of “build out” density reflecting applicable planning and zoning for that TAZ. When that maximum density was reached, no further population or households were allocated to that TAZ. Instead, growth was directed to neighboring TAZs (in concentric circles) that had “room to grow.” In this way, Prof. Church ensured that the allocations to individual TAZs for each year were consistent with the zoning and land use plans of each community and accurately reflected reasonable expectations based on most up-to-date information available.

The TAZ boundaries do not precisely follow the boundaries of the Suez’s Planning Area, but they come close. The TAZ boundaries reflect geographic features or barriers (such as a river or canal), zoning densities, municipal boundaries, and the existing and predicted roadway

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<sup>15</sup> The key data from the COMPASS 2040 *Communities in Motion* forecast of population and households is displayed in 5-year breakouts for the period 2010 to 2040 for all Ada County TAZs in Table A5 on pages A-114 through A-141 in Appendix A.

infrastructure. Most are entirely within or entirely outside of the Planning Area. For the few that straddle the boundary of the Planning Area, Prof. Church used professional judgment to allocate a fraction of the TAZ's population and households to the portion of the TAZ within the Planning Area. This is shown for each TAZ in Appendix A, Table A5, at pages A-114 to A-141.

It was then simply a matter of summing up the population and households for each TAZ (or fraction thereof) within Suez's Planning Area. The results are displayed in Appendix A, Table A6, pages A-144 and A-171.

These allocations were not used to drive Suez's water demand forecast, but they do serve to corroborate and fine-tune the Church forecast by allowing various comparisons and analyses. For instance, as discussed in section V.D(3) (Step Three) and Forecast Table 2, they serve as a "double check" of Prof. Church's projection of the number of residential customers. In addition, they are used to evaluate and contrast various growth rates, as discussed in section V.E (Rates of growth) and Forecast Table 5. Finally, they are useful to Suez for other planning purposes.

### **(3) Step Three: Number of residential customers**

Suez has historical monthly billing data on its number of residential customers.<sup>16</sup> One could perform a simple trend-line linear regression on that data to extrapolate the number of residential customers through the year 2065. Doing so, however, would not yield an accurate prediction. It would overstate future customer growth. This is because Suez's Planning Area is, to some extent, "boxed in" by surrounding communities served by other providers and by public lands that will not be developed. As a result, Suez's customer base will continue to grow, but at a slower pace than it has in the past. Likewise, in the years ahead, Ada County will grow faster outside the boundaries of the Planning Area than it will within those boundaries.

Prof. Church determined that the number of households in Ada County has a strong correlation to the number of residential customers served by Suez. Accordingly, Prof. Church employed a multivariate linear regression that analyzed historical company data on the number of residential customers to predict the number of residential customers in the future (the dependent variable) as a function of the number of Ada County households (an independent variable). The regression analysis was further refined by employing two other independent variables: (i) a binary variable (0 or 1) accounting for Suez's acquisition of the South County Water Company in 1999, and (ii) a downward-trending trend variable reflecting Suez's declining share of population and household growth in Ada County.

The binary variable corrects for a "bump" in the historic customer data in 1999, when Suez acquired South County Water Company and its territory, which added over 4,000 residential customers.

As noted above, population and the number of households in Ada County is growing faster than within Suez's Planning Area. This is the reason that Prof. Church employed a downward-

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<sup>16</sup> Although Suez bills on a bi-monthly basis, it has monthly billing data (*i.e.* data from bills issued each month). See footnote 14 at page 12 regarding lag time in billing.

trending trend variable. (This is simply a series of numbers: -1, -2, -3, etc.) When added to the regression analysis, the trend variable captures the statistically significant phenomenon indicating that over time Suez's Planning Area is capturing a smaller percentage of the overall household growth in Ada County. The trend variable is a conservative correction to the projection. The effect of this downward-trending variable is to pull down the projection of residential customers by recognizing the historical and ongoing trend toward a lower percentage of Ada County growth within the Planning Area.

The trend variable also addressed the fact that there is not a one-to-one correlation between residential households in Suez's Planning Area and the number of residential customers. This is because many residential households reside in multi-family housing units, such as apartment buildings, that are master metered (*i.e.*, there is one water meter for an entire apartment complex or apartment building). Although they are actually residential "households," many of these multi-family units are classified in Suez's billing system as a single commercial customer. Accordingly, there are fewer residential customers than there are households within the Planning Area. Nevertheless, there is a strong correlation between the number of Ada County households and the number of Suez customers. The trend in this relationship (*i.e.*, the increasing density within the Planning Area and corresponding increasing disparity between households and customers) is also picked up by the trend variable, further strengthening the accuracy of the prediction.

This regression does not take into account a seemingly important factor: the changing shape of the Planning Area compared to the current service area. For this reason, Prof. Church thought it important to verify the accuracy of this residential customer projection with a separate population projection driven by geographic-specific information following the shape of the Planning Area. For this "double-check" prediction described in Step Two, Prof. Church first projected the population and number of households in Ada County for each year through 2065 (Step One). He then fine-tuned the distribution of that population and household data geographically across the county to determine the future population in Suez's Planning Area (Step Two). The results are in line with expectations, as shown in Forecast Table 2 and discussed below.

**Forecast Table 2**  
**Population, Households, and Residential Customers (annual numbers)**

|   | Ada County Population          | Ada County Households          | Planning Area Population | Planning Area Households | Planning Area Residential Customers        | Planning Area Households as a Percent of Ada County Households | Planning Area Population as a Percent of Ada County Population | Ratio of Planning Area Households to Planning Area Customers |
|---|--------------------------------|--------------------------------|--------------------------|--------------------------|--|--|--|--|
| <b>2015:</b>  | 431,010                        | 161,214                        | 247,345                  | 99,519                   | 79,976                                     | 61.7%  | 57.4%  | 1.2  |
| <b>2065:</b>  | 998,120                        | 391,798                        | 449,708                  | 219,236                  | 196,658                                    | 56.0%  | 50.1%  | 1.1  |
| <b>Multiple of increase in 50 years</b>             | 2.3                            | 2.4                            | 1.8                      | 2.2                      | 2.4  |  |  |  |
| <b>Annual increase %</b>                            | 1.69%                          | 1.79%                          | 1.20%                    | 1.59%                    | 1.82%                                      |  |  |  |
| <b>Reference Appendix A pages (or other basis):</b> | A-61<br>A-62<br>A-157<br>A-171 | A-61<br>A-62<br>A-157<br>A-171 | A-157<br>A-171           | A-157<br>A-171           | A-3<br>A-4<br>cf. monthly:<br>A-14<br>A-26 | A-157<br>A-171   | A-157<br>A-171   | Planning Area households divided by residential customers    |

Forecast Table 2 shows that, while the total population and number of households within Suez’s Planning Area increase over time, they represent a declining share of the projected future total population and number of households within Ada County. This shows that a substantial portion of the projected future county population is allocated to cities and unincorporated areas of the county outside of Suez’s Planning Area. For example, the percentage of Ada County population within the Planning Area declines from 57.4% in 2015 to 50.1% in 2065. The allocation of households similarly declined from 61.7% in 2015 to 56.0% in 2065. In other words, Prof. Church’s forecast is consistent with the trend recognized in the COMPASS *Communities in Motion 2040* forecast. It conservatively allocates less than a proportional amount of future population and households to TAZs within Suez’s Planning Area.

The TAZ-based forecast of households within the Planning Area (Step Two) strongly corroborates the forecast of residential customers. For the year 2065, 219,236 households are predicted compared to 196,658 residential customers within Suez’s Planning Area. For the reasons discussed above, one would expect the number of residential customers to be somewhat lower than the number of households. Moreover, the ratio of Planning Area households to Planning Area customers is also stable over time (1.2 in 2015 and 1.1 in 2065).

The Church Econometric Model (which was calibrated to the COMPASS projections) projects virtually identical but slightly lower population and slightly fewer households in Suez’s Planning Area compared to the sum of COMPASS’s TAZ forecasts for the same area in 2040 (the last year of COMPASS’s forecast).<sup>17</sup> All of this provides a high level of confidence in Prof.

<sup>17</sup> For example, for the year 2040, COMPASS projects the Suez Planning Area population to be 346,269 and Suez Planning Area households to be 150,389. See Appendix A, Table A5, p. A-141. The Church Forecast projects slightly lower numbers in 2040: 345,259 (population) and 150,043 (households). See Appendix A, Table A6, p. A-171. Similarly, for the year 2040, COMPASS projects total Ada County population to be 674,144 and Ada

Church's projection of the number of households in Ada County (Step One), which drove his projection of the number of residential customers in the Planning Area (Step Three), which drove his projection of residential customer demand (Step Five). The same goes for Prof. Church's projection of non-agricultural employment (Step One) which, as discussed below, drove his projection of the number of commercial customers (Step Four), which in turn drove his projection of commercial demand (Step Six).

In addition to corroborating these projections, the TAZ-based forecast serves other important planning purposes for Suez. Notably, it provides detailed, geographic-specific information about increases in population and households that will be useful in site-specific infrastructure investment decisions.

#### **(4) Step Four: Number of commercial customers**

Suez also tracks the number of commercial customers through its billing data. In contrast with the trend in residential customers, however, Suez's base of commercial customers is growing at a somewhat faster pace than in the rest of the county. (This is because, on balance, commercial customers are concentrated more densely in Boise and other areas served by Suez than they are outside of the Planning Area.) Prof. Church determined that the number of commercial customers in Suez's Planning Area can be statistically correlated to total non-agricultural employment in Ada County. Accordingly, Prof. Church used the projected non-agricultural employment in Ada County to forecast the number of commercial customers in Suez's Planning Area.

Specifically, Prof. Church used a multivariate linear regression similar to the one he employed to determine the number of residential customers. Here, he employed Suez's historical company data on the number of commercial customers to predict the number of commercial customers in the future (the dependent variable) as a function of Ada County's non-agricultural employment (an independent variable, from Step One), which Prof. Church has determined are strongly correlated. The regression analysis was further refined by employing two other independent variables: (1) a trend variable to reflect the increasing share of county-wide non-agricultural employment captured within the Planning Area, and (2) a binary variable to account for the "bump" in commercial customers from the acquisition of South County Water Company in 1999.

The commercial customer regression statistics, as shown on pages A-182 and A-183 of Appendix A, reflect a strong correlation. During the forecast period, Prof. Church's forecast projects that Suez generally will realize one additional commercial customer in the Planning Area for every additional 31 non-agricultural jobs gained in Ada County.

The results of these residential and commercial customer regression analyses are shown in Appendix A, pages A-3 and A-4. They show that the number of commercial customers will increase from a level of 9,045 customers in 2015 to 19,618 in 2065, a multiple of 2.2 over 50

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County households to be 272,724. See Appendix A, Table A5, p. A-141. The Church Forecast projects slightly lower numbers in 2040: 663,958 (population) and 255,676 (households). See Appendix A, Table A6, p. A-171.

years, reflecting an annual growth rate of 1.56% per year. (Note that these are annual numbers. The commercial customer numbers for each year's peak month is virtually identical. See Forecast Tables 4 and 5 below.)

#### **(5) Step Five: Demand per residential customer**

Next, Prof. Church determined the quantity of demand per residential customer. (This number multiplied by the number of residential customers (Step Three) would then yield total residential customer demand.)

To project monthly (and, by summation, annual) water demand per customer through the Planning Horizon, Prof. Church used a statistical analysis of monthly residential demand per residential customer (the dependent variable). Historical residential demand per customer was extrapolated by a multivariate linear regression that forecast monthly residential billing per residential customer as a function of the following independent variables:

- seasonal water use (five variables reflecting distinct monthly water use patterns from July through November)
- the effects of weather (a variable constructed as weighted average of monthly average temperatures and another variable constructed as a weighted average of precipitation that affected each bi-monthly billing period)
- a binary variable that captures the effect of the acquisition of South County Water Company in 1999 (whose customers had different per-customer demand than other Suez customers)
- the real price of water (the price of water adjusted for the effects of price inflation)
- a downward-trending trend variable that captures the increasingly effective water conservation efforts resulting from efficiency improvements, such as, water-saving devices, smaller irrigated areas, increased xeriscaping, and the effect of education and cultural change

The last two factors (price and conservation), in combination, have pushed average per capita water consumption down dramatically in recent years. That trend is expected to continue throughout the Planning Horizon. This is reflected very strongly in both annual water use data and water use data during the non-irrigation season. In contrast, per-customer residential demand during the peak month has shown no consistent decline. The trend does not follow a straight line due to the number of factors in play. Peak month demand per residential customer declined from a high of 31,830 gallons/month per residential customer in August 1999 to 20,530 gallons/month in September 2011 (the last year of non-forecast data). (Appendix A, pages A-12, A-14.) The forecast of future monthly residential water demand trends upward to 24,370 gallons/month in September 2025, before trending down to 22,770 gallons/month in September 2065. (Appendix A, pages A-17, A-26.) See also the discussion below in section V.E at page 32, including the growth rates displayed in Forecast Tables 4 and 5.

In addition to price and conservation, another major factor affecting residential water use is the availability of NPI (non-potable irrigation) water. This refers to surface water provided by irrigation districts and other entities.

Because NPI water is provided by others, any increase in NPI corresponds to less water supplied by Suez. On average, Suez customers who live in subdivisions with access to NPI use 31.76% less water than do Suez customers that have no access to NPI. See Appendix A, Table A7, at page A-174.

Customers with access to NPI may still use some water provided by Suez for lawn irrigation, but most of that use is during the shoulder season when NPI water is not available. This shoulder season use is inconsequential to the projection of peak demand, because use during the shoulder season does not occur during the time of peak demand during the irrigation season.

In recent years, the construction of separate lawn irrigation systems relying on NPI has accelerated as new subdivisions have replaced farmland served by surface irrigation water provided by irrigation districts and others. Indeed, the use of surface water (as opposed to ground water) is mandated in new subdivisions where surface water is “reasonably available.” Idaho Code § 67-6537. The trend toward NPI in new residential subdivisions is well established throughout the Treasure Valley. The vast majority of new NPI is brought on line as new subdivisions are constructed. Some new NPI comes on line as existing homes are retrofitted to install new NPI water systems. Such retrofitting, however, is quite rare due to the high cost.

Decades of increasing use of NPI within Suez’s current service area have driven down per-customer water demand. Prof. Church examined the locations of existing agricultural surface water irrigation infrastructure to determine whether this trend will continue as Suez expands service in the Planning Area. This examination revealed that most of the surface water irrigated land within Suez’s Planning Area already has been converted from traditional agriculture uses to residential and commercial uses. To a large extent, areas that are now undeveloped or sparsely developed (*i.e.*, those areas within the Planning Area where the most growth is expected over the Planning Horizon) are not currently irrigated. Because that dry land has no access to surface waters that could be used for NPI systems, lawns will be irrigated with potable water provided by Suez when it is developed. Accordingly, it is anticipated that the percentage of Suez customers using NPI for their lawn irrigation will gradually decline in the future. This is in contrast to the rest of Ada County where, for the reasons noted above, use of NPI is expected to increase.

Although a decline in NPI use within the Planning Area is anticipated, predicting the extent of that decline is difficult. For this reason, Prof. Church did not explicitly factor into his regression analysis a factor reflecting a trend toward a lower percentage of NPI use. The decision not to factor in declining NPI use will tend to overestimate the future use of NPI, and thus underestimate Suez’s projected demand. In other words, this was a conservative assumption; Suez’s actual peak demand is likely to be somewhat higher to the extent the ratio of NPI-to-non-NPI development declines over time, as expected.

## **(6) Step Six: Demand per commercial customer**

Demand per commercial customer was developed in a manner similar to demand per residential customer. This forecast used a multivariate linear regression that employed historical company data on monthly commercial demand per commercial customer to predict demand per customer in the future (the dependent variable) as a function of some of the same independent variables used in the residential demand regression: (1) the five seasonal variables, (2) the weather variables, and (3) the real price of water. Unlike the regression for per-customer residential demand, this regression did not employ a trend variable (because gains in water conservation are expected to be offset by the growing size of each commercial customer). Nor did it employ a binary variable, because no statistical difference in demand per commercial customer was detected based on the acquisition of South County Water Company. (In contrast, there was a bump in the number of commercial customers. So a binary variable was used in forecasting the number of commercial customers in Step Four.)

As shown in Appendix A, page A-4, the Church Forecast projects Suez's annual water use per commercial customer in 2065 to be 645,979 gallons/year (corresponding to 1,770 gallons/day). This represents a decrease of 4.8 percent compared to commercial customers' annual water use of 686,500 gallons/year between 1984 and 2007, and a 1.8 percent decrease compared to annual water use of 665,260 gallons/year between 1984 and 2011.

Prof. Church believes a steady decrease in commercial water demand between 2008 and 2011 likely was a short term phenomenon resulting from the recession. Annual average water use per commercial customer from 2008 through 2011 was 538,110 gallons/year (corresponding to 1,474 gallons/day). As would be expected during a recession, the local economy slowed, commercial employment fell, and water use at commercial establishments also declined. Likewise, it is to be expected that, as the local economy recovers (which already is occurring), water use per commercial customer will increase. Prof. Church's forecast conservatively assumes that by 2065 annual commercial demand per customer will increase to a level that is slightly below the annual per customer commercial demand that was experienced prior to the recession. See also the discussion below in section V.E at page 32, including the growth rates displayed in Forecast Tables 4 and 5.

## **(7) Step Seven: Public authority sales**

The public authority customer class includes water uses in government buildings, parks, and other public facilities—all of which are metered and billed bi-monthly like residential and commercial customers. Prof. Church determined that there is a stable historical relationship between billing to public authority customers and the combined sales to residential and commercial customers. Accordingly, the forecasted public authority sales is assumed to be 0.61 percent of the projected annual total of residential and commercial sales.

Total annual water sales to public authorities is expected to increase to 200,005,000 gallons/year in 2065. Appendix A, at page A-6. This is an annual increase of 1.6 percent above 2015's total of 90,006,000 gallons/year. Appendix A, at page A-5. Public authority annual water demand projections through 2065 are set forth in Appendix A, pages A-5 and A-6 and monthly public authority water demand projections are set forth in Appendix A, pages A-27 through A-42.

### **(8) Step Eight: “Other” sales**

“Other” sales includes temporary customers (typically construction contractors) that use water from fire hydrants. Suez tracks these water sales by providing the water user with a hydrant meter. (These water sales are not included in the “non-billed hydrant use” category discussed below.) Prof. Church determined that there historically has been a stable relationship between other billed production and the total billing to residential, commercial, and public authority customers. Accordingly, the forecasted other billed production is assumed to be 0.235 percent of the total projected water billing to residential, commercial, and public authority customers.

Total annual “other” sales demand is expected to increase to 76,183,000 gallons/year in 2065. Appendix A, at page A-6. This is an annual average increase of 1.47 percent above 2015’s total of 36,707,000 gallons/year. Appendix A, at page A-5. Monthly and annual water projections for “other” sales through 2065 are set forth in Tables B1 and B2 with annual figures presented on Pages A-5 and A-6 and projected monthly “other” sales shown on Pages A-27 through A-42 of Appendix A.

### **(9) Step Nine: Total billed sales**

Total billed sales is determined by summing the predicted quantities for each of the billed categories:

- (1) Residential demand (number of residential customers from Step Three times demand per residential customer from Step Five).
- (2) Commercial demand (number of commercial customers from Step Four times demand per commercial customer from Step Six).
- (3) Public authority sales (Step Seven).
- (4) “Other” sales (Step Eight).

### **(10) Step Ten: Total production**

Total production is projected as a function of total billed sales to all customers (residential, commercial, public authority, and “other”) derived in Step Nine. This function was determined by examining the historical relationship between (1) total billings in a month and (2) Suez’s total water production in that same month. Despite the time-lag associated with the billing data,<sup>18</sup> this examination found a stable relationship between billed water sales and total water production for each month across 12 years of historical data. Therefore total billed water sales are a reliable predictor of water production via this month-by-month analysis.

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<sup>18</sup> Each customer bill reflects water used by the customer during a two-month period prior to the date of billing. See footnote 14 at page 12.

In other words, for each of the 12 months, there is a ratio that will convert total billed sales to total production. Due to the time-lag between production and billing (sales), the ratio will be greater than one in some months and less than one in other months. The average of all 12 monthly ratios would be somewhat greater than one, because total water production includes water produced for non-billed categories (company use, non-billed hydrant use, and system water losses) discussed in Step Eleven.

Although the ratio is different for each month of the year, for any given month the ratio is stable across the forecast period. For example, the ratio of total water production to total billings in August is 1.10. Total billed sales for August 2065 equal 6,194,778,000 gallons/month. See Appendix A, page A-42. Multiplying that number times 1.10 yields 6,829,107,000 gallons/month as the projection for total actual production in August 2065. See Appendix A, page A-58.

### **(11) Step Eleven: Non-billed production**

In addition to water billed to customers, Suez produces three categories of water that is not sold to customers.

The largest is “system losses”—water that is diverted but never billed, because it is lost to the system before delivery. This includes system leakage, other malfunctions, water stored under approved aquifer storage and recovery programs, and water theft.

The next largest category is “company use.” This is water used by Suez for system operations. This primarily includes water required for flushing pipes and cleaning filters. It also includes a negligible amount of water used for domestic and irrigation purposes at Suez’s offices and facilities.

The smallest category of non-billed production is “non-billed hydrant use.” This includes water taken from hydrants without charge by public authorities for fire fighting and street cleaning. This category of hydrant use does not include hydrant use that is billed (which falls under the category of “other” sales discussed above).

Each month Suez tallies total water production and prepares estimates for each of these three categories of non-billed production. Prof. Church evaluated this historical data and determined that, while the relationship between each non-billed category and total production varies considerably month to month, the relationship for any given month has remained stable over time.

Accordingly, Prof. Church used 12 years of recent historic data (actual production numbers and company estimates for each non-billed category from 2000 to 2011) submitted to the Idaho Public Utilities Commission to develop a “calendar month parameter” for each month of the year for each of the non-billed categories. These are displayed in Forecast Table 3 below.<sup>19</sup> For

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<sup>19</sup> The percentage number (or ratio) for “company use” surges in April, because this corresponds to when Suez engages in system flushing. The percentage number for “system losses” peaks in May, for several reasons. First, this is a ratio, not an absolute measure of system losses; the ratio declines as production increases. Second,

example, system losses account for 6.457% of all January production, but they account for only 2.363% of August projection.

| <b>Forecast Table 3</b><br><b>“Calendar Month Parameters”</b><br><b>Non-billed Water Production as a Percent of</b><br><b>Total Water Production by Calendar Month</b><br><b>(Based on 10 years of historical data)</b> |              |             |                        |
|---|--------------|-------------|------------------------|
| Month   | System Loses | Company Use | Non-Billed Hydrant Use |
| January   | 6.457%       | 0.142%      | 0.011%                 |
| February  | 5.953%       | 0.175%      | 0.002%                 |
| March   | 5.912%       | 0.157%      | 0.007%                 |
| April   | 5.912%       | 1.369%      | 0.005%                 |
| May   | 9.199%       | 0.975%      | 0.016%                 |
| June  | 8.753%       | 0.128%      | 0.019%                 |
| July  | 7.834%       | 0.196%      | 0.094%                 |
| August  | 2.363%       | 0.169%      | 0.048%                 |
| September   | 1.529%       | 0.237%      | 0.027%                 |
| October   | 2.524%       | 0.229%      | 0.055%                 |
| November  | 3.852%       | 0.218%      | 0.041%                 |
| December  | 4.513%       | 0.200%      | 0.015%                 |

These calendar month parameters were then applied to the forecasted total production for each month in order to break out the quantity for each category for each month through 2065. Annual projections of water production for these three non-billed categories through 2065 are presented in Appendix A, Pages A-7 and A-8. Monthly projections are shown in Appendix A, pages A-43 through A-58.

Due to anticipated improvements in Suez’s water production and distribution system, the projections of system losses (the largest category of non-billed production) as a percentage of total annual water production are declining slightly over the forecast horizon.<sup>20</sup>

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absolute system losses are greatest when the system is charged in early Spring, after which leaks and malfunctions are discovered and corrected. Third, “system losses” includes approved injection of Suez distribution system water into wells to facilitate improved water quality during peak season pumping; such injection occurs primarily during non-peak production periods. Fourth, the company estimates of system losses are based on billings, so there is a time-lag issue. In any event, as explained elsewhere, none of these non-billed production numbers have any effect on the RAFN projection (peak day production), which is based solely on total production.

<sup>20</sup> Although the calendar month parameters are fixed over time, there is nonetheless a downward trend in the percentage of annual non-billed uses compared to total production. This is because there is a change over time in each month’s contribution to total annual water production. For example, over the course of 50 years, August production as a percentage of annual production rises from 16.805% in 2015 to 20.360% in 2065. (2,726,502 ÷

By 2065, Prof. Church projects that these three categories will total 1.77 billion gallons, which is only about 5.3% of the projected 2065 total water production of 33.5 billion gallons.<sup>21</sup> They make up even less of the peak month production—about 2.6%.<sup>22</sup>

This step (backing out the non-billed production from total production) is not necessary for RAFN purposes, because the forecast for total production (Step Ten) already includes billed and non-billed production). Prof. Church derived these numbers for non-billed production because they are useful to put the total system-wide demand into perspective. They are also used for other planning purposes by Suez.

## (12) Step Twelve: Peak day production (aka MDD)

The discussion above (through Step Ten) explains how Prof. Church derived the projected peak month production for the year 2065: 6,829,107,000 gallons/month (which equates to an average of 340.8 cfs throughout the month of August 2065)<sup>23</sup>. (See Appendix A, page A-58.) The next and final step is to determine the maximum day demand (“MDD”), which also is known as peak day production. This is the rate of flow that will be required to meet Suez’s customer demand and other production requirements on the highest single day of Suez production projected to occur in the last calendar year of the Planning Horizon. MDD may be expressed in the number of gallons required on the peak day, and that number may easily be converted to cfs.

Largely due to summer landscape irrigation requirements, Suez experiences highest water demand during the summer months, with the MDD typically occurring in the month of August.

Based on historical data, Prof. Church determined that a strong and stable relationship exists between each year’s maximum monthly production (the month with the highest production) and the MDD.<sup>24</sup> Accordingly, he uses this correlation to forecast MDD.

Between 2000 and 2011 (the most recent 12 years of historical data), Suez’s records show its MDD averaged 3.51 percent of August monthly production for that year. This relationship has a standard deviation of 0.07 percent over the 11-year period, reflecting a very strong relationship.

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16,224,222 = 16.805%, Appendix A, pages A-47, A-7;  $6,829,107 \div 33,541,750 = 20.360\%$ , Appendix A, pages B58, B8.) Because the months with relatively low calendar month parameters, such as August, are increasingly important contributors to annual production over time, system losses decline slightly over time on an annual basis.

<sup>21</sup> See Appendix A, page A-8:  $102,419 + 10,674 + 1,656,382 = 1,769,475 \times 1,000 = 1,769,475,000$ .  
 $1,769,475 \div 33,541,750 = 5.275\%$ .

<sup>22</sup> See Appendix A, page A-58:  $11,540 + 3,246 + 161,363 = 176,149 / 6,829,107 = 2.579\%$ .

<sup>23</sup>  $6,829,107,000$  gallons/month divided by 31 days is  $220,293,774$  gallons/day (MMAD), divided by the conversion factor of  $646,316.889$  yields  $340.84$  cfs.

<sup>24</sup> By contrast, the relationship between annual water production and MDD has not been as stable over time. Between 2002 and 2011, annual water production decreased by 14.7 percent while the MDD decreased by 11.7 percent.

As shown in Appendix A, page A-58, Suez’s maximum monthly production in 2065 is predicted to be 6,829,107,000 gallons during the month of August 2065, and MDD (or peak day production) is predicted to be approximately 239,702,000 gallons per day (6.829107 billion x 3.51% = 239.702 million gallons).

Gallons per day may be converted to cfs by dividing the number of gallons/day by 646,316.889. Thus, MDD of 239,702,000 gallons per day translates to a continuous instantaneous flow over that 24 hour period of 370.87 cfs.

IDWR’s *RAFN Guidance* employs the term MMAD (“Maximum Month Average Daily Demand”) to describe the average daily production in the highest production month of the year.<sup>25</sup> The guidance calls for a default peaking factor for MDD:MMAD of 1.3. *RAFN Guidance* (Table 5 at page 15) (revised Mar. 16, 2015). Prof. Church’s conversion factor (3.51 percent of the maximum monthly production) equates to peaking factor of 1.09, which is well below IDWR’s default peaking factor of 1.3.<sup>26</sup> These figures are displayed in the following Forecast Table 4:

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<sup>25</sup> The Department’s guidance contains these definitions:

Maximum Month Average Daily Demand (MMAD):

The maximum monthly average daily demand is the average daily demand from the peak demand month, which is typically July or August when out of home residential water use is at its peak. This value can only be calculated when municipal records contain monthly diversion data. It is obtained by dividing the monthly diversion volume by the number of days in the month, for each month, and selecting the largest monthly value.

Maximum Day Demand (MDD):

The design maximum day flow is the largest volume of flow to be received during a continuous 24 hour period in a calendar year, expressed as a volume per unit time. In order to determine this value, diversion records must have a daily recording interval. Often daily records are not available. In these instances MDD values can be estimated by multiplying ADD or MMAD values by an appropriate peaking factor. If storage is used by the water provider to meet peak demands, then the MDD value represents the maximum diversion rate that should be authorized by the RAFN water right permit.

*RAFN Guidance*, p. 14 (revised Mar. 16, 2015).

<sup>26</sup>  $0.0351 \text{ times } 31 \text{ days} = 1.09$ . Or,  $239,702,000 \text{ (MDD)} / 220,293,774 \text{ (MMAD)} = 1.09$ . Thus, since the average day total production in August 2065 (MMAD) is 340.84 cfs (see footnote 23), the peak day production (MDD) in August 2065 is that number times 1.09, which is 370.87 cfs.

| Forecast Table 4                         |                                |   |   |                                      |                               |
|--|--------------------------------|---|---|--------------------------------------|-------------------------------|
| Peaking Factor Calculation (August 2065) |                                |   |   |                                      |                               |
| Total Month Production (gallons)         | MMAD (gallons)<br>(Month ÷ 31) | MDD (gallons)<br>(based on month x .0351) | MDD (gallons)<br>(based on MMAD x 1.0881) | MDD (cfs)<br>(gallons ÷ 646,316.889) | Reference to Appendix A Pages |
| 6,829,107,000                            | 220,293,774                    | 239,701,656                               | 239,701,656                               | 370.87                               | A-58                          |

The peak hour demand (“PHD”) would be somewhat higher than 370.87 cfs, and the peak instantaneous demand (“PID”) would be higher yet. Prof. Church did not calculate those numbers because Suez expects to use storage within the delivery system to meet demand peaks during the course of the peak day.

**E. Rates of growth**

The bottom line is that the Church Forecast predicts a modest rate of growth over the next 50 years. A summary of growth in population, households, customers, and production is set out in Forecast Table 5 below.

**Forecast Table 5**  
**Growth and Rates of Growth (2015-2065):**  
**Population, Households, Customers, Production**

|  | 2015       | 2065       | Multiple of increase in 50 years | Annual increase % | Reference to Appendix A Pages |
|--|------------|------------|----------------------------------|-------------------|-------------------------------|
| Ada County population (year)                               | 431,010    | 998,120    | 2.3                              | 1.69%             | A-61, A-62, A-155, A-171      |
| Planning Area population (year)                            | 247,345    | 449,708    | 1.8                              | 1.20%             | A-155, A-171                  |
| Ada County households (year)                               | 161,214    | 391,798    | 2.4                              | 1.79%             | A-61, A-62, A-155, A-171      |
| Planning Area households (year)                            | 99,519     | 219,236    | 2.2                              | 1.59%             | A-155, A-171                  |
| # of Residential Customers (Sept.)                         | 80,285     | 197,427    | 2.5                              | 1.82%             | A-15, A-26                    |
| # of Commercial Customers (Sept.)                          | 9,089      | 19,665     | 2.2                              | 1.56%             | A-15, A-26                    |
| # of All Customers (Sept.)                                 | 91,001     | 220,862    | 2.4                              | 1.79%             | A-31, A-42                    |
| Total Residential Sales in Peak Month (1,000 gal.) (Sept.) | 1,705,537  | 4,494,806  | 2.6                              | 1.96%             | A-15, A-26                    |
| Total Residential Sales (annual) (1,000 gal.)              | 9,779,315  | 19,696,742 | 2.0                              | 1.41%             | A-3, A-4                      |
| Total Commercial Sales in Peak Month (1,000 gal.) (Sept.)  | 781,360    | 1,745,086  | 2.2                              | 1.62%             | A-15, A-26                    |
| Total Commercial Sales (annual) (1,000 gal.)               | 5,578,620  | 12,672,707 | 2.3                              | 1.65%             | A-3, A-4                      |
| Total Sales in Peak Month (1,000 gal.) (Sept.)             | 2,516,584  | 6,314,377  | 2.5                              | 1.86%             | A-31, A-42                    |
| Total Sales (annual) (1,000 gal.)                          | 15,484,647 | 32,645,637 | 2.1                              | 1.50%             | A-5, A-6                      |
| Total Production in Peak Month (Aug.)                      | 2,726,502  | 6,829,107  | 2.5                              | 1.85%             | A-47, A-58                    |
| Total Production (annual) (1,000 gal.)                     | 16,224,222 | 33,541,750 | 2.1                              | 1.46%             | A-7, A-8                      |
| Peak Day Production (MDD) (1,000 gal.)                     | 95,700     | 239,702    | 2.5                              | 1.85%             | A-7, A-8, A-47, A-58          |

Each of the items listed in Forecast Table 5 shows an annual increase of less than 2 percent (within a fairly tight range from 1.20% to 1.96%).

As shown in the table, Suez’s peak month total production and peak day production will increase by 1.85% each year, increasing by a multiple of 2.5 over 50 years. That is somewhat higher than the rate of projected population growth within the Planning Area (1.20% per year and a 50-year multiple of 1.8). This is because demand is driven more by the number of residential customers

than by the number of people. Indeed, the rate of growth in peak month production (1.85% per year) is in line with rate of growth in residential customers (1.82% per year). This reflects the fact that the number of persons per household is decreasing, resulting in a faster rate of household growth when compared to population growth.

The annual growth rate for commercial customers (1.56%) is also above the population growth rate in the Planning Area (1.20%). This reflects the fact that, as the Planning Area becomes denser and more urbanized, the number of businesses in relation to overall population will continue to increase.

Forecast Table 6 below summarizes the changes in demand-per-customer (for both residential and commercial customers), contrasting this with changes seen in other factors.

| <b>Forecast Table 6</b>                           |             |             |   |                          |                                   |
|---|-------------|-------------|---|--------------------------|-----------------------------------|
| <b>Changes in Demand per Customer (2015-2065)</b> |             |             |   |                          |                                   |
| <b>(All productions numbers in 1,000 gal.)</b>    |             |             |   |                          |                                   |
|   | <b>2015</b> | <b>2065</b> | <b>Multiple of increase in 50 years</b> | <b>Annual increase %</b> | <b>Reference Appendix A Pages</b> |
| # of Residential Customers (Sept.)                | 80,285      | 197,427     | 2.5                                     | 1.82%                    | A-15, A-26                        |
| Residential Use per Customer (Sept.)              | 21.24       | 22.77       | 1.1                                     | 0.14%                    | A-15, A-26                        |
| Total Residential Sales (1,000 gal.) (Sept.)      | 1,705,537   | 4,494,806   | 2.6                                     | 1.96%                    | A-15, A-26                        |
| Residential Use Per Customer (Jan.)               | 3.5         | 1.35        | 0.4                                     | -1.89%                   | A-15, A-26                        |
| Residential Use Per Customer (annual)             | 122.28      | 100.16      | 0.8                                     | -0.40%                   | A-3, A-4                          |
| # of Commercial Customers (Sept.)                 | 9,089       | 19,665      | 2.2                                     | 1.56%                    | A-15, A-26                        |
| Commercial Use per Customer (Sept.)               | 85.97       | 88.74       | 1.0                                     | 0.06%                    | A-15, A-26                        |
| Total Commercial Sales (Sept.)                    | 781,360     | 1,745,086   | 2.2                                     | 1.62%                    | A-15, A-26                        |
| # of All Customers (Sept.)                        | 91,001      | 220,862     | 2.4                                     | 1.79%                    | A-31, A-42                        |
| Total Sales (Sept.)                               | 2,516,584   | 6,314,377   | 2.5                                     | 1.86%                    | A-31, A-42                        |
| Total Production in Peak Month (Aug.)             | 2,726,502   | 6,829,107   | 2.5                                     | 1.85%                    | A-47, A-58                        |

As discussed in section V.D(5) (Demand per residential customer) beginning on page 24, the trend in average annual demand per residential customer is clearly downward. However, that decline is concentrated in the non-irrigation season. Per residential customer demand during the irrigation season is projected to be relatively stable throughout the Planning Horizon. As noted above, this is a conservative assumption, because no upward adjustment in demand was made to reflect the anticipated decline in the ratio number of NPI versus non-NPI households.

Meanwhile, as discussed in section V.D(6) (Demand per commercial customer) beginning on page 26, commercial demand per customer is projected to remain fairly stable. This reflects the fact that gains in conservation and efficiency will tend to be offset by the growing average size of commercial customers and the intensity of their water uses. For example, efficiency gains may allow a company to make a widget with less water. But, in the future, companies will tend to make more widgets per commercial customer.

## **VI. GAP ANALYSIS**

### **A. Overview**

This section of the *Master Water Plan* describes Suez's portfolio and analyzes the "gap" between that portfolio and what will be needed to cover Suez's RAFN through the end of the Planning Horizon in 2065. The protocol for evaluating the difference between a water provider's existing portfolio and its RAFN is referred to in the Department's *RAFN Guidance* as a "gap analysis." *RAFN Guidance*, p. 16. This analysis comports with that guidance.

As described in Step Twelve (section V.D(12) starting on page 30), the Church Forecast projects that Suez's peak day production (MDD) will be 370.87 cfs at the end of the Planning Horizon in 2065.

Comparing that to Suez's portfolio is not a trivial task. The company's portfolio consists of 125 ground and surface water rights and entitlements, including storage water entitlements. A spreadsheet displaying the elements of each water right and water entitlement is set out in Exhibit 2 at page 47. Because of the way they interact, determining the system-wide maximum authorized diversion rate for the entire portfolio involves more than summing the diversion rates stated on the face of the right or entitlement. Doing so would yield a total of 415.01 cfs. That simple addition overstates the extent of the system-wide right to divert by failing to adjust for three things: (1) combined instantaneous rate limits, (2) annual volume limits (individual and combined), and (3) temporal (timing/availability) considerations.

When the combined rate limits are taken into account, the total drops by 44.67 cfs to 370.34 cfs. When the volume limits are also taken into account, the total drops another 19.76 cfs to 350.58 cfs. When temporal considerations are taken into account, the highest potentially available system-wide rate drops another 20.00 cfs to 330.58 cfs. This last number is the meaningful one to use in the Gap Analysis.

The bottom line is that forecast peak day production in 2065 (370.87 cfs) exceeds Suez's current portfolio of water rights and entitlements, which authorize, at most, diversions of 330.58 cfs. These numbers are summarized in Forecast Table 7.

| <b>Forecast Table 7</b>   |               |
|---|---------------|
| <b>Summary of Gap Analysis</b>  |               |
| <b>Portfolio (all ground and surface rights and entitlements)</b>   | <b>cfs</b>    |
| Total "paper" diversion rate (sum of each right)  | 415.01        |
| Adjustment #1: Total diversion rate after accounting for combined rate limits                               | 370.34        |
| Adjustment #2: Total diversion rate after accounting for both combined rate limits and annual volume limits | 350.58        |
| Adjustment #3: Total diversion rate after also accounting for temporal considerations                       | <b>330.58</b> |
| <b>RAFN</b>   |               |
| Forecast for peak day (MDD) in 2065   | <b>370.87</b> |
| <b>Gap</b>  |               |
| Difference between portfolio and RAFN   | <b>40.29</b>  |

The three adjustments are explained more fully in the following sections.

**B. Adjustment #1: Combined diversion rate limits**

In some instances, two or more water rights will include a condition imposing a combined diversion rate for each of those rights. Typically (but not always) that combined limit is less than the sum of diversion rates on each right subject to the combined use limit. For example, water right nos. 63-04395, 63-08385, and 63-10150 have individual diversion rates that total 1.53 cfs. Yet they are subject to a combined diversion rate of 0.80 cfs. Thus, the sum of the rights overstates the amount that may actually be diverted.

When this adjustment is made for the entire portfolio of rights, the effective system-wide diversion rate drops 44.67 cfs, from 415.01 cfs to 370.34 cfs.

**C. Adjustment #2: Annual volume limits**

In addition, 30 of Suez's ground and surface water rights have annual volume limits. Annual volume limits restrict the amount of water that may be pumped under a right to something less than what could be diverted if the right were pumped constantly during its authorized period of use. For example, a 1.0 cfs year-round water right could divert a total of 724.0 AF if diverted constantly for an entire year. If the right had an annual volume limit of less than 724 acre feet, the right could not be diverted at its full authorized rate constantly for an entire year. For example, if this hypothetical 1.0 cfs water had a 362 AF annual volume limit (half of 724.0 AF/year), the right's annualized effective diversion rate would be reduced by half to 0.5 cfs for purposes of assessing Suez's portfolio. This calculation changes slightly where a right with an annual volume limit is authorized to divert for less than the entire year. (This primarily affects surface water rights. See footnote 27 at page 38.) For example, if the hypothetical 1.0 cfs right with a 362 AF annual volume limit was authorized to divert water only between March 1 and November 15 (a total of 259 days), the right's effective diversion rate would be reduced to 0.705 cfs ( $362 \text{ AF} \div 259 \text{ days} = 1.39768 \text{ AF/day} \div 1.9835 = 0.705 \text{ cfs}$ ).

In some cases, annual volume limits are specific to a single right. In other cases, groups of rights are subject to combined volume limits (analogous to the combined rate limits discussed above).

The same calculation described above for individual rights applies to annual volume limits affecting multiple rights. Once the combined volume limit is converted to cfs, that quantity is allocated among the rights by order of priority until none is left.

For example, if each of three water rights were authorized to divert year-round at up to 1.0 cfs, but were subject to a combined annual volume limit of 1,086 AF, all three would be considered to have a total combined diversion rate of 1.5 cfs (1,086 divided by the conversion factor of 723.9775). For purposes of the Gap Analysis, one would allocate 1.0 cfs to the most senior, 0.5 cfs to the next most senior, and zero to the most junior water right.

**D. Combining adjustments for diversion rate limits and volume limits**

An example from Suez’s portfolio is illustrated in the following table. This example involves three water rights each of which has (1) a combined diversion rate limit of 0.80 cfs and (2) a combined annual volume limit of 240.3 acre-feet.

| Forecast Table 8  |               |                                   |                            |                     |                           |                                |                     |                                     |
|---|---------------|-----------------------------------|----------------------------|---------------------|---------------------------|--------------------------------|---------------------|-------------------------------------|
| Elimination of Combined Annual Diversion Volume (Example) |               |                                   |                            |                     |                           |                                |                     |                                     |
| Right No.   | Priority Date | Div. Rate on face of rights (cfs) | Com-bined Rate Limit (cfs) | Allocation #1 (cfs) | Com-bined Vol. Limit (AF) | Effective Diversion Rate (cfs) | Allocation #2 (cfs) | Lesser of the two allocations (cfs) |
| 63-04395  | 6/1/1950      | 0.56                              | 0.80                       | 0.56                | 240.3                     | 0.33                           | 0.33                | 0.33                                |
| 63-08385  | 11/6/1977     | 0.49                              |                            | 0.24                |                           |                                | 0.00                | 0.00                                |
| 63-10150  | 7/1/1983      | 0.48                              |                            | 0.00                |                           |                                | 0.00                | 0.00                                |
| TOTAL (cfs)   |               | 1.53                              | 0.80                       | 0.80                |                           | 0.33                           | 0.33                | 0.33                                |

If the combined rate limit of 0.80 cfs were the only condition, the rate allocation to each of the water rights would be the one displayed under Allocation #1. However, that allocation is made irrelevant by the annual volume limit, which further reduces the combined diversion rate as shown in Allocation #2. (240.3 acre-feet divided by 723.9775 yields 0.33 cfs.)

The spreadsheet of the entire portfolio (Exhibit 2 at page 47) tracks this analysis for each right, always selecting the allocation that is the most restrictive.

As summarized in Forecast Table 9, after taking into account (1) the combined diversion rate limits and (2) annual diversion volume limits as described above (whichever is more restrictive), the authorized system-wide diversion rates of ground and surface water rights in Suez’s portfolio totals 350.58 cfs. This is a drop of 19.76 cfs from 370.34 cfs, when only combined diversion rates were considered.

| <b>Forecast Table 9</b>  |               |
|--|---------------|
| <b>Summary of Suez's Ground Water and Surface Water Rights</b>   |               |
| <b>(Mathematical sum after adjusting for rate and volume limits,<br/>but without adjustment for timing considerations)</b> |               |
|  | <b>Cfs</b>    |
| Ground Water (112 rights)  | 256.84        |
| Surface Water (11 rights)  | 93.74         |
| <b>TOTAL GROUND WATER AND SURFACE WATER</b>  | <b>350.58</b> |

The rate and volume limit adjustments for each water right in the portfolio are set out in spreadsheet reproduced in Exhibit 2 at page 47.

**E. Adjustment #3: Temporal considerations applicable to certain surface water rights**

With one exception, Suez's ground water rights are available year-round when in priority.<sup>27</sup> In contrast, most of Suez's surface rights are available only during particular times of the year.

The most common temporal consideration is a limitation to the irrigation season. Nine surface water rights totaling 48.94 cfs are available for diversion only during the irrigation season (beginning on March 1 or March 15 and ending on November 15).<sup>28</sup> All 48.94 cfs of these may be diverted at the Marden Treatment Plant; only 35.21 cfs may be diverted at the Columbia Treatment Plant.

As a practical matter, the irrigation season limitation does not affect Suez's ability to satisfy peak day demand because the peak day occurs during the irrigation season. Accordingly, no adjustment in rate of flow for purposes of the Gap Analysis is made to reflect the fact that some water rights are limited to irrigation season use.<sup>29</sup>

Two other types of temporal considerations may be relevant to satisfying peak day demand because they may occur during Suez's peak summer months: (1) exchanges of salmon flow augmentation water and (2) one right with a "flood release" condition. These two cannot occur

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<sup>27</sup> The only ground water right with a season of use limitation is No. 63-10945. The irrigation component for this right is available only during the irrigation season. The IMAP proposes to eliminate this season-of-use limitation, along with the annual volume limit, by reducing the authorized diversion rate to a quantity sufficient to avoid enlargement.

<sup>28</sup> This total of 48.94 cfs consists of 46.21 cfs in salmon flow exchange rights and another 2.73 cfs in other rights that are limited to the irrigation season.

<sup>29</sup> Of course, there is no guarantee that the salmon flow exchange water will be available during the time of peak demand. For purposes of the Gap Analysis, however, Suez optimistically assumes that it will be available. This is a conservative assumption in that it predicts a smaller "gap" than might actually occur.

at the same time, however.<sup>30</sup> Hence, they are not cumulative. As explained below, this results in a 20.0 cfs downward adjustment to the water right portfolio for purposes of the Gap Analysis.

Five of the nine rights with irrigation season limits, totaling 46.21 cfs, are “exchange” rights available only when the Bureau of Reclamation is releasing storage water for salmon flow augmentation, which in most recent years has occurred for only a few weeks in June, July, or August.<sup>31</sup> These rights authorize diversions from the Boise River in exchange for not diverting certain irrigation water rights originally developed on the Snake River.<sup>32</sup>

One of Suez’s surface water rights (No. 63-31409), a permit authorizing year-round diversions up to 20.0 cfs, contains a condition stating that “[t]he right holder shall exercise this right only when authorized by the District 63 watermaster when the Boise River is on flood release below Lucky Peak dam/outlet.” According to the federal Water Control Manual for Boise River Reservoirs (April 1985), flood control operations may occur anytime between November 1 and July 31. In addition, the permit contains a condition allowing diversions only if they would not reduce river flows below 1,100 cfs (from March 1 to May 21) or 240 cfs (from June 1 to February 29). To Suez’s knowledge, these conditions have never been enforced by IDWR. In flood control years, flood control releases generally are indistinguishable from the salmon flow augmentation releases, although after-the-fact accounting ensures they never overlap.<sup>33</sup>

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<sup>30</sup> Stored water released from the federal reservoirs for purposes other than delivery to right holders is deemed to be either (1) salmon flow augmentation water or (2) flood or other “operational” release. Thus, water released for flood control will not be deemed salmon flow water, and vice versa.

<sup>31</sup> These exchange rights may be diverted only if they do not reduce river flows below 1,100 cfs (from March 1 to May 21) or 240 cfs (from June 1 to February 29). For purposes of this Gap Analysis, we assume that they will be available. Thus, the gap actually could be somewhat larger than displayed here.

<sup>32</sup> All 46.21 cfs may be diverted at the Marden Treatment Plant, while only 35.21 cfs may also be diverted at the Columbia Treatment Plant. The “Wilson Exchange” authorizes 11 cfs, and up to 2,745 AF/year, of Boise River diversions in exchange for Snake River right No. 2-2339. The “Initial Butte Exchange” authorizes 35.21 cfs, and up to 9,247.5 AF/year, of Boise River diversions in exchange for Snake River right nos. 2-2341, 2-2358, and 2-2420. The Wilson Exchange is diverted from the Boise River under right No. 2-2339. The Initial Butte Exchange diverts water from the Boise River under right No. 63-31871.

<sup>33</sup> According to Rex Barrie (Water District 63 Watermaster) and Liz Cresto (IDWR hydrologist in charge of surface water accounting), salmon flow augmentation typically occurs immediately following flood control releases in years when flood control operations occur. In such years, the difference between these releases is not noticeable or known when they occur—their timing is later determined by an after-the-fact accounting procedure. In years when flood control operations occur, water is released from Lucky Peak Dam in winter, spring, and early summer for flood control. In these years, the Bureau will plan to leave vacant storage space at the end of the flood control period (*i.e.*, to purposefully fail to fill the reservoir after flood control operations), and to credit the volume of vacant space to salmon flow augmentation. In other words, the amount of storage space that is unfilled at the end of the flood control season is deemed to have been released for salmon flow augmentation and is credited toward that purpose. Afterward, through an accounting procedure, IDWR determines which releases were for flood control and which were for salmon flow augmentation. Because of this, it is impossible to predict in any future year precisely when flood control and salmon flow augmentation will occur. In years when no flood control releases occur, salmon flow releases obviously are easier to identify. In any case, salmon flow releases never consist of the same water as flood releases.

Accordingly, as mentioned above, right no, 63-31409 is not available when the exchange rights are available, and vice-versa.

Because the salmon flow exchange water rights and the “flood release” water right cannot be used at the same time, the portfolio is reduced by elimination of the smaller of the two—the 20.0 cfs flood release right (No. 63-31409).

After taking combined diversion rate limits and annual diversion volume limits into account, the following table summarizes Suez’s ground and surface water right portfolio according to the temporal considerations described above:

| <b>Forecast Table 10</b>  |  |                   |
|---|--|-------------------|
| <b>Summary of Suez’s Ground Water and Surface Water Rights Temporal Limitations</b>   |  |                   |
| <b>(Showing quantities “after” the adjustments for flow rate and annual volume limitations)</b>   |  |                   |
| <b>Ground Water</b>   |  |                   |
| TOTAL GROUND WATER (year-round)   |  | 256.84 cfs        |
| <b>Surface Water</b>  |  |                   |
| <i>Year-round rights (including storage entitlements)</i>   |  | <i>24.80 cfs</i>  |
| <i>Rights potentially available during flood control releases</i>   | <i>(May occur anytime between Nov. 1 and July 31, but not overlapping exchange rights)</i> | <i>20.00 cfs</i>  |
| <i>Exchange rights potentially available during salmon flow augmentation releases</i>   | <i>(Typically June, July, or August, but not overlapping flood control releases)</i>       | <i>46.21 cfs</i>  |
| <i>Rights available during the irrigation season</i>  | <i>(Mar. 1 or 15 through Nov. 15)</i>  | <i>2.73 cfs</i>   |
| TOTAL SURFACE WATER   |  | 93.74 cfs         |
| <b>TOTAL GROUND WATER AND SURFACE WATER</b><br><b>(Before adjustment for temporal limitations)</b>  |  | <b>350.58 cfs</b> |
| <b>ADJUSTED TOTAL GROUND WATER AND SURFACE WATER</b><br><b>(After excluding the 20 cfs “flood release” right, which cannot be used at the same time as the exchange rights)</b> |  | <b>330.58 cfs</b> |

Based on the information in Forecast Table 10, the following table displays the potential maximum diversion rate during each month of the year under Suez’s existing portfolio:

**Forecast Table 11**

**Maximum cfs potentially available in portfolio for each month**

|                              |               |               |               |               |               | MAXIMUM PORTFOLIO POTENTIALLY AVAILABLE |               |               |               |               |               |               |            |
|------------------------------|---------------|---------------|---------------|---------------|---------------|---|---------------|---------------|---------------|---------------|---------------|---------------|------------|
|                              | Jan           | Feb           | Mar           | Apr           | May           | Jun                                     | Jul           | Aug           | Sep           | Oct           | Nov           | Dec           |            |
| <b>Ground Water</b>          | 256.84        | 256.84        | 256.84        | 256.84        | 256.84        | 256.84                                  | 256.84        | 256.84        | 256.84        | 256.84        | 256.84        | 256.84        | <b>GW</b>  |
| <b>Surface &amp; Storage</b> | 44.80         | 44.80         | 47.53         | 47.53         | 47.53         | 73.74                                   | 73.74         | 73.74         | 27.53         | 27.53         | 47.53         | 44.80         | <b>SW</b>  |
| <b>Total</b>                 | <b>301.64</b> | <b>301.64</b> | <b>304.37</b> | <b>304.37</b> | <b>304.37</b> | <b>330.58</b>                           | <b>330.58</b> | <b>330.58</b> | <b>284.37</b> | <b>284.37</b> | <b>304.37</b> | <b>301.64</b> | <b>sum</b> |

*This table represents the "potential" maximum cfs for each month based on the availability shown in Forecast Table 10. The months of June through August are the only ones that include the exchange rights. But those months do not also include the "flood release" right, which cannot be used at the same time as the exchange rights. These are "potentially" available rights showing a best-case outlook for the size of the portfolio. The actual availability of the exchange rights and the flood release right varies from year to year.*

As shown in Forecast Table 11, after taking into account combined rate limits, annual volume limits, and temporal considerations, Suez’s ground and surface water rights authorize a potential maximum diversion rate of 330.58 cfs during June, July and August, and a lesser rate at other times of year.

**F. The gap between Suez’s current portfolio and its projected water demand**

As described above in section V.D(12) (Peak day production) starting on page 30, Suez’s peak day production (also known as MDD) in August 2065 is forecasted to be 370.87 cfs. This demand is greater than can be filled using the potential maximum potential diversion rate in August under Suez’s current portfolio, which is 330.58 cfs as shown in Forecast Tables 7, 10, and 11. In other words, there is a “gap” of 40.29 cfs.<sup>34</sup>

Suez’s current portfolio is sufficient to cover its current demands and RAFN through the year 2058. Suez’s forecasted MDD in 2058 is 210,663,000 gallons/day, which equates to 325.94 cfs diverted for a continuous 24 hours.<sup>35</sup> See Appendix A, at pages A-8 and A-57. Thus, Suez’s portfolio of 330.58 cfs includes a tiny surplus of water rights for the year 2058, but that surplus disappears in the following year.

Accordingly, it appears that, at some point, Suez will need to acquire additional water rights and/or other entitlements in order to cover all of its RAFN projected in the Church Forecast.

<sup>34</sup> Prof. Church’s forecast predicts that Suez’s demand for non-peak months in 2065 will be lower than Suez’s potentially available portfolio shown in Forecast Table 11. For example, as shown in Appendix A, page A-58, in July 2065, peak day production (MDD) will be 191,008,000 gallons (i.e, 295.53 cfs, obtained by dividing by 646,316.889). That is less than Suez’s portfolio of 330.58 cfs. In other words, the gap is limited to peak production days in August. Suez’s portfolio is sufficient to meet forecasted demand during the rest of 2065.

<sup>35</sup> The conversion factor is: 1 cfs = 646,316.889 gallons/day.

The IMAP now pending before IDWR does not seek any appropriation of water rights. It merely seeks to change points of diversion on existing water rights. Filling the gap identified here will require future action in the form of some combination of (1) purchase of existing water rights or other entitlements from others and transfer/exchange to Suez, (2) the appropriation of new water rights, and (3) the acquisition of entitlements in new or expanded storage facilities. The approval of the RAFN quantification in the IMAP will facilitate such future transactions. Indeed, such approval is critical, because under current Department guidance,<sup>36</sup> additional municipal water rights may not be obtained through appropriation without an approved gap analysis. Without RAFN approval, it would appear that Suez will have no gap to fill. The guidance does not say whether similar restrictions would apply to forms of water acquisition other than appropriation or whether the restrictions would apply following RAFN approval. Conceivably, however, Suez could be denied the right not only to appropriate but to participate in programs to enhance water storage and other water available in the Treasure Valley or to acquire additional water rights from willing sellers.

Finally, it bears emphasis that the analyses set out in this *Master Water Plan* are not fixed in time. The forecast of future needs will evolve over time, as will Suez's portfolio. Accordingly, this Gap Analysis will be updated from time to time as appropriate.

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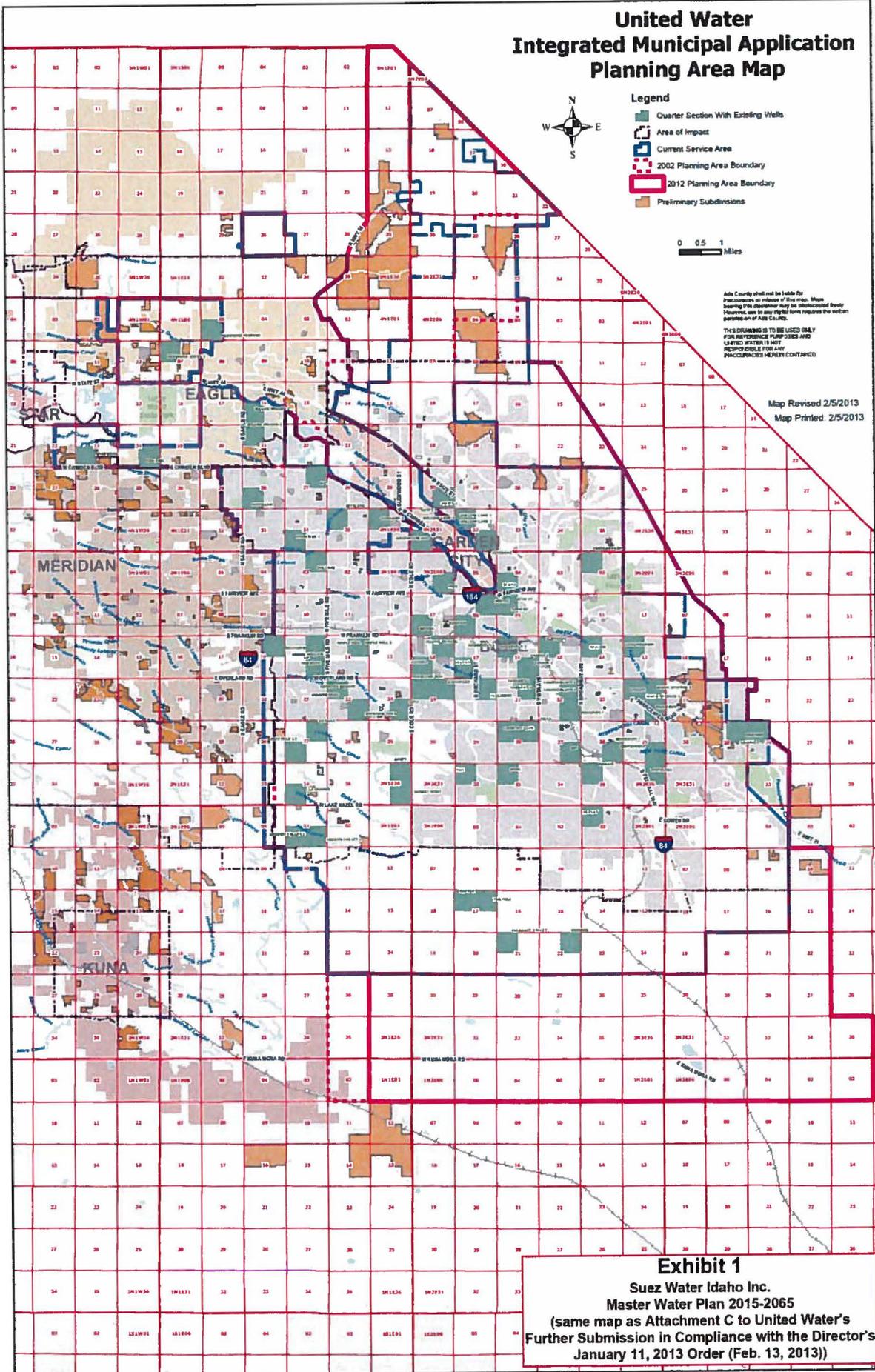
<sup>36</sup> Jeff Peppersack, *Administrator's Memorandum – Processing Applications and Amendments and Determining Beneficial Use for Non-RAFN Municipal Water Rights* (Application Processing No. 18; Licensing No. 1), pages 3-4 (Oct. 19, 2009).

**Exhibit 1 PINK LINE MAP**

Note: A larger version of this map is available upon request.



# United Water Integrated Municipal Application Planning Area Map



**Exhibit 1**  
**Suez Water Idaho Inc.**  
**Master Water Plan 2015-2065**  
 (same map as Attachment C to United Water's  
 Further Submission in Compliance with the Director's  
 January 11, 2013 Order (Feb. 13, 2013))



## **Exhibit 2 SUEZ WATER RIGHTS PORTFOLIO SUMMARY**

Note: A Compact Disk containing an electronic version of the portfolio spreadsheet is also available for reference.



**Suez's Portfolio of Water Rights, Permits, and Other Entitlements (excluding water bank rentals and short term leases)  
(Non-IMAP rights in yellow)**

Dated 4-28-2017

| Right Number         | Source                 | Priority as of 2016 (original priority in brackets if different than 2016) | Purpose of Use as of 2016 | CFS as of 2016 (on face of right) | Rights sharing combined diversion rate limits in 2016 | CFS as of 2016 (reduced to account for combined rate limits) | AFA as of 2016 | Rights sharing combined annual volume limits in 2016 | CFS as of 2016 (reduced to account for elimination of individual and combined annual volume limits) | EFFECTIVE CFS as of 2016 (accounting for the lower of reduction due to combined rate limits and elimination of volume limits) | Original well or diversion name | POD(s) as of 2016                         | Post-IMAP transfer PODs | Place of Use as of 2016 | Period of Use as of 2016 | Current basis (or basis prior to decree, if any) | SRBA status                                     |
|----------------------|------------------------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|---------------------------------|---|-------------------------|-------------------------|--------------------------|--|---|
| 125                  | <--count               |  | total -->                 | 415.01                            |   | 370.34   |                |  | 350.58  |   |                                 |   |                         |                         |                          |  |   |
| 2-02339              | Wilson Exchange        | 12/7/1964  | Irrigation                | 11.00                             |   | 11.00  | 2745.00        |  | 11.00   |   |                                 | Marden surface water intake               |                         | Suez Service Area       | 3/15-11/15               | Exchange   | Partial Decree                                  |
| 2-02341              | Initial Butte Exchange | 12/28/1964   | Irrigation                | 12.52                             | 2-02341<br>2-02358<br>2-02420<br>63-31871             | 0.00   | 2817.00        | 2-02341<br>2-02358<br>2-02420<br>63-31871            | 0.00  | 0.00  |                                 | Marden and Columbia surface water intakes |                         | Suez Service Area       | 3/15-11/15               | Exchange   | Partial Decree                                  |
| 2-02358              | Initial Butte Exchange | 7/28/1964  | Irrigation                | 14.60                             | 2-02341<br>2-02358<br>2-02420<br>63-31871             | 0.00   | 3262.50        | 2-02341<br>2-02358<br>2-02420<br>63-31871            | 0.00  | 0.00  |                                 | Marden and Columbia surface water intakes |                         | Suez Service Area       | 3/15-11/15               | Exchange   | Partial Decree                                  |
| 2-02420              | Initial Butte Exchange | 12/31/1963   | Irrigation                | 14.08                             | 2-02341<br>2-02358<br>2-02420<br>63-31871             | 0.00   | 3168.00        | 2-02341<br>2-02358<br>2-02420<br>63-31871            | 0.00  | 0.00  |                                 | Marden and Columbia surface water intakes |                         | Suez Service Area       | 3/15-11/15               | Exchange   | Partial Decree                                  |
| 63-20041 (63-00165L) | Boise River            | 6/1/1866   | Municipal                 | 0.68                              |   | 0.68   |                |  | 0.68  | 0.68  |                                 | Marden surface water intake               |                         | Suez Service Area       | 3/1-11/15                | prior decree                                     | Partial Decree (issued to Boise City Canal Co.) |
| 63-00169F            | Boise River            | 6/1/1868   | Municipal                 | 0.81                              |   | 0.81   | 199.00         |  | 0.39  | 0.39  |                                 | Marden surface water intake               |                         | Suez Service Area       | 3/1-11/15                | prior decree                                     | Partial Decree                                  |
| 63-00243E            | Boise River            | 5/1/1889   | Municipal                 | 3.30                              |   | 3.30   | 682.00         |  | 1.33  | 1.33  |                                 | Marden surface water intake               |                         | Suez Service Area       | 3/1-11/15                | prior decree                                     | Partial Decree                                  |
| 63-00243H            | Boise River            | 5/1/1889   | Municipal                 | 0.93                              |   | 0.93   | 172.00         |  | 0.33  | 0.33  |                                 | Marden surface water intake               |                         | Suez Service Area       | 3/1-11/15                | prior decree                                     | Partial Decree                                  |
| 63-02500             | GW                     | 8/30/1934  | Municipal                 | 0.80                              |   | 0.80   |                |  | 0.80  | 0.80  | Thirteenth                      | 43 APODs                                  | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree                                  |
| 63-02506             | GW                     | 6/5/1935   | Municipal                 | 1.66                              |   | 1.66   |                |  | 1.66  | 1.66  | Mountain View                   | 42 APODs                                  | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree                                  |
| 63-02576             | GW                     | 4/26/1938  | Municipal                 | 1.90                              |   | 1.90   |                |  | 1.90  | 1.90  | Orchid                          | 42 APODs                                  | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree                                  |
| 63-02595             | GW                     | 8/31/1966  | Municipal                 | 1.34                              |   | 1.34   |                |  | 1.34  | 1.34  | Roosevelt #1                    | 42 APODs                                  | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree                                  |
| 63-02605             | GW                     | 7/2/1943   | Municipal                 | 0.90                              |   | 0.90   |                |  | 0.90  | 0.90  | 27th & Lemp                     | 42 APODs                                  | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree                                  |
| 63-02668             | GW                     | 7/15/1947  | Municipal                 | 2.14                              |   | 2.14   |                |  | 2.14  | 2.14  | Arctic #1                       | 42 APODs                                  | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree                                  |

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|--------------|--------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|---------------------------------------|----------------------------|----------------------------|-------------------------|--------------------------|--|----------------|
| 63-02703     | GW     | 6/23/1948  | Municipal                 | 5.00                              |   | 5.00   |                |  | 5.00  | 5.00  | Cliffside                             | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02808     | GW     | 4/3/1950   | Municipal                 | 3.10                              |   | 3.10   |                |  | 3.10  | 3.10  | Longmeadow                            | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02874     | GW     | 8/18/1951  | Municipal                 | 4.00                              |   | 4.00   |                |  | 4.00  | 4.00  | Sixteenth St.                         | 43 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02892     | GW     | 2/7/1952   | Municipal                 | 6.18                              |   | 6.18   |                |  | 6.18  | 6.18  | Marden Collectors Veterans Collectors | Marden Collectors (3 PODs) | Marden Collectors (3 PODs) | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02915     | GW     | 11/17/1952   | Municipal                 | 2.00                              |   | 2.00   | 1031.40        | 63-02915<br>63-03239                                 | 1.42  | 1.42  |                                       | 42 APODs                   |                            | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02954     | GW     | 8/27/1953  | Municipal                 | 0.90                              |   | 0.90   |                |  | 0.90  | 0.90  | Empire                                | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02956     | GW     | 8/27/1953  | Municipal                 | 0.56                              |   | 0.56   |                |  | 0.56  | 0.56  | Biggs                                 | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-02989     | GW     | 6/2/1954   | Municipal                 | 1.00                              |   | 1.00   |                |  | 1.00  | 1.00  | Westland Acres                        | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03064     | GW     | 10/31/1955   | Municipal                 | 1.22                              |   | 1.22   |                |  | 1.22  | 1.22  | Westmoreland                          | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03073     | GW     | 1/4/1956   | Municipal                 | 2.00                              |   | 2.00   |                |  | 2.00  | 2.00  | Country Club                          | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03105     | GW     | 12/19/1956   | Municipal                 | 2.00                              |   | 2.00   |                |  | 2.00  | 2.00  | Franklin Park                         | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03112     | GW     | 9/11/1957  | Municipal                 | 1.44                              |   | 1.44   |                |  | 1.44  | 1.44  | Kirkwood                              | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03128     | GW     | 4/24/1958  | Municipal                 | 4.44                              |   | 4.44   |                |  | 4.44  | 4.44  | Taggart #1                            | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03164     | GW     | 8/5/1959   | Municipal                 | 1.73                              |   | 1.73   |                |  | 1.73  | 1.73  | Sunrise                               | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03172     | GW     | 10/14/1959   | Municipal                 | 2.22                              |   | 2.22   |                |  | 2.22  | 2.22  | Hummel                                | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03202     | GW     | 6/8/1960   | Municipal                 | 2.89                              |   | 2.89   |                |  | 2.89  | 2.89  | Chamberlin #1                         | 42 APODs                   | 81 APODs                   | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |

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|--------------|--------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|---------------------------------|--|-------------------------|-------------------------|--------------------------|--|----------------|
| 63-03239     | GW     | 6/22/1961  | Municipal                 | 2.80                              |   | 2.80   | 1197.00        | 63-02915<br>63-03239                                 | 0.42  | 0.42  |                                 | 42 APODs                                       |                         | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03291     | GW     | 5/21/1962  | Municipal                 | 2.40                              |   | 2.40   |                |  | 2.40  | 2.40  | Willow Lane #1                  | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03292     | GW     | 5/21/1962  | Municipal                 | 2.26                              |   | 2.26   |                |  | 2.26  | 2.26  | Chamberlin #2                   | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03293     | GW     | 5/21/1962  | Municipal                 | 3.56                              |   | 3.56   |                |  | 3.56  | 3.56  | Roosevelt #3                    | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03295     | GW     | 5/24/1962  | Municipal                 | 3.24                              |   | 3.24   |                |  | 3.24  | 3.24  | Vista                           | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03411     | GW     | 6/17/1964  | Municipal                 | 1.50                              |   | 1.50   | 178.00         |  | 0.25  | 0.25  | Willow Lane #2                  | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03448     | GW     | 4/27/1965  | Municipal                 | 4.90                              |   | 4.90   |                |  | 4.90  | 4.90  | Beacon                          | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03457     | GW     | 7/14/1965  | Municipal                 | 1.67                              | 63-3457<br>63-10945                                   | 1.67   | 168.00         |  | 0.23  | 0.23  | Warm Springs Mesa #1 and #2     | T3N, R2E, S.24, SW,NE<br>(2 PODs in Q-Q)       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03494     | GW     | 3/8/1966   | Municipal                 | 6.44                              |   | 6.44   |                |  | 6.44  | 6.44  | Hilton                          | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-03562     | GW     | 11/7/1966  | Municipal                 | 1.47                              |   | 1.47   |                |  | 1.47  | 1.47  | Overland #6                     | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-04015     | GW     | 10/17/1960   | Municipal                 | 2.00                              |   | 2.00   |                |  | 2.00  | 2.00  | B.I.F.                          | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-04395     | GW     | 6/1/1950   | Municipal                 | 0.56                              | 63-08385<br>63-10150<br>63-04395                      | 0.56   |                | 63-08385<br>63-10150<br>63-04395                     | 0.33  | 0.33  | Barber #1                       | T3N, R3E, S.28, SW,NW<br>T3N, R3E, S.29, SE,NE | 81 APODs                | Suez Service Area       | 1/1-12/31                | Beneficial use                                   | Partial Decree |
| 63-04414     | GW     | 7/1/1943   | Municipal                 | 1.11                              |   | 1.11   |                |  | 1.11  | 1.11  | Junker                          | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-04424     | GW     | 7/1/1943   | Municipal                 | 1.33                              |   | 1.33   |                |  | 1.33  | 1.33  | Byrd                            | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-04752     | GW     | 1/1/1947   | Municipal                 | 1.11                              |   | 1.11   |                |  | 1.11  | 1.11  | Central Park                    | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07066     | GW     | 2/28/1968  | Municipal                 | 5.80                              |   | 5.80   |                |  | 5.80  | 5.80  | Goddard                         | 42 APODs                                       |                         | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |

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|--------------|--------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|---------------------------------|-------------------|-------------------------|-------------------------|--------------------------|--|----------------|
| 63-07067     | GW     | 2/28/1968  | Municipal                 | 2.84                              |   | 2.84   |                |  | 2.84  | 2.84  | Idaho                           | 43 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07204     | GW     | 3/13/1969  | Municipal                 | 1.82                              |   | 1.82   |                |  | 1.82  | 1.82  | Arctic #2                       | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07282     | GW     | 12/2/1969  | Municipal                 | 4.12                              |   | 4.12   |                |  | 4.12  | 4.12  | Hillcrest                       | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07348     | GW     | 7/14/1970  | Municipal                 | 6.60                              |   | 6.60   |                |  | 6.60  | 6.60  | Bethel                          | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07479     | GW     | 8/20/1971  | Municipal                 | 7.00                              |   | 7.00   |                |  | 7.00  | 7.00  | Broadway                        | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07577     | GW     | 4/6/1972   | Municipal                 | 2.01                              |   | 2.01   |                |  | 2.01  | 2.01  | Terteling                       | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07589     | GW     | 4/20/1972  | Municipal                 | 4.40                              |   | 4.40   |                |  | 4.40  | 4.40  | Ball Hai #1                     | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07641     | GW     | 8/17/1972  | Municipal                 | 2.00                              | 63-07641<br>63-08405                                  | 2.00   |                |  | 2.00  | 2.00  | Hidden Valley Estates #1        | 12 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07658     | GW     | 1/8/1973   | Municipal                 | 1.06                              |   | 1.06   |                |  | 1.06  | 1.06  | Ball Hai #1                     | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07896     | GW     | 11/13/1973   | Municipal                 | 0.25                              |   | 0.25   |                |  | 0.25  | 0.25  | Five Mile Estates W. #1         | 13 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07979     | GW     | 5/13/1974  | Municipal                 | 2.00                              |   | 2.00   | 1268.00        |  | 1.75  | 1.75  | Hidden Valley Estates #2        | 12 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-07998     | GW     | 6/25/1974  | Municipal                 | 1.27                              |   | 1.27   | 658.00         |  | 0.91  | 0.91  | Five Mile Estates W. #2         | 12 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08011     | GW     | 7/18/1974  | Municipal                 | 3.00                              |   | 3.00   | 276.00         |  | 0.38  | 0.38  | Countryman Estates              | 12 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08059     | GW     | 11/12/1974   | Municipal                 | 0.57                              |   | 0.57   |                |  | 0.57  | 0.57  | Willow Lane #3                  | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08236     | GW     | 11/28/1975   | Municipal                 | 3.63                              |   | 3.63   |                |  | 3.63  | 3.63  | Centennial                      | 42 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08248     | GW     | 1/2/1976   | Municipal                 | 1.57                              |   | 1.57   | 843.30         |  | 1.16  | 1.16  | Victory                         | 12 APODs          | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |

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|--------------|--------|--|---------------------------|-----------------------------------|---|--|----------------|--|--|---|---------------------------------|--|-------------------------|-------------------------|--------------------------|--|----------------|
| 63-08265     | GW     | 2/23/1976  | Municipal                 | 2.37                              |   | 2.37   |                |  | 2.37   | 2.37  | Brookhollow No. 1               | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08385     | GW     | 11/6/1977  | Municipal                 | 0.49                              | 63-08385<br>63-10150<br>63-04395                      | 0.24   | 182.40         | 63-08385<br>63-10150<br>63-04395                     | 0.00   | 0.00  | Barber #1                       | T3N, R3E, S.28, SW,NW<br>T3N, R3E, S.29, SE,NE | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08405     | GW     | 1/12/1977  | Municipal                 | 2.00                              | 63-07641<br>63-08405                                  | 1.12   | 1320.00        |  | 1.82   | 1.12  | Hidden Valley Estates #1        | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08432     | GW     | 2/10/1977  | Municipal                 | 1.78                              |   | 1.78   |                |  | 1.78   | 1.78  | Sunset West #1                  | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08635     | GW     | 8/17/1983  | Municipal                 | 0.89                              |   | 0.89   | 106.20         |  | 0.15   | 0.15  | Sherman Oaks                    | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-08990     | GW     | 7/19/1977  | Municipal                 | 4.00                              |   | 4.00   |                |  | 4.00   | 4.00  | Cole                            | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09087     | GW     | 11/25/1977   | Municipal                 | 3.40                              |   | 3.40   |                |  | 3.40   | 3.40  | Country Squire                  | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09106     | GW     | 1/23/1978  | Municipal                 | 1.12                              |   | 1.12   |                |  | 1.12   | 1.12  | Paradise North                  | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09147     | GW     | 6/6/1978   | Municipal                 | 4.00                              |   | 4.00   |                |  | 4.00   | 4.00  | Swift #1                        | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09198     | GW     | 1/2/1979   | Municipal                 | 2.45                              |   | 2.45   |                |  | 2.45   | 2.45  | Five Mile West #12              | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09199     | GW     | 1/3/1979   | Municipal                 | 3.12                              |   | 3.12   |                |  | 3.12   | 3.12  | La Grange                       | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09204     | GW     | 1/9/1979   | Municipal                 | 4.00                              |   | 4.00   |                |  | 4.00   | 4.00  | Joplin                          | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09205     | GW     | 1/9/1979   | Municipal                 | 4.00                              |   | 4.00   |                |  | 4.00   | 4.00  | Settlers                        | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09219     | GW     | 3/20/1979  | Municipal                 | 2.23                              |   | 2.23   |                |  | 2.23   | 2.23  | Logger                          | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09223     | GW     | 4/3/1979   | Municipal                 | 4.23                              |   | 4.23   |                |  | 4.23   | 4.23  | Amity                           | 42 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |
| 63-09384     | GW     | 5/27/1980  | Municipal                 | 1.00                              |   | 1.00   | 420.00         |  | 0.58   | 0.58  | Lizaso Well                     | 12 APODs                                       | 81 APODs                | Suez Service Area       | 1/1-12/31                | License  | Partial Decree |

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|--------------|--------|--|---------------------------------------|-----------------------------------|---|--|----------------|--|---|---|----------------------------------|--|-------------------------|---|--------------------------|--|-------------------|
| 63-09671     | GW     | 2/25/1981  | Municipal                             | 2.12                              |   | 2.12   |                |  | 2.12  | 2.12  | Maple Hills #1                   | 42 APODs                                       | 81 APODs                | Suez Service Area   | 1/1-12/31                | License  | Partial Decree    |
| 63-09855     | GW     | 12/23/1981   | Municipal                             | 3.34                              |   | 3.34   |                |  | 3.34  | 3.34  | Frontier                         | 42 APODs                                       | 81 APODs                | Suez Service Area   | 1/1-12/31                | License  | Partial Decree    |
| 63-10150     | GW     | 7/1/1983   | Municipal                             | 0.48                              | 63-08385<br>63-10150<br>63-04395                      | 0.00   | 56.10          | 63-08385<br>63-10150<br>63-04395                     | 0.00  | 0.00  | Barber #1<br>Barber #2           | T3N, R3E, S.29, SE,NE<br>T3N, R3E, S.28, SW,NW | 81 APODs                | Suez Service Area   | 1/1-12/31                | License  | Partial Decree    |
| 63-10386     | GW     | 9/19/1986  | Municipal                             | 1.11                              |   | 1.11   |                |  | 1.11  | 1.11  | Marden (well)                    | T3N, R2E, S.14, SE,NE (lot 7)                  | 81 APODs                | Suez Service Area   | 1/1-12/31                | License  | Partial Decree    |
| 63-10391     | GW     | 11/14/1986   | Municipal                             | 0.30                              |   | 0.30   | 62.40          |  | 0.09  | 0.09  | Overland Estates                 | 12 APODs                                       | 81 APODs                | Suez Service Area   | 1/1-12/31                | License  | Partial Decree    |
| 63-10405     | GW     | 3/17/1987  | Municipal                             | 1.56                              |   | 1.56   |                |  | 1.56  | 1.56  | River Run                        | T3N, R2E, S.24, SW,SE                          | 81 APODs                | Suez Service Area   | 1/1-12/31                | License  | Partial Decree    |
| 63-10569     | GW     | 2/5/1988   | Municipal                             | 1.78                              |   | 1.78   |                |  | 1.78  | 1.78  | J.R. Flat                        | T2N, R2E, S.2, NW,NW                           | 81 APODs                | Within city limits of Boise   | 1/1-12/31                | License  | Post-SRBA license |
| 63-10688     | GW     | 8/15/1988  | Municipal                             | 2.00                              |   | 2.00   |                |  | 2.00  | 2.00  | Swift #2                         | T4N, R2E, S.30, SW,SE                          | 81 APODs                | Within the city limits of Boise and the surrounding service area  | 1/1-12/31                | License  | Post-SRBA license |
| 63-10862     | GW     | 7/18/1989  | Municipal                             | 1.44                              |   | 1.44   |                |  | 1.44  | 1.44  | Bergeson                         | T3N, R2E, S.26, NW,NE,SE                       | 81 APODs                | Within the city limits of Boise and the surrounding service area  | 1/1-12/31                | License  | Post-SRBA license |
| 63-10945     | GW     | 10/29/1989   | Irrigation, Domestic, Fire Protection | 1.72                              | 63-3467<br>63-10945                                   | 1.43   | 393.00         |  | 0.54  | 0.54  | Warm Springs Mesa #1, #2, and #3 | T3N, R2E, S.24, NE,SW,NE (lot 2) 3PODs         | 81 APODs                | T3N, R3E, S19 NWNE, NENW, SWNW, SENW, NESW, NWSW; S24 SENE (lot 2); 256 homes and 53 acres within 71 acre PPU | 1/1-12/31, 3/15-11/15    | License  | Post-SRBA license |
| 63-11034     | GW     | 10/22/1989   | Municipal                             | 2.74                              |   | 2.74   |                |  | 2.74  | 2.74  | Mac                              | T3N, R2E, S.32, NW,NW                          | 81 APODs                | Within the Boise Water Corp. service area   | 1/1-12/31                | License  | Post-SRBA license |
| 63-11068     | GW     | 11/17/1989   | Municipal                             | 2.79                              |   | 2.79   |                |  | 2.79  | 2.79  | Clinton                          | T3N, R2E, S.8, NE,SW                           | 81 APODs                | Within the Boise Water Corp. service area   | 1/1-12/31                | License  | Post-SRBA license |
| 63-11090A    | GW     | 1/21/1990  | Municipal                             | 1.73                              |   | 1.73   | 376.40         |  | 0.52  | 0.52  | Floating Feather                 | T4N, R1E, S.5, SE,SW                           | 81 APODs                | Within Suez's municipal service area  | 1/1-12/31                | License  | Post-SRBA license |

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**Suez's Portfolio of Water Rights, Permits, and Other Entitlements (excluding water bank rentals and short term leases)  
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Dated 4-28-2017

| Right Number | Source | Priority as of 2016 (original priority in brackets if different than 2016) | Purpose of Use as of 2016 | CFS as of 2016 (on face of right) | Rights sharing combined diversion rate limits in 2016 | CFS as of 2016 (reduced to account for combined rate limits) | AFA as of 2016 | Rights sharing combined annual volume limits in 2016 | CFS as of 2016 (reduced to account for elimination of individual and combined annual volume limits) | EFFECTIVE CFS as of 2016 (accounting for the lower of reduction due to combined rate limits and elimination of volume limits) | Original well or diversion name        | POD(s) as of 2016  | Post-IMAP transfer PODs | Place of Use as of 2016   | Period of Use as of 2016 | Current basis (or basis prior to decree, if any) | SRBA status       |
|--------------|--------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|--|--|-------------------------|---|--------------------------|--|-------------------|
| 63-11118     | GW     | 2/1/1990   | Municipal                 | 2.78                              |   | 2.78   |                |  | 2.78  | 2.78  | Cassia                                 | T3N, R2E, S.16, NE,SE  | 81 APODs                | Within the city limits of Boise and the surrounding area served by Boise Water Corp.                          | 1/1-12/31                | License  | Post-SRBA license |
| 63-11232     | GW     | 2/12/1990  | Municipal                 | 2.83                              |   | 2.83   |                |  | 2.83  | 2.83  | Hope                                   | T3N, R1E, S.9, SE,NE   | 81 APODs                | Within city limits of Boise   | 1/1-12/31                | License  | Post-SRBA license |
| 63-11384     | GW     | 8/7/1990   | Municipal                 | 3.12                              |   | 3.12   |                |  | 3.12  | 3.12  | H.P.                                   | T4N, R1E, S.27, SE,NE  | 81 APODs                | Within the city limits of Boise and the surrounding   | 1/1-12/31                | License  | Post-SRBA license |
| 63-11385     | GW     | 8/7/1990   | Municipal                 | 2.58                              |   | 2.58   |                |  | 2.58  | 2.58  | Market                                 | T3N, R2E, S.35, NE,NW  | 81 APODs                | Within the Boise Water Corp. service area   | 1/1-12/31                | License  | Post-SRBA license |
| 63-11467     | GW     | 2/21/1991  | Municipal                 | 2.27                              |   | 2.27   | 520.00         |  | 0.72  | 0.72  | Island Woods #1<br>Island Woods #2     | T4N, R1E, S.16, NW,SW (lot 5)<br>T4N, R1E, S.16, SW,SW   | 81 APODs                | Within the service area of Suez   | 1/1-12/31                | License  | Post-SRBA license |
| 63-11558     | GW     | 6/24/1991  | Municipal                 | 2.67                              | 63-11558<br>63-12363                                  | 2.67   |                |  | 2.67  | 2.67  | Fisk                                   | T3N, R2E, S.6, SE,SE   | 81 APODs                | Within the city limits of Boise and the surrounding service area  | 1/1-12/31                | License  | Post-SRBA license |
| 63-11878     | GW     | 6/15/1992  | Municipal                 | 0.99                              |   | 0.99   | 190.50         |  | 0.26  | 0.26  | Redwood Creek                          | T4N, R1E, S.7, SW,NW (lot 2)<br>T4N, R1E, S.8, SE,NW   | 81 APODs                | Within the service area of Suez   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-11950     | GW     | 10/14/1992   | Municipal                 | 2.30                              |   | 2.30   |                |  | 2.30  | 2.30  | Taggart #2                             | T3N, R2E, S.21, NE,NE  | 81 APODs                | Within the city limits of Boise and the surrounding service area of Suez                                      | 1/1-12/31                | License  | Post-SRBA license |
| 63-11951     | GW     | 10/14/1992   | Municipal                 | 0.85                              |   | 0.85   |                |  | 0.85  | 0.85  | Overland                               | T3N, R2E, S.19, NE,NW  | 81 APODs                | Within the city limits of Boise and the surrounding service area of Suez                                      | 1/1-12/31                | License  | Post-SRBA license |
| 63-11990     | GW     | 1/27/1993  | Domestic, Fire Protection | 1.80                              |   | 1.80   | 624.00         |  | 0.86  | 0.86  | Edgeview                               | T3N, R1E, S.16, SE,NE  | 81 APODs                | T3N, R1E, S16 NW1/4; S16 NE1/4  | 1/1-12/31                | License  | Post-SRBA license |
| 63-12043     | GW     | 7/23/1993  | Municipal                 | 4.46                              |   | 4.46   |                |  | 4.46  | 4.46  | Tenmile Raptor Pleasant Valley Pioneer | T2N, R2E, S.17, SE,NE<br>T2N, R2E, S.17, NW,NW<br>T2N, R2E, S.21, NE,NW<br>T2N, R2E, S.22, NW,NE | 81 APODs                | Within the service area of Suez; generally described as the city limits of Boise and surrounding service area | 1/1-12/31                | License  | Post-SRBA license |

**Suez's Portfolio of Water Rights, Permits, and Other Entitlements (excluding water bank rentals and short term leases)  
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|--------------|-------------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|--|--|---|---|--------------------------|--|-------------------|
| 63-12055     | Boise River | 9/8/1993   | Municipal                 | 24.80                             |   | 24.80  |                |  | 24.80   | 24.80   | Marden surface water intake            | T3N, R2E, S.14, SE,NE (lot 7)  | T3N, R2E, S.14, SE,NE (lot 7)<br>T2N, R2E, S.4, NW,NE | City limits of Boise and the area of certification  | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-12138     | GW          | 8/19/1994  | Municipal                 | 3.90                              |   | 3.90   |                |  | 3.90  | 3.90  | Tennile Raptor Pleasant Valley Pioneer | T2N, R2E, S.17, SE,NE<br>T2N, R2E, S.17, NW,NW<br>T2N, R2E, S.21, NE,NW<br>T2N, R2E, S.22, NW,NE | 81 APODs  | Within the city limits of Boise and the surrounding area served by Suez                                       | 1/1-12/31                | License  | Post-SRBA license |
| 63-12139     | GW          | 8/19/1994  | Municipal                 | 3.20                              |   | 3.20   |                |  | 3.20  | 3.20  | Tennile Raptor Pleasant Valley Pioneer | T2N, R2E, S.17, SE,NE<br>T2N, R2E, S.17, NW,NW<br>T2N, R2E, S.21, NE,NW<br>T2N, R2E, S.22, NW,NE | 81 APODs  | Within the city limits of Boise and the surrounding area served by Suez                                       | 1/1-12/31                | License  | Post-SRBA license |
| 63-12140     | GW          | 10/19/1994   | Municipal                 | 3.50                              |   | 3.50   |                |  | 3.50  | 3.50  | McMillan                               | T4N, R1E, S.28, SW,SW  | 81 APODs  | Within the city limits of Boise and the surrounding service area  | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-12192     | GW          | 8/6/2002 (3/31/1995)   | Municipal                 | 5.00                              |   | 5.00   |                |  | 5.00  | 5.00  | Floating Feather Redwood               | T4N, R1E, S.5, SE,SW<br>T4N, R1E, S.7, SW,NW (lot 2)   | 81 APODs  | Certificated Area   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-12310     | GW          | 8/29/2001 (1/19/1996)  | Municipal                 | 3.00                              |   | 3.00   |                |  | 3.00  | 3.00  | Veterans                               | T4N, R2E, S.32, SE,SE (lot 1)  | 81 APODs  | Certificated Area   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-12334     | GW          | 3/8/1995   | Municipal                 | 0.38                              |   | 0.38   | 42.00          |  | 0.06  | 0.06  | Spurwing Foxtail                       | T4N, R1W, S.23, NE,SW<br>T4N, R1W, S.24, SW,SE   | 81 APODs  | Within the service area of Suez   | 1/1-12/31                | License  | Post-SRBA license |
| 63-12362     | GW          | 9/30/1996  | Fire Protection           | 2.22                              |   | 2.22   |                |  | 2.22  | 2.22  | Foxtail                                | T4N, R1W, S.24, SW,SE  | 81 APODs  | T4N, R1W, S24 SWSE  | 1/1-12/31                | License  | Post-SRBA license |
| 63-12363     | GW          | 9/9/1996   | Municipal                 | 4.50                              | 63-11558<br>63-12363                                  | 2.83   |                |  | 4.50  | 2.83  | Cassia #2                              | T3N, R2E, S.16, NENESE (Cassia #2)<br>T3N, R2E, S.06, SWSESE (Fisk)                              |   | Within the service area of Suez; generally described as the city limits of Boise and surrounding service area | 1/1-12/31                | License  | Post-SRBA license |
| 63-12452     | GW          | 4/15/1998  | Municipal                 | 4.50                              |   | 4.50   |                |  | 4.50  | 4.50  | Floating Feather Redwood               | T4N, R1E, S.5, SE,SW<br>T4N, R1E, S.7, SW,NW (lot 2)   | 81 APODs  | Within the service area of Suez   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-12464     | GW          | 7/13/1998  | Municipal                 | 0.30                              |   | 0.30   |                |  | 0.30  | 0.30  | Barber #1<br>Barber #2                 | T3N, R3E, S.29, SE,NE<br>T3N, R3E, S.28, SW,NW   | 81 APODs  | Within the Service Area of the Barber Water Corp.   | 1/1-12/31                | Permit   | Post-SRBA permit  |

**Suez's Portfolio of Water Rights, Permits, and Other Entitlements (excluding water bank rentals and short term leases)  
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|----------------|------------------------|--|---------------------------|-----------------------------------|---|--|----------------|--|---|---|---------------------------------|--|-------------------------|---|--------------------------|--|-------------------|
| 63-12516       | GW                     | 4/13/1999  | Municipal                 | 4.00                              |   | 4.00   |                |  | 4.00  | 4.00  | Spurwing Foxtail                | T4N, R1W, S.23, NE,SW<br>T4N, R1W, S.24, SW,SE | 81 APODs                | Within the service area of Suez   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-19456       | GW                     | 3/31/1953  | Municipal                 | 1.60                              |   | 1.60   |                |  | 1.60  | 1.60  | Twenty-seventh                  | 43 APODs                                       | 81 APODs                | Within the service area of Suez; generally described as the city limits of Boise and surrounding service area | 1/1-12/31                | Beneficial use                                   | Partial Decree    |
| 63-31406       | GW                     | 1/18/2002  | Municipal                 | 1.11                              |   | 1.11   |                |  | 1.11  | 1.11  |                                 | T3N, R1E, Sec. 14, NE,NE                       |                         | Within the service area of Suez   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-31409       | Boise River            | 11/16/2001   | Municipal                 | 20.00                             |   | 20.00  |                |  | 20.00   | 20.00   |                                 | Marden and Columbia surface water intakes      |                         | Suez Service Area   | 1/1-12/31                | Permit   | Post-SRBA permit  |
| 63-31797       | GW                     | 6/1/1895   | Municipal                 | 2.63                              |   | 2.63   |                |  | 2.63  | 2.63  | Marden Collectors               | Marden Collectors (3 PODs)                     |                         | Suez Service Area   | 1/1-12/31                | Beneficial use                                   | Partial Decree    |
| 63-31798       | GW                     | 6/1/1899   | Municipal                 | 1.55                              |   | 1.55   |                |  | 1.55  | 1.55  | Marden Collectors               | Marden Collectors (3 PODs)                     |                         | Suez Service Area   | 1/1-12/31                | Beneficial use                                   | Partial Decree    |
| 63-31856       | GW                     | 6/2/1890   | Municipal                 | 2.12                              |   | 2.12   |                |  | 2.12  | 2.12  |                                 | 42 APODs                                       |                         | Suez Service Area   | 1/1-12/31                | Beneficial use                                   | Partial Decree    |
| 63-31857       | GW                     | 7/21/1928  | Municipal                 | 2.48                              |   | 2.48   |                |  | 2.48  | 2.48  |                                 | 42 APODs                                       |                         | Suez Service Area   | 1/1-12/31                | Beneficial use                                   | Partial Decree    |
| 63-31871       | Initial Butte Exchange | 12/31/1963   | Irrigation                | 35.21                             | 2-02341<br>2-02358<br>2-02420<br>63-31871             | 35.21  | 9247.50        | 2-02341<br>2-02358<br>2-02420<br>63-31871            | 35.21   | 35.21   |                                 | Marden and Columbia surface water intakes      |                         | Suez Service Area   | 3/15-11/15               | Exchange   | Post-SRBA license |
| 63-31879       | GW                     | 12/31/1910   | Municipal                 | 4.64                              |   | 4.64   |                |  | 4.64  | 4.64  | Marden Collectors               | Marden Collectors (3 PODs)                     |                         | Suez Service Area   | 1/1-12/31                | Beneficial use                                   | Partial Decree    |
| Anderson Ranch | Boise River            |  |                           |                                   |   |  | 1000.00        |  |   |   |                                 | Marden and Columbia surface water intakes      |                         | Suez Service Area   | 1/1-12/31                | 40-year contract                                 | not claimed       |
| Lucky Peak     | Boise River            |  |                           |                                   |   |  | 1100.00        |  |   |   |                                 | Marden and Columbia surface water intakes      |                         | Suez Service Area   | 1/1-12/31                | 40-year contract                                 | not claimed       |

Master Water Plan for the Years 2015 to 2065  
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**Exhibit 3 AFFIDAVIT OF JOHN S. CHURCH**



**AFFIDAVIT OF JOHN S. CHURCH**

JOHN C. CHURCH, being first duly sworn hereby states as follows:

1. I am president of Idaho Economics, an economic consulting firm located in Boise, Idaho. The firm's mailing address is P.O. 45694, Boise, Idaho 83711. I am an independent economic consultant and a visiting assistant professor in the Economics Department at Boise State University. I have a Bachelor of Science degree in civil engineering from the University of Washington, a Bachelor of Business Administration degree from Boise State University, and Master of Science degree in economics from the University of Idaho. Prior to becoming an economic consultant I was corporate economist for Idaho Power Company in Boise, Idaho.

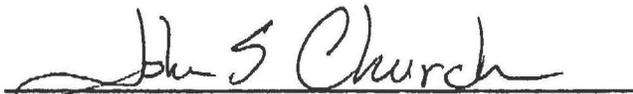
2. I have personal knowledge of the facts herein and testify on the basis of such personal knowledge.

3. For more than a decade, I have been retained by Suez and its predecessor, United Water Idaho Inc. (collectively "Suez") to prepare its water demand forecasts, including the economic, demographic, and population forecasting models used to prepare its water demand forecasts.

4. Appendix A of Suez's *Master Water Plan for the Years 2015 to 2065* contains the results of my economic, demographic, population, and water demand forecast modeling completed in 2016.

5. I supervised the preparation of section V (entitled "The Church Forecast: Quantifying Suez's reasonably anticipated future needs during the Planning Horizon") of the *Master Water Plan for the Years 2015 to 2065*, which describes forecasting methodology that I employed to produce the information contained in Appendix A. I have reviewed and approved the final version of that section.

DATED this 1<sup>st</sup> day of August, 2016.

  
John S. Church

SUBSCRIBED AND SWORN to before me this 1<sup>st</sup> day of August, 2016.



Linda L. Blanc  
Notary Public of Idaho  
Residing at: Boise, ID  
Commission Expires: 12/12/2021

**Exhibit 4 RESUME OF JOHN S. CHURCH**



## **John S. Church**

12477 W. Edna Dr.  
Boise, Idaho 83713-1954  
Voice: (208) 323-0732  
Cell: (208) 284-0836  
e-mail: ideconomics@earthlink.net

### **Summary of Qualifications**

Lecturer, Department of Economics, Boise State University  
Principle, Idaho Economics (An Economic Consulting and Forecasting Firm)  
Lecturer, Department of Economics, Boise State University  
Corporate Economist, Idaho Power Company, Boise, Idaho. 1980 - 1997  
Author of detailed annual Regional Economic and Demographic Forecasts  
Past member of the Western Blue Chip Economic Forecast Panel

### **Professional Experience**

Corporate Economist, Idaho Power Company, Boise, Idaho. 1980 - 1997

Mr. Church has nearly 20 years of experience in the energy industry. For the past fifteen years, Mr. Church has annually prepared regional economic forecasts as an integral part of long-term utility resource and financial planning. These forecasts included the preparation of economic and demographic forecasts for the state of Idaho and the Idaho Power Company service area. In this role, Mr. Church developed a Regional Econometric Model of the state of Idaho. The model, a simultaneous equation Economic-Demographic model, provides projections of output and employment for the major industries in Idaho, and population (by age cohort and sex), households (by age of head of household and household size), industry average wages and salaries (for major industries in the state) and personal income (by income component) for the state of Idaho and the Idaho Power Company service territory.

These forecasts have proven to be quite accurate, earning Mr. Church the honor of being the most accurate economic forecaster in the Western Blue Chip Economic Forecast Panel in two of the past ten years.

Mr. Church developed a further enhancement to the State of Idaho Economic Forecast with a forecast of economic activity for each of Idaho's forty-four counties. Initially the forecasts of economic activity in each of Idaho's counties was developed as a tool to aid in the spatial evaluation of Idaho Power Company's future human and equipment resource needs in preparation for customer growth. However, these forecasts of economic activity and population and household growth have been widely accepted by the State's business and government communities. Today, these forecasts are used by many private firms and government entities as an integral part of their planning process.

Mr. Church also had past responsibilities for the preparation and analysis of annual electricity sales and load forecasts, as well as forecasts of system peak electricity loads over a 25 year forecast horizon. These economic projections were the basis for forecasts of future revenue, power plant operation and fuel procurement needs, as well as forecasts of the needs for future electricity supply.

Mr. Church has also developed methodologies for the weather normalization of sales that has been used by electric and water utilities for internal financial analysis and use in utility regulatory proceedings. In other areas of economic

forecasting and analysis Mr. Church has developed methodologies for forecasting future coal prices for existing long-term fuel supply contracts. These forecasts have provided clients with a higher degree of accuracy in the budgeting of future operating expenses.

Mr. Church played an integral role in the evaluation, negotiation, and litigation of long-term fuel supply contracts. He has made recommendations and prepared strategies to overcome particular sticking points in the negotiation process that allowed both parties to capture the economic benefits desired. In addition, the coal price forecasting capability allowed for a timely and detailed economic cost-benefit analysis of negotiating positions and proposals.

Other projects that Mr. Church has participated in include:

The evaluation of national and international markets for various types of renewable energy supplies.

The preparation of studies on the impact of differing energy tax proposals on electric utility operating costs plus, an analysis of the potential effects on operating costs of competing electric utilities in the Northwest.

Development of an extensive country screening methodology for the evaluation of foreign business climates for a client's potential foreign investments. This screening methodology utilized a first phase macroeconomic evaluation to eliminate some countries from further evaluation thereby minimizing the expenses of additional market research or ongoing sales activities in areas that may have poor potential for future market growth.

The preparation of population and demographic forecasts for a client's site location evaluation process. These forecasts provided detailed annual estimates of future population by county, ZIP Code area, age cohort, sex over a twenty year time horizon. Projections of the annual number of births, by age of mother, and deaths by age cohort were also provided for the requested geographic areas.

The preparation of an economic and local government fiscal impact analysis for a large residential planned community in Southwest Idaho.

The preparation of forecasted economic and demographic impacts on the local county and city governments and upon the local school districts in a sparsely populated Idaho County due to the development, construction, and ongoing operation of a \$1.1 billion year-round resort complex.

Prepared an evaluation of the potential economic impacts on four South Central Idaho Counties due to the potential short-term closure of a large food processing plant.

Examined the potential fiscal impacts that could result from a proposal to modify teacher certification standards for Idaho's elementary and secondary public school teachers.

Prepared forecasts of the number of customers by geographic area, customer water usage by class of customer, water losses, utility company internal use, and water used for hydrant flows by month for a major water utility.

Prepared a economic and fiscal impact analysis for a \$1.4 billion coal-fired electric generating plant proposed for South Central Idaho.

Prepared an economic and fiscal impact analysis of a phosphate fertilizer plant and phosphate mine located in Southeast Idaho on the Idaho and western Wyoming economies.

Mr. Church has also prepared and presented testimony to State of Idaho regulatory agencies and economic testimony for utility clients in state and federal courts.

As a well-known economist, Mr. Church has made numerous speeches and presentations to private, government, and civic organizations throughout Idaho and the Northwest. Over the last five years, the total annual audience, at speeches and presentations by Mr. Church has averaged nearly three thousand per year. Often asked by the news media for comments and opinions on the current economic environment, Mr. Church has been frequently quoted in the local Idaho print and television media and has also been cited in national publications such USA Today, Newsweek, Time, The Kiplinger Washington Letter, and The Wall Street Journal.

## **Education**

**University of Idaho** 1979 - 1981

*Moscow, ID*

Major: Economics, MS degree.

**Boise State University** 1976 - 1979

*Boise, ID*

Major: Business Administration, Minor: Economics, BBA degree

**University of Washington** 1967 - 1971

*Seattle, WA*

Major: Civil Engineering, Minor: Mathematics

## **Selected Publications and Presentations:**

Annual economic outlook presentations for the state of Idaho to the Joint Select Committee on Revenue Projections of the Idaho State Legislature, January of the years 1983 - 1986 and 1988 - 2005.

Member of the Boise Visions Project Planning Committee. (City of Boise's Comprehensive Planning Project), and Liaison to the Boise Visions Executive Committee for the Utility and Water Planning Subcommittees, 1992

Member of the Ada Planning Association Demographic Advisory Committee: 1991, 1995, and 1997.

Economic Outlook Presentation to Boise Chamber of Commerce Executive Retreat, Sun Valley, Idaho, Sept. 1994

Kick-Off speaker, Idaho Manufactured Housing Association Annual Convention, Boise, ID, Annually 1991 - 2004.

Panelist, Boise Chamber of Commerce's Annual Economic Outlook Breakfast, Annually 1991 - 2003, 2008-2010.

Keynote speaker, Idaho Building Operators Association Annual Meeting, Sun Valley, Idaho, April 1998.

Keynote speaker, Idaho Hispanic Business Association Annual Meeting, Boise, Idaho, April 1998.

Panelist, Caldwell, Idaho Chamber of Commerce's Economic Outlook Breakfast, November 1998.

Keynote speaker, Franklin Building Supply's Contractor's Economic Outlook Forum, Boise, January 2001, 2002

Keynote speaker, D.L. Evans Bank Economic Outlook Forum, Boise, February 2001, 2002, 2003, & 2004.

Keynote speaker, Idaho Building Operators Association Annual Meeting, Boise, March 2001.

Keynote speaker, Nampa, Idaho Chamber of Commerce's Economic Outlook Breakfast, January 2002.

Speaker, Idaho Department of Transportation's, Transportation 2020 Conference, Boise, March 2000.

Columnist, Quarterly Reviews of Idaho's Economy for the Idaho Statesman, Boise, Idaho

Keynote speaker, Idaho Mortgage Banker's Association, Boise, April 2002-2010

Keynote speaker, Boise Chamber of Commerce's Annual Economic Outlook Breakfast, November 2009, 2010, 2011

Testimony presented to the Nampa City Council concerning the development of the Southwest Idaho Treatment Center Property (SWITC), December 2014

Testimony presented to a select group of Idaho Legislators from Canyon County in Idaho concerning the development of the SWITC property, November 2014

**Past and/or Current Economic Consulting and Forecast Clients:**

|  |                                       |
|--|---------------------------------------|
| Agrium U.S.A.  | Boise Metro Chamber of Commerce       |
| City of Boise, Idaho   | CH2M Hill                             |
| Farmers and Merchant's State Bank                              | Goldman Sachs                         |
| Idaho Department of Water Resources                            | Idaho State Attorney General's Office |
| Idaho Small Business Development Center – Pocatello            | Idaho Power Company                   |
| Idaho Groundwater Users Association                            | McCall Memorial Hospital, McCall, ID  |
| Intermountain Gas Company                                      | Magic Valley Regional Medical Center  |
| Northwest Research Group                                       | Power Engineers                       |
| St. Lukes Regional Medical Center                              | United Water Idaho                    |
| SunCor Idaho, LLC  | Holland and Hart, LLC                 |
| Idaho Department of Education                                  | Hecla Mining Co.                      |
| Browning Ferris Industries (BFI)                               | Idaho Hospital Association            |
| Tamarack Resort  | Sun Valley Development L.L.C.         |
| Idaho National Laboratory (INL)                                | -Warm Springs Ranch Development       |
| Community Planning Association of<br>Southwest Idaho (COMPASS) | JR Simplot Company                    |
| Thompson Creek Mining Co.                                      | SunCor – Idaho, LLC                   |
| Idaho Groundwater Users Association                            | Harris Ranch Planned Community        |
| Idaho Department of Education                                  | M3 Companies, Pheonix, AZ             |
|  | SPF Water Engineering                 |

**Additional Professional Activities:**

Instructor, Department of Continuing Education, Boise State University: 1986 – 2000

Lecturer, Department of Economics, Boise State University: 2000 – Present

**Past Users of State and County Economic Forecasts Prepared by John Church:**

**Idaho Chambers of Commerce:**

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Blackfoot Chamber of Commerce      | Moscow Chamber of Commerce        |
| Boise Area Chamber of Commerce     | Mountain Home Chamber of Commerce |
| Bonner County Economic Development | Nampa Chamber of Commerce         |
| Caldwell Chamber of Commerce       | Ontario Chamber of Commerce       |
| Coeur d'Alene Chamber of Commerce  | Payette Chamber of Commerce       |
| Eagle Chamber of Commerce          | Pocatello Chamber of Commerce     |
| Grangeville Chamber of Commerce    | Rexburg Chamber of Commerce       |
| Homedale Chamber of Commerce       | Soda Springs Chamber of Commerce  |
| Idaho Falls Chamber of Commerce    | St. Anthony Chamber of Commerce   |
| Jerome Chamber of Commerce         | Twin Falls Chamber of Commerce    |
| Lewiston Chamber of Commerce       | Washington County Economic Dev.   |
| Meridian Chamber of Commerce       |                                   |

**Past Users of State and County Economic Forecasts Prepared by John Church:**

**State & Local Government:**

|   |   |
|---|---|
| Ada County, Ada County Sheriff  | Idaho Falls, City of                              |
| Ada Planning Association  | Idaho Housing Agency                              |
| Boise City Economic Development, Planning & Zoning, Police Department, & Public Works | Idaho State University                            |
| Blaine County Planning & Zoning Commission  | Idaho Supreme Court                               |
| Boise County Planning & Zoning  | Malheur County Planning and Zoning                |
| Boise Neighborhood Housing Services   | Mountain Home, City of                            |
| Boise State University  | Nampa City Hall                                   |
| Caldwell, City of   | State of Nevada, State Demographer's Office - UNR |
| Canyon County Planning and Zoning   | Nez Perce County Planning                         |
| College of Southern Idaho   | Nyssa, City of                                    |
| Custer County Planning & Zoning   | Ontario, City of                                  |
| Elmore County Planning & Zoning   | Payette County Planning and Zoning                |
| Emmett, City of   | Pocatello, City of                                |
| Filer, City of  | Port of Lewiston                                  |
| Idaho State Government: Departments of:   | Twin Falls, City of                               |
| Agriculture, Corrections, Commerce, Education,  | University of Idaho                               |
| Financial Management, Law Enforcement   | Washington County Planning and Zoning             |
| Transportation, Tax Commission, & Water Resources                                     | Valley County Planning & Zoning                   |

**Private Sector:**

|   |                                       |
|---|---------------------------------------|
| Albertsons Inc.                                     | JUB Engineers                         |
| Associated Food Stores                              | Kootenai Electric - Coop.             |
| Bank of America - Boise, Los Angeles, San Francisco | Kootenai Regional Medical Center      |
| Bannock Regional Medical Center                     | KTVB                                  |
| BMC West  | Lockheed Martin Idaho Technologies    |
| Caldwell Economic Development Project               | Magic Valley Regional Medical Center  |
| CHQSA Architects                                    | Marples Business Newsletter           |
| Consolidated Supply                                 | McCall Memorial Hospital, McCall, ID  |
| Cornerstone Research                                | Medical Center Physicians             |
| Davis, Wright, Tremaine                             | Medical Service Bureau                |
| DBSI Realty   | Moodys Investor Service               |
| Dow Jones Co., New York                             | Mountain States Appraisal             |
| Dun & Bradstreet, New Jersey                        | O'Neill Enterprises Inc.              |
| Foodmaker, Inc                                      | Pocatello Regional Medical Center     |
| Global Travel                                       | Post Register - Post Falls            |
| Group Health Northwest                              | St. Alphonsus Regional Medical Center |
| Hecla Mining Company                                | St. Lukes Regional Medical Center     |
| Henkle-Buchanan Group                               | U.S. BanCorp                          |
| Holland & Hart                                      | United Water - Idaho                  |
| IDA-ORE Economic Development                        | Qwest Communications                  |
| Idaho State Journal                                 | Valley Medical Center                 |
| Intermountain Gas Company                           | Washington Federal Savings            |
| Intermountain Health Care                           | Washington Water Power                |
| International Strategies                            | Wausau Insurance Co.                  |

**Consulting Engagements in 2013 – February 2015:**

**M3 Companies, Pheonix, AZ**

Update of the economic and fiscal impact analysis of the proposed Spring Valley planned community development in Eagle, ID

**Given Pursley/United Water, Boise, ID:**

Prepared long-term forecast of population, households, and water demand forecasts for United Water Idaho. The forecasts are integral part of United Water's IMAP application to the Idaho Department of Water Resources necessary for them to validate their existing water rights to serve the City of Boise, Idaho and in order for them to secure future water rights to serve future residential, commercial, and industrial customer growth in United Water's service area in Southwest Idaho.

**Intermountain Gas Company, Boise, ID:**

Prepared economic forecasts of population, households and employment for the 23 counties in southern Idaho served by Intermountain Gas Company. These forecasts are a key component of Intermountain Gas Company's biannual Integrated Resource Plan filings with the Idaho Public Utilities Commission.

**The Land Group, Eagle, ID:**

Prepared projections of future commercial development potential of 630 acres of prime development property owned by the Idaho Department of Health and Welfare. Examined historic commercial growth near the Nampa, ID site, examined current land values of commercial property near the site, and made projections of future employment and fiscal impacts upon the affected public service providers if the Idaho Department of Health and Welfare property is developed in the future.

**The Land Group, Eagle, ID:**

Prepared demographic profiles of the City of Eagle, ID for use in developing an upate of the Eagle Parks and Recreation Departments's comprehensive plan for park growth in the City of Eagle. Also evaluated currently available and future funding mechanisms for the acquisition of additional land for parks in the City of Eagle.

**SPF Water Enginerring, Boise, ID:**

Prepared long-term forecasts of population, households, and employment by Traffic Analysis Zone's (TAZs), US Postal Service ZIP Code areas, and city for the communities in Ada, Canyon, and Elmore counties in Idaho as part of a larger project to project water demand by type of water user in the Boise River Basin for the Idaho Department of Water Resources.

**Idaho Groundwater Users Association, Boise, ID:**

Prepared an economic analysis of the Rangen Company's water delivery call to the Idaho Department of Water Resources and prepared and presented testimony concerning the delivery call to the Department of Water Resources.

**Exhibit 5 REPORT AND AFFIDAVIT OF DON C. READING**



A Review of the  
Population and Water Demand Forecasts in  
Suez Idaho Inc.'s  
Master Water Plan (2015 – 2065)

July 8, 2016

**Ben Johnson Associates, Inc.**

6070 Hill Road      Phone: (208) 342-1700  
Boise, Idaho 83703      Fax: (208) 384-1511

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## Executive Summary<sup>1</sup>

This Report describes an investigation to determine the reasonableness of the demographic and water use forecasts in Suez Water Idaho Inc.'s *Master Water Plan For the Years 2015 to 2065* (adopted in 2016) ("Master Water Plan") that supports Suez's IMAP application. Suez Water Idaho Inc. ("Suez" or the "Company") was formerly known as United Water Idaho Inc.) This Report generally follows the reasonably anticipated future needs (RAFN) Guidance issued by the Idaho Department of Water Resources, comparing Suez's forecasts with methodologies, standards, and benchmarks in the RAFN Guidance. This Report also examines the technical aspects of the methods used to produce Suez's forecasts, and employs additional methods to test the reasonableness of Suez's assumptions and forecasts.

Suez's population and water demand forecasts are reasonable when compared to other contemporary forecasts. The contemporary forecasts used for comparison in this Report were developed for TV CAMP, COMPASS, and the Department's 2001 DCMI Report.<sup>2</sup> An additional check of Suez's population projections was made using the Department's population forecasting tool referenced in the RAFN Guidance. With the exception of one model form—which, as explained in the Report, is not a good predictor of future population—all of Suez's projections are lower or equal to the other forecasts derived from the Department's forecasting tool.

Suez's water demand forecasts for residential and commercial customers (which historically have comprised 99% of Suez's total water sales) result from regression analyses based on forecasts of Ada County households, and non-agricultural employment. These regression equations contain logically selected driving variables and have robust statistical fits.

A hurdle in preparing Suez's forecast, and in comparing it to others, is the fact that Suez's Planning Area encompasses portions of multiple incorporated and unincorporated areas in

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<sup>1</sup>Capitalized terms used in this Executive Summary are defined in the main text of the Report.

<sup>2</sup>The analysis in this Report was undertaken prior to the release of *Treasure Valley DCMI Water-Demand Projections (2015-2065)* undertaken by SPF Water Engineering, LLC on behalf of the Idaho Water Resource Board and the Idaho Department of Water Resources.

Ada County. No other available population or water demand forecast has precisely the same geographical scope as Suez's Planning Area. To corroborate its residential and commercial water demand forecasts, Suez's demographic and forecasting consultant, Mr. John Church with Idaho Economics, matched the geographical boundaries of Suez's Planning Area with Traffic Analysis Zones, or TAZs, defined by COMPASS. Mr. Church also identified and performed field inspections of potential growth areas using his professional judgment to aid in developing a forecast of population growth in individual TAZs within Suez's Planning Area. Although different growth assumptions could be made among the various TAZ, the fact that Suez's projections are consistent with other contemporary forecasts indicates as a whole they are within reason.

Most of the future growth within Suez's Planning Area will occur where non-potable irrigation water systems are not available. Where these systems operate, demand for irrigation water provided by Suez is reduced. Subdivisions without these systems consume approximately one-third more water for lawns and gardens than those that have them, thus increasing Suez's peak water demand. Suez's water demand forecast assumes the future use of such systems will grow proportionately along with water sales such that the percentage of future customers with non-potable irrigation will remain constant. This assumption appears to underestimate non-potable irrigation's potential growth, and in turn means an underestimation of Suez's water demand.

The Great Recession beginning in 2007 had a significant impact on both Suez's customers and their water use. Suez's forecast, over its 50-year Planning Horizon, assumes long term growth that reflects a return to more normal times. At the same time, Suez conservatively forecasts lower than historical growth rates—the forecasted 50-year annual average compound growth rates for customers and water sales are below the 25 year historical averages for the Company.

The demographic and water demand forecasts for Suez over the next 50 years is complex and detailed. Different assumptions could be made for the various aspects of the forecasts that could differ from those made by Suez and still be considered reasonable. However, the forecast as a whole is reasonable and compares well to other available projections.

Suez’s forecast predicts annual residential customer growth at 1.8% and residential water demand growth at 1.4% over the 2015 to 2065 period, indicating decreasing use per customer. System peak day production is expected to grow from 87,311,000 gallons in 2010 to 239,702,000 gallons in 2065, or by 1.9% annually.

## Introduction

This Report presents a review of the demographic and water demand forecasts in the Master Water Plan developed by Suez. The Master Water Plan and its forecasts also are used to support the Company’s Integrated Municipal Application Package (“IMAP”), which is a package of transfer applications Suez filed with the Idaho Department of Water Resources (“IDWR” or “Department”) to establish and quantify its reasonably anticipated future needs (“RAFN”) and thereby secure the protections of the Municipal Water Rights Act of 1996 (“1996 Act”) for its existing portfolio of rights.

This Report generally follows the protocol set forth in the Department’s November 13, 2013 guidance memorandum (revised March 16, 2015) entitled *Recommendations for the Processing of Reasonable Anticipated Future Needs (RAFN) Municipal Water Rights at the Time of Application, Licensing, and Transfer* (“RAFN Guidance”). The RAFN Guidance “is intended to provide guidance and support to [Department] staff in evaluating and processing applications for reasonably anticipated future needs (RAFN) water rights and can be used to provide assistance to applicants seeking RAFN water rights throughout the application, permit, license, and transfer processes.” RAFN Guidance, p. 4. The RAFN Guidance discusses what IDWR terms the “four fundamental components” to evaluating RAFN in this order: (1) service area; (2) planning horizon; (3) population projections; and (4) water demand projections. *Id.* p. 5.

Although Suez is not required to follow the RAFN Guidance in developing its forecasts for its Master Water Plan (which is an internal Company document not subject to Department Review), this Report nevertheless analyzes Suez’s forecasting approach by looking at the methodologies and benchmarks in the RAFN Guidance because (a) the RAFN Guidance is the Department’s only official guidance on how a municipal water provider should forecast its future water demand, and (b) because Suez’s population and water demand forecasts support the IMAP

(a RAFN application). In addition to the issues raised in the RAFN Guidance, this Report includes other analyses of the reasonableness of Suez’s forecasts, and addresses technical aspects of the methods used by Suez’s consultant, Mr. John Church of Idaho Economics, in developing the forecasts.

## Discussion

### 1. Suez’s Planning Area

The RAFN Guidance discusses the use of a “service area,” which in relevant part is defined in Idaho Code 42-202B(9) as “that area within which a municipal provider is or becomes entitled or obligated to provide water for municipal purposes. . . . For a municipal provider that is not a municipality, the service area shall correspond to the area that it is authorized or obligated to serve, including changes therein after the permit or license is issued.” Much of the RAFN Guidance’s discussion of service areas deals with municipalities, and therefore is not relevant to Suez (which is not a municipality).

Concerning non-municipality municipal providers like Suez, the RAFN Guidance states that such a provider may establish its service area based on “Public Utility Commission approval documents . . . which demonstrate a RAFN service area within which the applicant has authority or obligation to provide water.” RAFN Guidance, p. 6. Pursuant to Idaho Code 42-202B(8)’s requirement that “[r]easonably anticipated future needs shall not include uses of water within areas overlapped by conflicting comprehensive land use plans,” the RAFN Guidance also states that, “[w]hen evaluating a proposed RAFN service area where two or more municipal providers abut one another, the applicant should research adjacent community planning areas to confirm that overlaps in competing planning areas *specific to water service* do not exist.” *Id.* pp. 6-7 (emphasis original).

The RAFN Guidance, p. 7, summarizes the delineation of service areas as follows:

In conclusion, RAFN service areas should be delimited to include all existing contiguous and non-contiguous areas of water service (assuming they are combined) and adjacent areas poised for

development and likely to occur within the established planning horizon time period. However, the proposed RAFN service area cannot include areas where water is not provided at the time of application if the proposed RAFN service area is overlapped by adjacent land use planning boundaries, or is already included within the service area of a municipal water provider other than the municipal provider under consideration.

Consistent with the RAFN Guidance, Suez adopts a “Planning Area” in its Master Water Plan which corresponds to the area that Suez anticipates its service area will be at the end of its Planning Horizon (described below). Suez’s present service area will undoubtedly expand over the next 50 years. That expansion is reflected in the Planning Area, which is a contiguous area that, in large part, coincides with Suez’s current service area. The Planning Area includes all of Suez’s existing contiguous service area certificated by the Idaho Public Utilities Commission, and adjacent areas that Suez believes are poised for development and likely to be developed within the Planning Horizon. Where it deviates from the Company’s current service area, it avoids areas currently within cities’ areas of city impact (with the exception of Boise City, which has a franchise agreement for water service with Suez) and other municipal providers’ service areas. Thus, it does not include areas overlapped by adjacent land use planning boundaries, or areas already included within the service area of another municipal water provider. The predicted expansions of Suez’s current service area reflected in the Planning Area are primarily in the foothills north of Boise and in the relatively flat areas south of Boise where future growth can be reasonably anticipated.

## **2. Suez’s Planning Horizon**

Suez’s forecasts extend 50 years, from 2015 through 2065. This is consistent with planning horizon durations in several “water planning references” cited in the RAFN Guidance, which range from 10 to 100 years. Suez’s 50-year Planning Horizon also is consistent with other water supply forecasts in Idaho, including those referenced in the RAFN Guidance such as the City of Meridian’s Master Water Plan, the City of Rexburg’s 2008 Water System Technical Memorandum, the Rathdrum Prairie Comprehensive Aquifer Management Plan (“Rathdrum CAMP”), the Treasure Valley Comprehensive Aquifer Management Plan (“TV CAMP”).

RAFN Guidance, p. 8. As suggested in the RAFN Guidance, “planning horizons between 10 and 55 years are the standard amongst the planning profession and in the actual adoption of planning documents within the State of Idaho.” RAFN Guidance, p. 8.

The RAFN Guidance states that “[p]lanning horizons greater than 20 years can be considered by the Department, but when proposed they should be supported by long-term planning documents such as those listed in Table 2 [referencing Master Water Plans, among other planning documents] and by professionally prepared demographic studies substantiating the duration of the planning horizon period.” RAFN Guidance, p. 8. Suez’s Master Water Plan, which includes the population and demographic studies professionally prepared by Idaho Economics, is consistent with this standard.

The RAFN Guidance also addresses the statutory requirement that RAFN “refers to future uses of water . . . reasonably expected to be required within the planning horizon of each municipality within the service area not inconsistent with comprehensive land use plans approved by each municipality.” I.C. § 42-202B(8). This statutory provision does not clearly apply to Suez, which is not a municipality and does not have a “comprehensive land use plan.” However, Suez’s Planning Area includes portions of the Cities of Boise, Meridian, and Eagle, and portions of unincorporated Ada County—all of which have comprehensive land use plans. The RAFN Guidance does not expressly address this situation—where a municipal provider’s service area overlaps portions of several different municipalities—but it does suggest that Section 42-202B(8) should be interpreted to mean that the planning horizon period proposed by a RAFN applicant “should be consistent with the master [water] plan for the coincident period of time shared between the planning horizons of both documents.” RAFN Guidance, p. 9. Suez’s Master Water Plan and IMAP application appear consistent with this requirement because the Planning Horizon for the IMAP and the Master Water Plan both ending in 2065 and they share the same population and water demand projections.

### **3. Suez’s Population Projection**

#### **A. Consistency with RAFN Guidance Methodologies and Standards**

Idaho Code § 42-202B(8) states that RAFN must be based on “population and other planning data.” The RAFN Guidance interprets this requirement to mean that “[t]o establish its

RAFN, a municipal provider must estimate its future population within its service area at the end of the planning horizon.” RAFN Guidance, p. 9. The RAFN Guidance further provides:

[W]here appropriate data exists, Department staff should expect the following components and considerations regarding population forecasts to be addressed and discussed in detail by the applicant[:]”

1. A critical survey of existing contemporary population studies applicable to the local area to establish likely upper and lower boundaries for population growth.
2. Project population using standard technical methods, such as regression, extrapolation, or cohort survival models. To make extrapolation appropriate, one should account for geography, resource constraints, economic conditions, and other limiting factors or anticipated events, such as relocation of a commercial or industrial use.
3. Compare the results of the population projections from step 2 to the results of the critical survey from step 1 and apply professional judgment to evaluate whether the population projections are likely to occur within the planning horizon and are, therefore, reasonable.

RAFN Guidance, p. 9.

The two contemporary long-term population forecasts used for comparative purposes were developed for the TV CAMP<sup>3</sup> and the Community Planning Association of Southwest Idaho (“COMPASS”).<sup>4</sup> The TV CAMP population projections were prepared in 2010 and extend fifty years, through 2060. COMPASS’s most recent forecast extends to 2040. Both forecasts project population for all of Ada County, with specific projections for each

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<sup>3</sup> Treasure Valley Future Water Demand, WRIME Inc., Idaho Department of Water Resources, November 2010.

<sup>4</sup> Community Planning Association of Southwest Idaho, Demographic Forecasts, 2013.

municipality in the County, but neither projects population specific to Suez’s Planning Area. Suez’s population forecast for its Planning Area is based on a forecast for all of Ada County, which makes Ada County the common variable that can be compared among the forecasts.

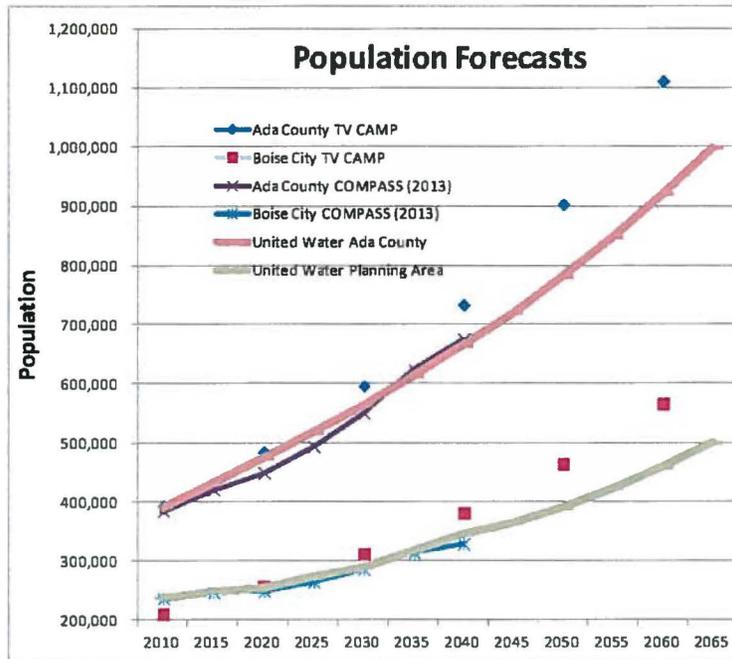
As can be seen in Table 1 and Graph 1 below, Suez’s Ada County population projection is lower than TV CAMP’s over similar planning horizons, and is consistent for the first 30 years with the COMPASS forecast.<sup>5</sup>

Table 1

| POPULATION |                                |            |                      |                      |                    |                       |
|------------|--------------------------------|------------|----------------------|----------------------|--------------------|-----------------------|
| YEAR       | Treasure Valley CAMP<br>(2010) |            | COMPASS (2013)       |                      | Church Forecast    |                       |
|            | Ada County                     | Boise City | Ada County<br>(2013) | Boise City<br>(2013) | Suez Ada<br>County | Suez Planning<br>Area |
| 2010       | 392,734                        | 209,821    | 383,491              | 235,384              | 390,768            | 237,670               |
| 2015       |                                |            | 419,911              | 245,565              | 431,010            | 247,345               |
| 2020       | 483,455                        | 255,771    | 448,271              | 247,957              | 474,430            | 254,867               |
| 2025       |                                |            | 493,221              | 264,019              | 517,167            | 272,927               |
| 2030       | 595,132                        | 311,783    | 549,121              | 285,013              | 563,256            | 288,770               |
| 2035       |                                |            | 621,990              | 312,530              | 612,605            | 317,524               |
| 2040       | 732,606                        | 380,062    | 674,144              | 328,292              | 663,956            | 345,259               |
| 2045       |                                |            |                      |                      | 719,507            | 364,083               |
| 2050       | 901,837                        | 463,293    |                      |                      | 780,858            | 389,126               |
| 2055       |                                |            |                      |                      | 847,440            | 422,387               |
| 2060       | 1,110,159                      | 564,752    |                      |                      | 919,699            | 459,154               |
| 2065       |                                |            |                      |                      | 998,120            | 499,708               |

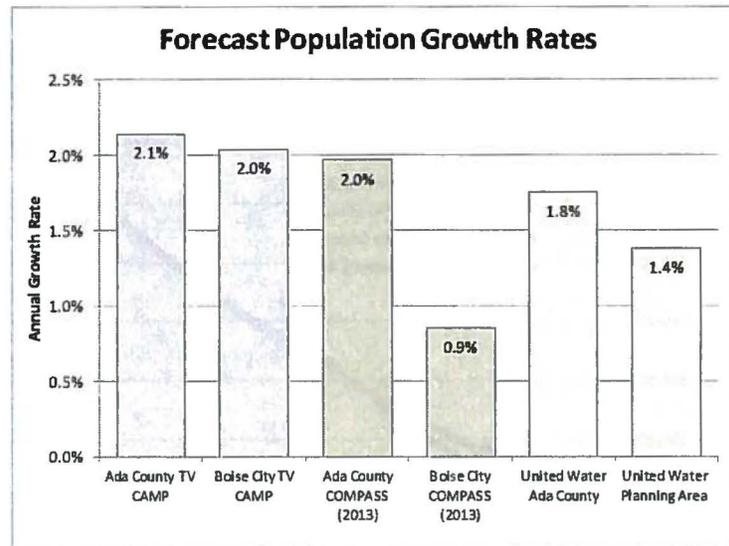
<sup>5</sup> It should be noted that population projections in Suez’s Master Water Plan are lower than those submitted with the Company’s original IMAP application in 2001. For example, the Suez’s Ada County population forecast for 2050 dropped from 813,966 in 2001 to 780,858 in the current forecast.

Graph 1



Another way to compare each of the population forecasts is by annual compound growth rates for the respective forecast periods, as displayed in Graph 2 below. The forecasted annual compound growth rate for Suez’s Planning Area is lower than any of the contemporary population forecasts, except COMPASS’s forecast for the City of Boise. Higher future growth rates for Suez’s Planning Area than in the City of Boise can be expected because there is about 43% of Suez’s Planning Area lying outside the City of Boise in Eagle, North Meridian and parts of unincorporated Ada County where there is more undeveloped land with potential to accommodate growth than in the City of Boise.

Graph 2



The RAFN Guidance, p. 9, indicates that applicants projecting annual population growth rates in excess 2.5% would need to provide “extra justification” supporting their estimates. Suez’s Planning Area annual growth rate forecast is less than half this amount, thus not requiring additional justification.

### **B. Consistency with IDWR’s Population Forecasting Tool**

The RAFN Guidance suggests using its Microsoft Excel population forecasting tool (“PopForecastTool.xlsx”) to check the forecasts of municipal providers that produce more sophisticated forecasts (like Suez). RAFN Guidance, p. 10.<sup>6</sup> Table 2 and Graph 3 below depict the six different model forms contained in IDWR’s forecasting tool using 80 years (1930 through 2010) of Ada County population data. Similar results were found using a shorter time of 40 years of historical data (although Modified Exponential and Gompertz projections are not valid for this shorter historical time frame). As can be seen, the Suez forecast is consistent with or lower than any of the relevant model forms. The logarithmic model form is not relevant because, as noted in the “PopForecastTool.xlsx,” it assumes a constant growth increment from one year to the next and may be applicable to rural, small, slow growing regions unlike Ada County.

<sup>6</sup> “The tool may also be useful directly to Department staff as a means of roughly verifying the population forecasts made by an applicant, allowing Department staff the opportunity to ‘double check’ a proposed growth rate or population forecast.” RAFN Guidance, p. 10.

Graph 3

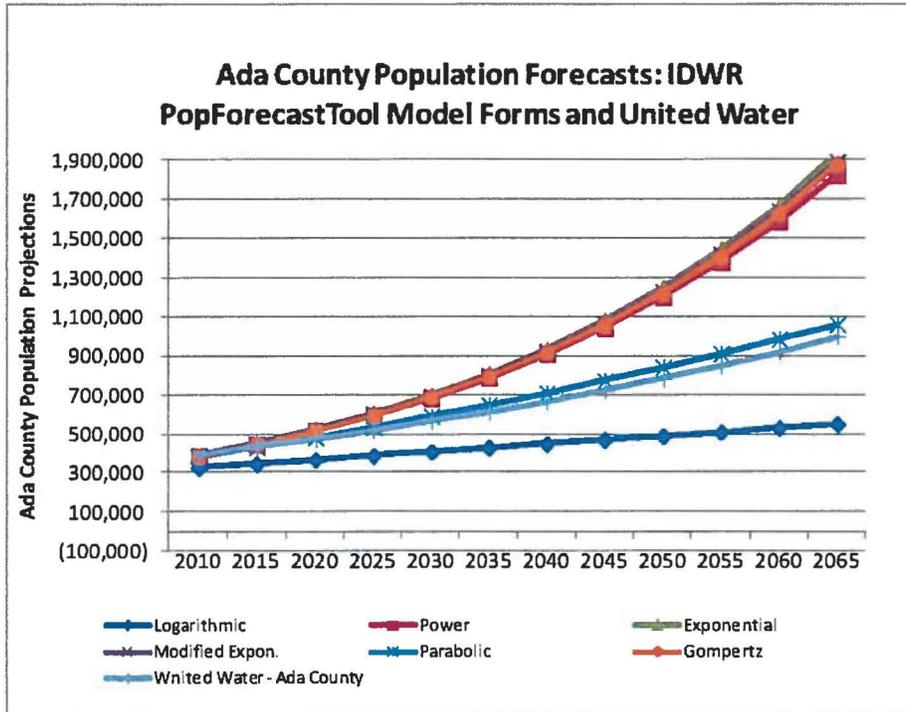


Table 2

| Ada County Population Forecasts: IDWR PopForecast Tool Model Forms and United Water |             |           |             |                 |           |           |                           |
|---|-------------|-----------|-------------|-----------------|-----------|-----------|---------------------------|
| YEAR  | Logarithmic | Power     | Exponential | Modified Expon. | Parabolic | Gompertz  | Wnited Water - Ada County |
| 2010  | 326,275     | 387,801   | 389,531     | 388,751         | 385,139   | 386,283   | 390,768                   |
| 2015  | 346,783     | 447,154   | 450,539     | 448,885         | 431,529   | 446,074   | 431,010                   |
| 2020  | 367,241     | 515,408   | 521,101     | 518,306         | 480,906   | 515,100   | 474,430                   |
| 2025  | 387,648     | 593,873   | 602,715     | 598,452         | 533,271   | 594,785   | 517,167                   |
| 2030  | 408,004     | 684,045   | 697,111     | 690,977         | 588,623   | 686,772   | 563,256                   |
| 2035  | 428,311     | 787,633   | 806,291     | 797,795         | 646,963   | 792,955   | 612,605                   |
| 2040  | 448,568     | 906,595   | 932,570     | 921,113         | 708,290   | 915,521   | 663,956                   |
| 2045  | 468,775     | 1,043,164 | 1,078,628   | 1,063,480       | 772,605   | 1,056,993 | 719,507                   |
| 2050  | 488,933     | 1,199,896 | 1,247,560   | 1,227,838       | 839,907   | 1,220,280 | 780,858                   |
| 2055  | 509,041     | 1,379,706 | 1,442,950   | 1,417,584       | 910,196   | 1,408,739 | 847,440                   |
| 2060  | 529,077     | 1,585,922 | 1,668,941   | 1,636,640       | 983,473   | 1,626,244 | 919,699                   |
| 2065  | 549,112     | 1,822,480 | 1,935,324   | 1,890,350       | 1,059,738 | 1,877,300 | 998,120                   |

### **C. Other Technical Aspects of Suez’s Population Forecast**

Suez’s population and household forecast begins with a cohort model that Idaho Economics produces on a regular basis for Ada County, as well as other counties in Idaho. The overall Ada County population and household forecast is important because it drives the regression analysis used to forecast residential customers and residential water demand (which historically has been the vast majority of Suez’s water demand). The regression analysis developed by Mr. Church for Suez is further described in section 4.B below.

However, as mentioned, Suez’s Planning Area does not encompass all of Ada County. So, to define the geographic area that matches Suez’s Planning Area for purposes of forecasting the population and households that are contained in COMPASS’s Traffic Analysis Zones (“TAZs”). The TAZs are roughly 1,300 irregularly shaped and variously sized divisions of Ada County that can be matched to Suez’s Planning Area with reasonable precision. If a 1,300 piece TAZ jigsaw puzzle of Ada County were fashioned, Suez’s Planning Area would consist of about 540 pieces.

COMPASS forecasts population and households in Ada County by TAZ through 2040. The COMPASS projections were calibrated with the Idaho Economics’ cohort estimates of population and housing in Ada County to create Suez’s population and household forecast through 2040. This is a straightforward approach that provides consistency between Suez’s and COMPASS’s forecasts.

For the forecast period from 2041 through 2065, Mr. Church used his professional judgment to develop a variety of expected growth rates for the individual TAZs within Suez’s Planning Area.<sup>7</sup> Mr. Church “ground truthed” his assumptions by inspecting many of the TAZs during site visits. This approach produced significantly different growth rates among the various TAZs for different years within the 2014 to 2065 forecast period.

For example, several TAZs in the rural foothills areas north of Boise and Eagle are projected to grow at 1.6% annually from 2041 through 2050, and then down to 1.0% from 2051

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<sup>7</sup> Where Suez’s Planning Area boundary bisected a TAZ, the forecast was scaled to the approximate area within the Planning Area.

through 2065, reflecting an assumption that they contain prime developable land in the near term, but that development potential will slow over time. On the other hand, the majority of the TAZs in Boise’s central bench area are projected to grow at only 0.1%, with some at 1.0% for the post 2035 period, because most of the area is already developed. This same pattern holds true for Boise’s north end area, again indicating an already developed area with limited growth potential. Many of the TAZs in downtown Boise are projected to grow at 1.0%, reflecting an expected conversion of commercial property into apartments and condominiums.

The approach used by Mr. Church has both an upside and a downside when attempting to judge the reliability of the forecast. The upside is that the TAZs provide a way to project population within Suez’s Planning Area that is consistent with COMPASS’s forecast through 2040, and a way to examine the current status and development potential of discrete areas within the Planning Area after that. The downside is the difficulty of judging the reasonableness of the assumptions made for each of the TAZs used to produce the forecast. In the end, however, while different growth assumptions could be made for each TAZ that also may be logical, the final result may not differ significantly. As discussed above, Suez’s forecast through 2065 appears to compare reasonably with the other contemporary forecasts.

Suez’s residential and commercial customer forecasts (and, in turn, the residential and commercial customer water demand forecasts) result from regression analyses based, respectively, on total forecasted Ada County population and non-agricultural employment. The TAZ analysis does not drive the residential or commercial customer forecasts, or demand forecasts—it merely corroborates the accuracy of the regression analyses. Therefore, differences among any of the individual TAZs that comprise the forecast would not significantly change the water demand end results.

#### **4. Suez’s Water Demand Projections**

##### **A. Consistency with RAFN Guidance Methodologies and Standards**

The RAFN Guidance describes three general categories of water uses that should be forecasted—residential use, non-residential use, and “unaccounted for water” (“UAW”)—each of which includes a number of more discretely defined uses. RAFN Guidance, p. 10. For example, it describes residential use as including in-home use, out-of-home use (e.g. landscape

irrigation), and fire protection, while non-residential use is described as including industrial use, commercial use, public facility use, and “any and all other municipal uses.” *Id.*

Suez’s total water demand forecast generally contains the same types of water uses described in the RAFN Guidance, although it does not strictly follow the same “residential,” “non-residential,” and UAW category format. Instead, Suez forecasts for residential, commercial, public authority sales, “other” water sales, Company use, non-billed hydrant use, and system losses.

The residential and commercial customer classes historically comprise 99% of Suez’s total water sales (i.e. demand), and 95% of total water production.<sup>8</sup> These dominant water demand categories are forecasted separately from each other, and all other water use categories, using regression analyses to project the number of residential and commercial customers and demand per residential and commercial customer. Independent variables used in the regression equations include seasonal factors, weather normalization (temperature and precipitation), the price of water, and conservation. Each of the four regressions—residential customers, residential demand, commercial customers, and commercial demand—are discussed in greater detail below. In order to check the general validity of Mr. Church’s forecast results, I performed annual regressions—as opposed to the monthly regressions in Mr. Church’s forecast. Annual regression analysis does not consider seasonality and is less data intensive. It was preformed to see if there might be some anomalous interactions of the independent variables used. None are apparent.

For all other water use categories, Suez’s forecasts are driven primarily by their historical fraction of water sales or system production. These forecasts are discussed briefly following the residential and commercial subsections.

## **B. Residential Customer and Water Demand Forecasts**

The RAFN Guidance states that the “most widely implemented approaches” to water demand forecasting is what it calls the “per capita requirements method”. RAFN Guidance, p. 11. This methodology has three basic components: (1) the projected future number of residential customers; (2) water use per customer; and (3) a peaking factor. *Id.*, p. 11. Suez’s

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<sup>8</sup> Water demand is the amount of water customer’s use. Water production, on the other hand, is the amount of water Suez produces, which also includes water system losses and other non-billed uses. The differences can be at a given point in time can also be attributed to changes in water storage levels.

residential water demand forecast incorporates these components. Each component is described in greater detail in the following subsections.

*i. Residential Customers*

Suez's forecast projects residential customers based on Ada County households, a variable to account for the addition of South County Water Company to Suez's service territory, and a trend variable that accounts for the time dimension in the regression equation. The trend variable accounted for, among other things, the declining share of Ada County households within Suez's Planning Area over time.

Suez's purchase of South County Water in 1999 added over 4,000 customers to their system. This variable was included as a binary independent variable (0 or 1) in the regression equation to account for the significant change in customers and water use found in the historical data. The statistical fits of each of the independent variables, as well as the equation as a whole, were above the 95% level, indicating the equation has good statistical reliability. I performed an annual (rather than monthly) regression using the same variables as those used by Suez. This produced similar results and statistical reliability.

As discussed above, there are no available household forecasts specific to Suez's Planning Area. Accordingly, to produce a Planning Area forecast, Mr. Church's econometric model forecasts of Ada County households were distributed spatially by allocating them among COMPASS's TAZs located within the Planning Area. The regression analysis prediction of residential customers was thereby shown to be consistent with forecasts of the number of households (and potential customers) inside Suez's Planning Area.

For the 2010 through 2065 period, Suez projects growth of its residential customers at 1.8% annually, and Planning Area households at a 1.5% rate. Much of Suez's Planning Area is urban and suburban and therefore will likely have a higher percentage of apartments and condominiums compared to the generally more rural surrounding area. The Company's Planning Area, on which the forecast is based, is less urban than its current service area. In the more urban areas it is common that multifamily units are 'master metered' where one water meter serves all of the units and water charges are included in the rent or homeowners association dues. This would mean as Suez grows from its current service area into its Planning Area, customers would be expected to grow faster than households.

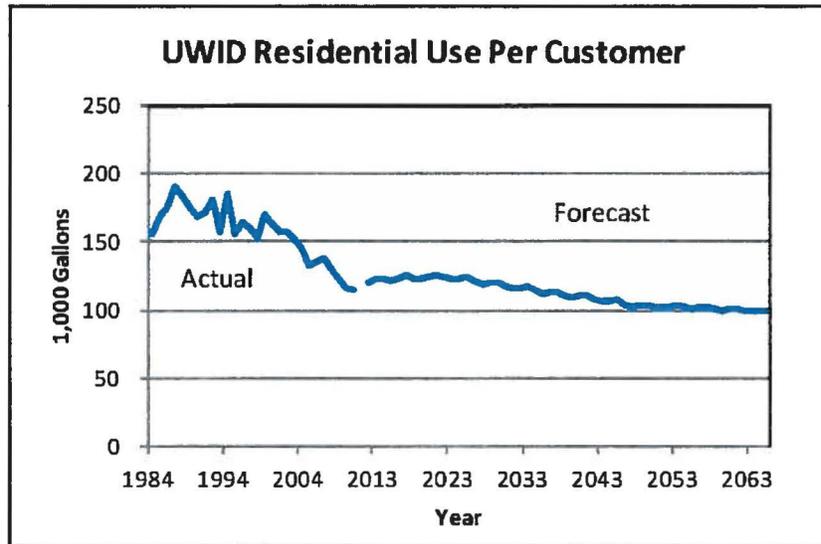
Over the last 25 years of historic data (1986 to 2011), Suez’s residential customer base grew at a 3.0% average annual rate. Suez projects residential customer growth to average 1.8 % annually from 2015 through the end of the Planning Horizon. The slower future growth rate can be expected because other municipal water providers’ service areas limit Suez’s ability to expand its service area.

*ii. Water Use per Residential Customer*

Suez’s annual average residential use per customer projection is a function of weighted degree days, weighted precipitation, price, income per capita, acquisition of South County Water Company, and five monthly binary variables representing the peak usage summer months, use that is reflected in billing for the months of July through November, which historically have been the highest use months. The weighting of the weather variables is necessary because Suez bills customers bi-monthly. Hence, the metered consumption reflected in bi-monthly bills is adjusted to match monthly weather data to determine monthly demand. Each of the independent variables, as well as the residential use per customer regression equation as a whole, statistically fit above the 90% level, again indicating good statistical reliability

As displayed in Graph 4 below, Suez projects a steady decline in residential per customer use over the Planning Horizon. However, the forecast reflects an increase in residential use per customer from 2011’s actual data of 114 thousand gallons to the start of the forecast period in 2012 at 121 thousand gallons, This reflects a presumed 6% uptick in residential demand per customer during the economic rebound currently being experienced after demand declined by over 15% during the “Great Recession” of 2007 through 2011. A significant portion of decline in per customer use during the Great Recession can be attributed to the large number of vacant homes that remained hooked to Suez’s system (i.e. that remained “customers”) but that minimally used water, such as for basic maintenance purposes only. This obviously would have the effect of reducing average per customer use for Suez’s whole system. Suez’s forecast assumes a return to more normal economic conditions for the Planning Horizon.

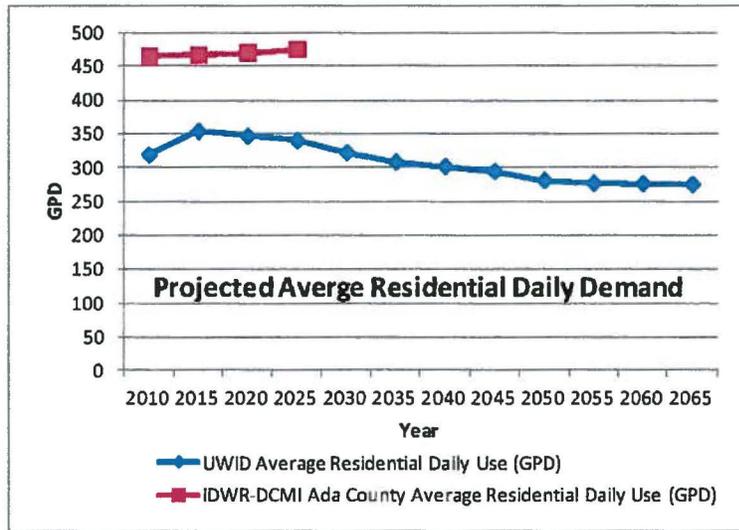
Graph 4



According to the Summary of Published Values of Average Residential Daily Consumption in Table 3 of IDWR’s RAFN Guidance, the average daily water consumption per home varies between 150 and 800 gallons per day (GPD). The projected average daily residential customer use per household in Suez’s Planning Area is in the bottom half of this range. The highest projection is 286 GPD per household in 2020, which declines to 246 GPD per household by 2065.

The Department’s December 2001 report, *Domestic, Commercial, Municipal and Industrial Water Demand Assessment and Forecast in Ada and Canyon Counties, Idaho* (“DCMI Report”), Table A-7, projects Ada County’s average household daily demand at 464 GPD in 2010, rising slightly to 475 GPD in 2025, which is approximately one-third higher than the amounts projected by Suez. Suez’s forecast for daily water use per household is displayed below in Graph 5 along with the average daily use from the DCMI Report.

Graph 5



The RAFN Guidance notes that “[r]esidential irrigation can have a dramatic effect on [a municipal provider’s] per capita water demand” depending on whether irrigation water is provided by the municipal provider or another source. RAFN Guidance, p. 11. Non-Potable Irrigation (“NPI”) is the term Suez uses to represent customers that have access to surface irrigation water to water lawns and gardens. Suez’s studies confirm the effect of NPI on municipal water demand, indicating about a 30% reduction in water consumption for residences that use NPI. Suez assumes that NPI use in will remain a constant fraction of overall water production throughout the Planning Horizon. This is a conservative assumption (meaning it likely results in underestimating Suez’s future demand) because a higher than assumed proportion of future growth in Suez’s Planning Area will occur in areas that do not have NPI available, thereby requiring those customers to irrigate with municipal water supplied by Suez.

*iii Peaking Factor*

The RAFN Guidance recognizes that “[b]ased upon the transient needs of a static population base, water demand will vary seasonally, daily, and hourly. . . . These fluctuations in demand are normally estimated in terms of peaking factors or multipliers, which are often expressed as a percent of average demand.” RAFN Guidance, p. 13. The RAFN Guidance goes on to define a number of terms used to discuss different components of a peak water demand

analysis, including “average daily demand (ADD), maximum day demand (MDD), maximum monthly average day demand (MMAD), peak hourly demand (PHD), and peak instantaneous demand (PID). *Id.* pp. 13-14. Table 4 of the RAFN Guidance, p. 13, summarizes several published peaking factor values, including ratios of MDD:ADD which range from 1.4:1 and 3.5:1.

The RAFN Guidance also states that, “[i]f storage is used by the water provider to meet peak demands, then the MDD value represents the maximum diversion rate that should be authorized by the RAFN water right permit.” RAFN Guidance, p. 14. Suez has storage for emergencies and to help meet peak demand, thus making MDD the appropriate peaking factor for Suez according to the RAFN Guidance.

Water production data, as opposed to consumption data, was used to define Suez’s historic MDD. According to twelve years (2000 through 2011) of monthly system production data submitted to the Idaho Public Utilities Commission, Suez’s peak production month is August. This data shows that Suez’s Peak Day (the equivalent of the Department’s MDD) is a relatively stable 3.51% of August production. This factor is used by Mr. Church to generate Suez’s Peak Day forecast.

For purposes of comparing Suez’s Peak Day (i.e. MDD) forecast to the MDD:ADD ratios in Table 4 of the RAFN Guidance, p. 13, Suez’s ADD can be derived by dividing forecasted total water demand by 365. As can be seen in Table 3 below, Suez’s MDD:ADD ratio varies between 2.2:1 and 2.7:1 throughout the Planning Horizon that falls comfortably within the range specified in the RAFN Guidance.

Table 3

| IMAP 2014 (1,000 gallons) |                              |                               |                            |  |
|---------------------------|------------------------------|-------------------------------|----------------------------|--|
|                           | (A)                          | (B)                           | (C)=(A)/365                | (B):(C)  |
| YEAR                      | Total System Sales IMAP 2014 | Maximum Day Demand 2014 (MDD) | Average Daily Demand (ADD) | Range from Table 4; 1.5 - 3.5:1 MDD:ADD [IDWR Default Value 2.0] |
| 2010                      | 13,214,847                   | 87,311                        | 36,205                     | 2.41   |
| 2015                      | 15,484,647                   | 95,700                        | 42,424                     | 2.26   |
| 2020                      | 17,273,514                   | 112,989                       | 47,325                     | 2.39   |
| 2025                      | 18,842,475                   | 126,390                       | 51,623                     | 2.45   |
| 2030                      | 19,809,805                   | 134,645                       | 54,273                     | 2.48   |
| 2035                      | 21,008,573                   | 146,288                       | 57,558                     | 2.54   |
| 2040                      | 22,536,663                   | 158,384                       | 61,744                     | 2.57   |
| 2045                      | 24,185,457                   | 171,575                       | 66,262                     | 2.59   |
| 2050                      | 25,035,109                   | 183,582                       | 68,589                     | 2.68   |
| 2055                      | 27,518,279                   | 200,544                       | 75,393                     | 2.66   |
| 2060                      | 30,002,522                   | 219,318                       | 82,199                     | 2.67   |
| 2065                      | 32,645,637                   | 239,702                       | 89,440                     | 2.68   |

**C. Commercial Customers Forecast**

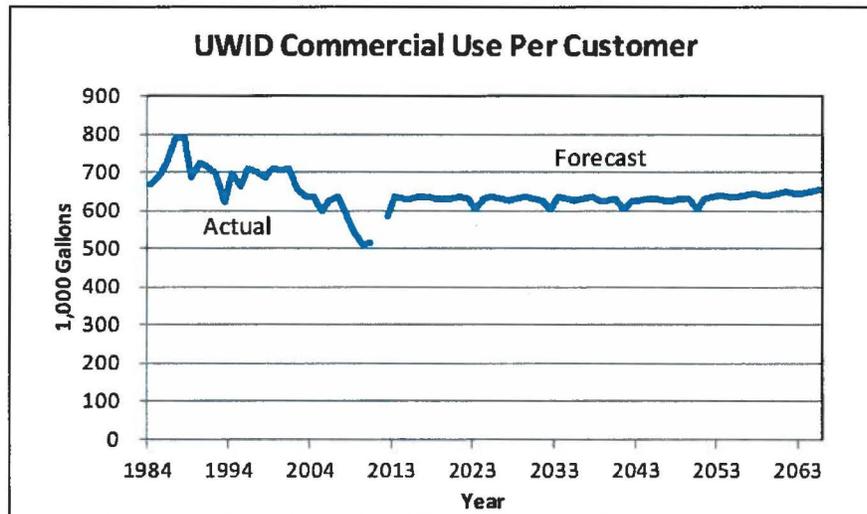
*i. Commercial Customers*

Suez’s regression analysis projects commercial customers using independent variables, including Ada County non-agricultural employment, a variable to account for the acquisition of South County Water in 1999, and the same time variable used in the residential forecast equation. As with the residential customer forecast, the statistical fits of each of the independent variables, and the regression equation as a whole, were above the 95% level. As with the residential forecast, I performed an annual regression run using the same independent variables. This produced results close to the monthly results in Suez’s forecast. Both methods generated annual growth rates over the forecast period (2015 to 2065) at 1.6%, which is significantly lower than Suez’s commercial customer annual growth rate of 3.4% for the 25 years prior to the forecast period (1986 to 2011).

*ii. Commercial Use per Customer:*

Like residential use per customer, Suez’s regression analysis projecting commercial use per customer uses the same independent variables found in the residential use per customer equation. The statistical reliability of each of the independent variables, as well as the equation as a whole, was above the 90% level, with all but precipitation for July above the 95% level. Suez’s commercial use per customer declined by nearly 19% during the Great Recession (2001-2011), which can be attributed to general commercial sector decline and the loss of some very high use customers. Prior to the Great Recession, these high use customers inflated the average use per commercial customer. Like the residential use per customer forecast described above, Suez’s forecast assumes a return to more normal economic conditions throughout the Planning Horizon. This is reflected in the forecast beginning in 2012 at 614 thousand gallons, which is a substantial increase over 2011 (516 thousand gallons), but still less than commercial use per customer in 2001 (710 thousand gallons) which preceded the sharp decline in use documented from 2001 through 2010. Suez projects commercial use per customer growth at a modest rate of 0.1% from 2012 through end of the Planning Horizon in 2065, as shown in Graph 6 below.

Graph 6



**D. Other Water Use Categories**

For all other categories of water use, Suez’s forecasts are driven primarily by their historical fraction of water sales or system production. While data was available from 1984

through 2011 to establish statistical relationships between these smaller water use or water production categories and overall water sales or production only the most recent trends in the years 2000 – 2011 were used to estimate these relationships. Independent variables, such as the projected number of households and employment in Ada County from Idaho Economics’ forecast model, also are used. Given their historically small influence on Suez’s total water demand, this forecasting method is reasonable.

Public Authority water sales were modeled as a function of monthly Residential and Commercial water sales. A monthly factor was developed from the historical relationship between Public Authority water sales divided by the total of monthly Residential and Commercial water sales. This relationship was developed on the premise that the number, size, and water use of Public Authority customers (Schools, public buildings, etc.) would increase at a rate that would be proportional to general overall population and/or employment growth in the planning area.

The categories of “Other” water sales were modeled as a function of monthly Residential, Commercial, and Public Authority water sales. A monthly factor was developed from the historical relationship between “Other” water sales divided by the sum of monthly Residential, Commercial, and Public Authority water sales. The “Other” water sales parameter varies by month, but, on an annual average basis represents 0.23 percent of annual water sales.

Company water use is modeled as a monthly factor of monthly water production over the 2000 to 2011 period. Water production for the Company use parameter varies by month, but, on an annual average basis represents 0.255 percent of annual water production.

Non-billed Hydrant water use is modeled as a monthly factor of monthly water production over the 2000 to 2011 period. Water production for the Hydrant use parameter varies by month, but, on an annual average basis represents 0.032 percent of annual water production. System water losses are modeled as a monthly factor of monthly water production over the 2000 to 2011 period. The water production for system water losses parameter varies by month, however on an annual average basis represents 4.37 percent of annual water production.

## **5. Additional Analyses of Suez’s Forecasts**

This section of the Report contains two additional analyses of Suez’s forecasts. The first analysis compares Suez’s water demand forecast to two other contemporary water demand

forecasts. The second analysis compares Suez's actual historical customer, sales, and production data to the forecasted figures.

#### **A. Consistency with Other Contemporary Forecasts**

Suez's forecast may be compared to other contemporary water demand forecasts as a means of determining its general reasonableness. There are two contemporary long-term water demand forecasts that can be used for this purpose, as were also used for population comparisons are the TV CAMP and the Department's DCMI Report. The DCMI Report forecasted demand in Ada County through 2035, while the TV CAMP's water demand projections for Ada County run through 2060. Neither of these resources contains forecasts specific to Suez's Planning Area.

Graph 7 below displays Suez's total water demand forecast and those reflected in the TV CAMP and DCMI Report. Although the water demand forecasts shown in Figure 7 are for different areas, they are useful for comparison. The forecasts' respective total annual water demand projections (by volume) are scaled to the Graph's left axis. In addition to its total annual volume projections, Suez's Peak Day volume projection is included in the Graph, scaled to the right axis. Table 4 displays the data used in Graph 7.

Graph 7 shows that Suez's projected total annual demand within its Planning Area is lower than the DCMI Report's and TV CAMP's forecasts for Ada County during the comparable time periods, which is not surprising because Suez's Planning Area does not include all of Ada County. As mentioned, the TV CAMP and DCMI Report do not include forecasts specific to Suez's Planning Area.

Graph 7 also shows that Suez's Peak Day forecast increases over time at rates consistent with increases in annual demand forecasted in the DCMI Report and TV CAMP. The DCMI Report and TV Camp did not produce peak day forecasts; however as can be seen the growth rates (slopes of the lines) are consistent among the projections. The DCMI Report's Ada County forecast and the TV CAMP's forecast for the City of Boise project water demand increasing at greater rates than Suez projects for its Planning Area. The DCMI Report's Ada and Canyon County forecast projects demand well above the other water demand projections, but at similar growth rates. The forecast for Ada and Canyon County was included to examine its relative slope compared to the other water demand projections.

Graph 7

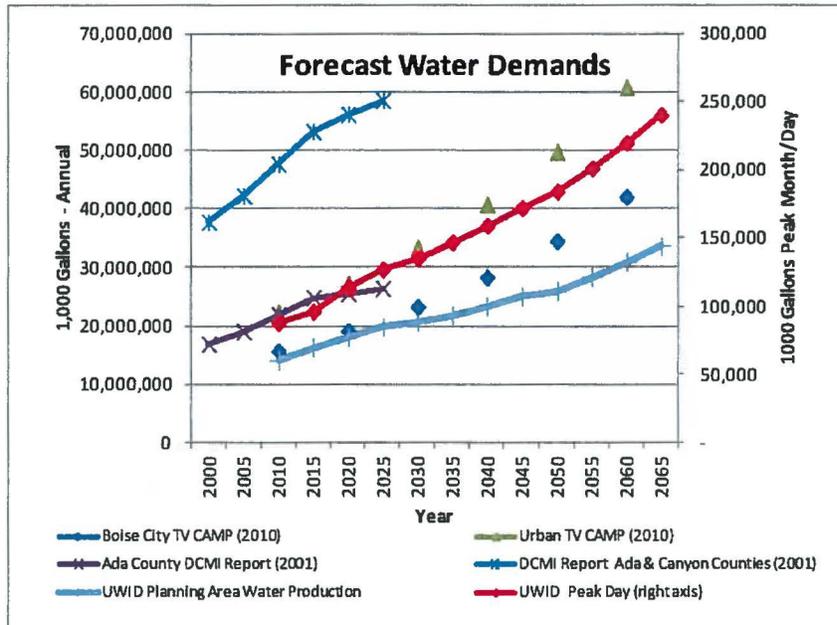


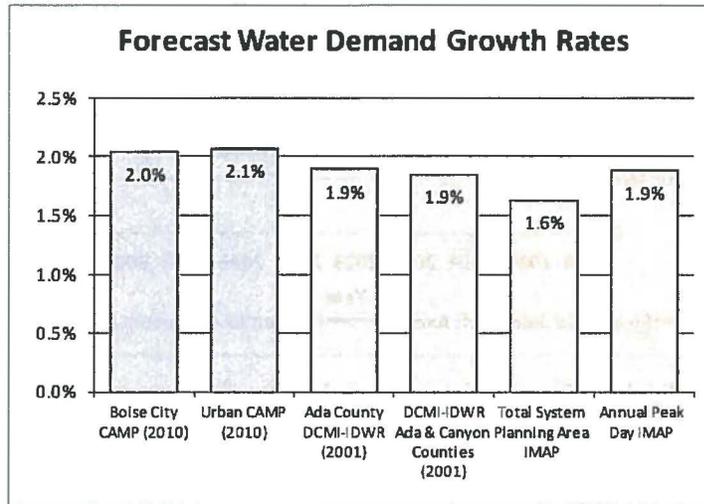
Table 4

| WATER DEMANDS FORECASTS (1,000 Gallons) |                   |              |                   |                              |                                |                       |
|---|-------------------|--------------|-------------------|------------------------------|--------------------------------|-----------------------|
| YEAR                                    | TV CAMP           |              | DCMI-IDWR Report  |                              | United Water 2014              |                       |
|   | Boise City (2010) | Urban (2010) | Ada County (2001) | Ada & Canyon Counties (2001) | Planning Area Water Production | Peak Day (right axis) |
| 2000                                    |                   |              | 16,745,000        | 37,622,000                   |                                |                       |
| 2005                                    |                   |              | 18,880,000        | 42,137,000                   |                                |                       |
| 2010                                    | 15,558,034        | 22,232,746   | 21,796,000        | 47,557,000                   | 13,993,944                     | 87,311                |
| 2015                                    |                   |              | 24,701,000        | 53,105,000                   | 16,224,222                     | 95,700                |
| 2020                                    | 18,965,122        | 27,181,755   | 25,436,000        | 56,061,000                   | 18,040,720                     | 112,989               |
| 2025                                    |                   |              | 26,276,000        | 58,470,000                   | 19,645,029                     | 126,390               |
| 2030                                    | 23,118,406        | 33,232,790   |                   |                              | 20,643,032                     | 134,645               |
| 2035                                    |                   |              |                   |                              | 21,727,560                     | 146,288               |
| 2040                                    | 28,181,137        | 40,632,192   |                   |                              | 23,275,274                     | 158,384               |
| 2045                                    |                   |              |                   |                              | 24,944,081                     | 171,575               |
| 2050                                    | 34,352,736        | 49,679,743   |                   |                              | 25,804,561                     | 183,582               |
| 2055                                    |                   |              |                   |                              | 28,246,374                     | 200,544               |
| 2060                                    | 41,875,635        | 60,743,328   |                   |                              | 30,816,293                     | 219,318               |
| 2065                                    |                   |              |                   |                              | 33,541,750                     | 239,702               |

Graph 8 below depicts the annual compound growth rates for each individual forecast depicted in Graph 7. Table 4 shows that Suez’s forecasted growth rate for total water demand in its Planning Area is lower than the forecasted growth rates for the City of Boise in the DCMi

Report and for Ada County and Ada and Canyon County in the TV CAMP. The Company's Peak Day growth rate is the same or lower than the DCMI-Report and TV CAMP.

Graph 8

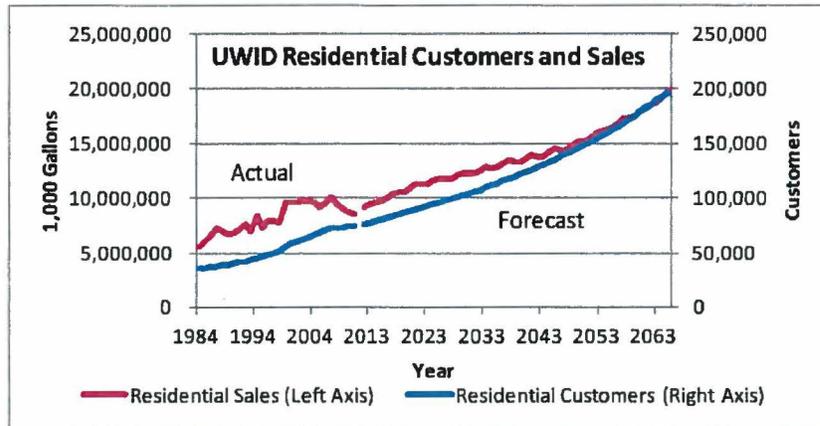


**B. Consistency of Actual and Forecasted Customers, Sales, and Production**

Another way to judge the reasonableness of Suez's water demand forecast is to compare the relationships between Suez's actual historical customer, sales, and production figures to the same relationships in the forecast. The following three graphs display those relationships for Suez over the past 25 years, and the forecasts through 2065. The relationships depicted are for the residential and commercial customer classes and for total system water demand.

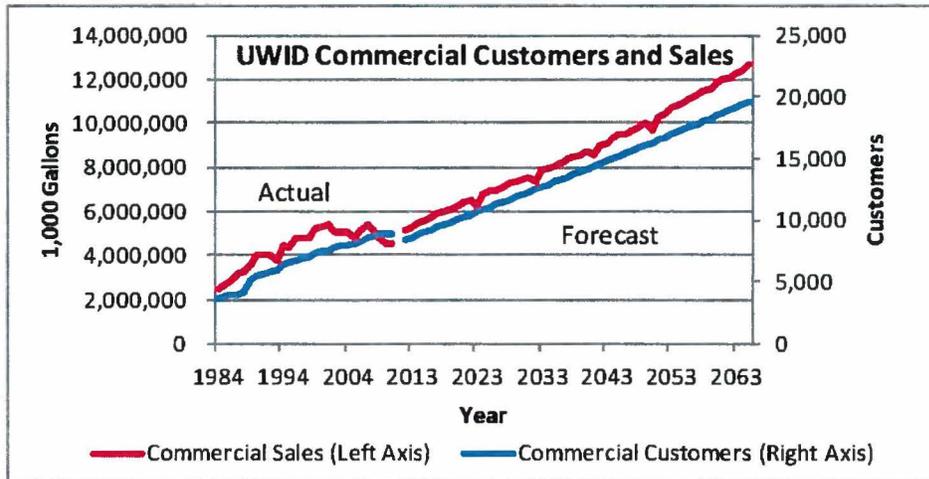
Graph 9 below displays Suez's historical and forecasted residential customers and sales. Suez's residential demand forecast indicates declining use per customer of 0.5% over the forecast period. The historical residential water sales data shows significant variability due primarily to varying weather conditions from year to year, whereas the forecast sales was weather normalized. The significant decline at the end of the actual period through 2011 was caused primarily by the Great Recession. The wavy forecast residential sales line is the result of a tiered rate methodology that assumes a water rate increase every four years and residential customers' reaction to the increasing price of water. Suez's forecast predicts residential customer growth at 1.9% annually and residential water demand growth at 1.5% over the 2012 to 2065 period, indicating decreasing use per customer.

Graph 9



Graph 10 below displays Suez’s historical and forecasted commercial customers and sales. The relationship between historical and forecasted commercial customers and sales follows many of the same general patterns as the residential class, with the exception that commercial use per customer increases over the forecast period at an annual rate of 0.2% annually (instead of decreasing as with use per residential customer). This slow growth rate matches the moderate commercial use per customer annual growth for the ten years preceding the great recession in 2007.

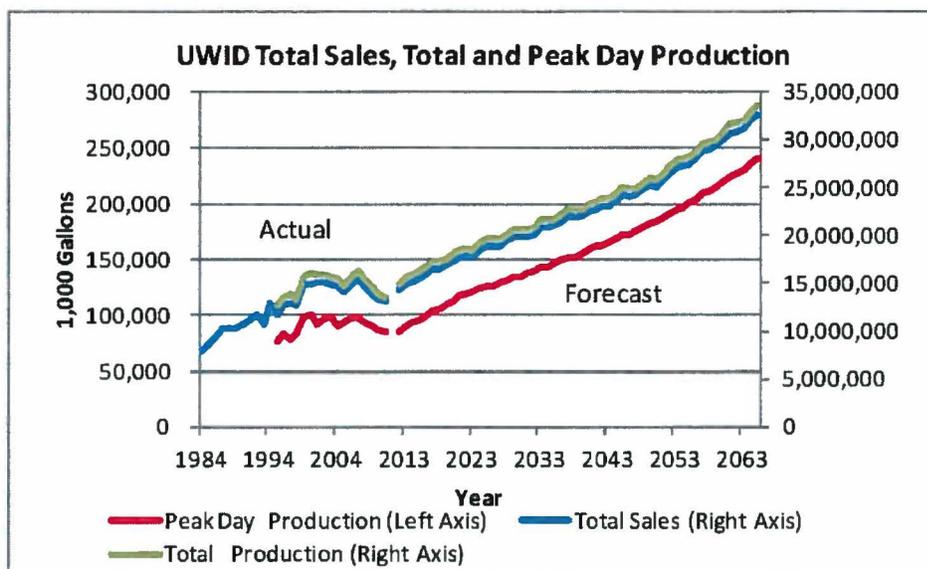
Graph 10



Finally, Graph 11 below displays Suez’s historical and forecasted total sales, total production, and Peak Day production. As discussed in the peaking factor section above, Suez’s Peak Day (i.e. MDD) forecast is assumed to be a constant 3.51% of the maximum monthly

average daily demand (what the RAFN Guidance calls “MMAD”) in August. As can be seen in Graph 11, there is parallel relationship among total sales, total production, and Peak Day production over the forecast through 2065.

Graph 11



## Conclusion

The analysis in this Report focuses on the reasonableness of the demographic and water use forecasts used in Suez’s Master Water Plan that is used to support Suez’s IMAP application. It is organized around the RAFN Guidance issued by the IDWR and compares the forecasts methodologies, standards, and benchmarks found in the Guidance with those used in the IMAP submission. In addition, the technical aspects of the methods used to produce Suez’s forecasts were examined for their reasonableness.

The analysis finds Suez’s population and water demand forecasts are reasonable when compared with those developed by TV CAMP, COMPASS, and the Department’s DCMI Report. In order to check Suez’s population projections, the Department’s population forecasting tool was employed and all but one of the model forms (which did not produce a relevant result) produced higher forecasts of population.

In order to produce forecasts for population and households within Suez's Planning Area, TAZ's (Traffic Analysis Zones) supplied by COMPASS are used. TAZ's within the Planning Area were evaluated with respect to current level of development, potential for future development, and the presence of area that will likely not be developed. Several areas within the Planning Area were site inspected and 'ground truthed' to facilitate the judgment used to determine growth potential. Different growth assumptions could be made among the various TAZs, however Suez's population projections that resulted from these judgments are consistent with other contemporary forecasts and indicates, as a whole, the projections are reasonable.

Suez's residential and commercial customer forecasts and thus the water demand forecasts result from regression analyses based, respectively, on total forecasted Ada County population and non-agricultural employment. The TAZ analysis does not drive the residential or commercial customer forecasts or the demand forecasts and is used to corroborate the accuracy of the regression analyses.

The regression equations used to project the numbers of residential and commercial customers that make up 99% of Suez's total water sales are rationally formed and have robust statistical fits. The same is true for the regression equations used to forecast water use per residential and commercial customer.

The demographic and water demand forecasts developed for Suez over the next 50 years are complex and detailed. Varying assumptions can be made for individual parts of the forecasts, but this analysis found none that would be considered unreasonable. Taking into account the historical information, projections by others, and reasonable assumptions for future conditions, Suez's forecast as a whole over the 50-year Planning Horizon appears reasonable and compares well to other contemporary projections.

## AFFIDAVIT OF DON C. READING

DON C. READING, being first duly sworn hereby states as follows:

1. Since 1989, I have been Vice President of Ben Johnson Associates, Inc. From 1986 to 1989, I served as a Consulting Economist at that firm.
2. From 1981 to 1986, I served as Economist / Director of Policy and Administration at the Idaho Public Utilities Commission.
3. From 1980 to 1981, I held the position of Associate Professor at the University of Hawaii – Hilo.
4. From 1970 to 1980, I held the position of Associate and Assistant Professor at the Idaho State University.
5. From 1968 to 1970, I held the position of Assistant Professor at Middle Tennessee State University.
6. My mailing address 6070 West Hill Road, Boise, Idaho 83703.
7. I hold a B.S. degree in economics from Utah State University, an M.S. in economics from the University of Oregon, and a Ph.D. in economics from Utah State University.
8. I have been retained by Suez Idaho Inc. and its predecessor, United Water Idaho Inc., (collectively “Suez”) to evaluate the Reasonably Anticipated Future Needs forecast prepared by Mr. John Church which is set out in Suez’s *Master Water Plan for the Years 2015 to 2065* (“Church Forecast”).
9. In the course of evaluating the Church Forecast, I was provided unrestricted access to multiple drafts versions and the final version of the forecast as well as the underlying data. On multiple occasions, I met with Mr. Church for extensive

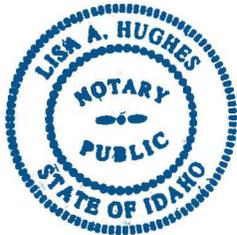
discussions regarding the methodology and data he employed in developing the Church Forecast. As a result of those interactions, Mr. Church made certain technical changes in the Church Forecast.

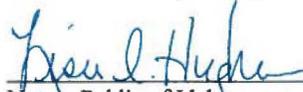
10. The results of my evaluation are set out in the preceding document entitled *A Review of the Population and Water Demand Forecasts in Suez Idaho Inc.'s Master Water Plan (2015 – 2065)*. I am the author of that document.

DATED this 8<sup>th</sup> day of July, 2016.

  
\_\_\_\_\_  
Don C. Reading

SUBSCRIBED AND SWORN to before me this 8<sup>th</sup> day of July, 2016.



  
\_\_\_\_\_  
Notary Public of Idaho  
Residing at: Bonanza, Idaho  
Commission Expires: 3.22.2019

**Exhibit 6 RESUME OF DON C. READING**



## Don C. Reading

### *Present position*

Vice President and Consulting Economist

### *Education*

B.S., Economics C Utah State University  
M.S., Economics C University of Oregon  
Ph.D., Economics C Utah State University

### *Honors and awards*

Omicron Delta Epsilon, NSF Fellowship

### *Professional and business history*

Ben Johnson Associates, Inc.:  
1989 ---- Vice President  
1986 ---- Consulting Economist

Idaho Public Utilities Commission:  
1981-86 Economist/Director of Policy and Administration

### Teaching:

1980-81 Associate Professor, University of Hawaii-Hilo  
1970-80 Associate and Assistant Professor, Idaho State University  
1968-70 Assistant Professor, Middle Tennessee State University

### *Firm experience*

Dr. Reading provides expert testimony concerning economic and regulatory issues. He has testified on more than 35 occasions before utility regulatory commissions in Alaska, California, Colorado, the District of Columbia, Hawaii, Idaho, Nevada, North Dakota, North Carolina, Oregon, Texas, Utah, Wyoming, and Washington.

Dr. Reading has more than 30 years experience in the field of economics. He has participated in the development of indices reflecting economic trends, GNP growth rates, foreign exchange markets, the money supply, stock market levels, and inflation. He has analyzed such public policy issues as the minimum wage, federal spending and taxation, and import/export balances. Dr. Reading is one of four economists providing yearly forecasts of statewide personal income to the State of Idaho for purposes of establishing state personal income tax rates.

In the field of telecommunications, Dr. Reading has provided expert testimony on the issues of marginal cost, price elasticity, and measured service. Dr. Reading prepared a state-specific study of the price elasticity of demand for local telephone service in Idaho and recently conducted research for, and directed the preparation of, a report to the Idaho legislature regarding the status of telecommunications competition in that state.

Dr. Reading's areas of expertise in the field of electric power include demand forecasting, long-range planning, price elasticity, marginal and average cost pricing, production-simulation modeling, and econometric modeling. Among his recent cases was an electric rate design analysis for the Industrial Customers of Idaho Power. Dr. Reading is currently a consultant to the Idaho Legislature's Committee on Electric Restructuring.

Since 1999 Dr. Reading has been affiliated with the Climate Impact Group (CIG) at the University of Washington. His work with the CIG has involved an analysis of the impact of Global Warming on the hydro facilities on the Snake River. It also includes an investigation into water markets in the Northwest and Florida. In addition he has analyzed the economics of snowmaking for ski areas impacted by Global Warming.

Among Dr. Reading's recent projects are a FERC hydropower relicensing study (for the Skokomish Indian Tribe) and an analysis of Northern States Power's North Dakota rate design proposals affecting large industrial customers (for J.R. Simplot Company). Dr. Reading has also performed analysis for the Idaho Governor's Office of the impact on the Northwest Power Grid of various plans to increase salmon runs in the Columbia River Basin.

Dr. Reading has prepared econometric forecasts for the Southeast Idaho Council of Governments and the Revenue Projection Committee of the Idaho State Legislature. He has also been a member of several Northwest Power Planning Council Statistical Advisory Committees and was vice chairman of the Governor's Economic Research Council in Idaho.

While at Idaho State University, Dr. Reading performed demographic studies using a cohort/survival model and several economic impact studies using input/output analysis. He has also provided expert testimony in cases concerning loss of income resulting from wrongful death, injury, or employment discrimination. He is currently an adjunct professor of economics at Boise State University (Idaho economic history, urban/regional economics and labor economic.)

Dr. Reading has recently completed a public interest water rights transfer case. He has also just completed an economic impact analysis of the 2001 salmon season in Idaho.

"Energizing Idaho", Idaho Issues Online, Boise State University, Fall 2006.  
[www.boisestate.edu/history/issuesonline/fall2006\\_issues/index.html](http://www.boisestate.edu/history/issuesonline/fall2006_issues/index.html)

### ***Publications***

The Economic Impact of the 2001 Salmon Season In Idaho, Idaho Fish and Wildlife Foundation, April 2003.

The Economic Impact of a Restored Salmon Fishery in Idaho, Idaho Fish and Wildlife Foundation, April, 1999.

The Economic Impact of Steelhead Fishing and the Return of Salmon Fishing in Idaho, Idaho Fish and Wildlife Foundation, September, 1997.

ACost Savings from Nuclear Resources Reform: An Econometric Model@ (with E. Ray Canterbury and Ben Johnson) *Southern Economic Journal*, Spring 1996.

A Visitor Analysis for a Birds of Prey Public Attraction, Peregrine Fund, Inc., November, 1988.

Investigation of a Capitalization Rate for Idaho Hydroelectric Projects, Idaho State Tax Commission, June, 1988.

"Post-PURPA Views," In Proceedings of the NARUC Biennial Regulatory Conference, 1983.

An Input-Output Analysis of the Impact from Proposed Mining in the Challis Area (with R. Davies). Public Policy Research Center, Idaho State University, February 1980.

*Phosphate and Southeast: A Socio Economic Analysis* (with J. Eyre, et al). Government Research Institute of Idaho State University and the Southeast Idaho Council of Governments, August 1975.

*Estimating General Fund Revenues of the State of Idaho* (with S. Ghazanfar and D. Holley). Center for Business and Economic Research, Boise State University, June 1975.

"A Note on the Distribution of Federal Expenditures: An Interstate Comparison, 1933-1939 and 1961-1965." In *The American Economist*, Vol. XVIII, No. 2 (Fall 1974), pp. 125-128.

"New Deal Activity and the States, 1933-1939." In *Journal of Economic History*, Vol. XXXIII, December 1973, pp. 792-810.

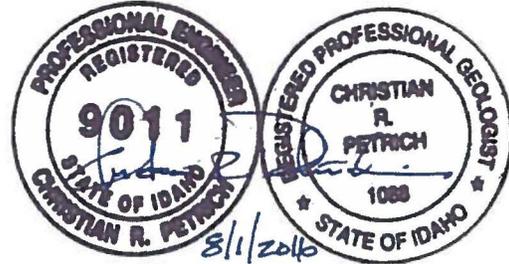


**Exhibit 7 REPORT BY CHRISTIAN R. PETRICH**



**MEMORANDUM**

**DATE:** August 1, 2016  
**TO:** Christopher H. Meyer, Esq.  
Givens Pursley, LLP  
**FROM:** Christian R. Petrich, Ph.D., P.E., P.G.  
**RE:** Suez Water Master Plan Demand Projections



Per your request, I have reviewed water-demand projections described in a draft version of the *Suez Master Water Plan for the Years 2015 to 2065* (dated January 29, 2016).<sup>1</sup> I also compared the Suez water-demand projections with new domestic, commercial, municipal, and industrial (DCMI) water-demand projections recently prepared for the Treasure Valley on behalf of the Idaho Water Resource Board (SPF, 2016).

The Suez forecast was made for the portion of the Treasure Valley that Suez anticipates serving during the next 50 years (see the "Suez Planning Area" in Figure 1). The SPF water-demand forecast projected DCMI use in the entire Treasure Valley, which is served by Suez and a number of other DCMI providers. Both the Suez and SPF forecasts were built on existing water-use data, although Suez relied on a more detailed and complete dataset of historical water use by customer class. The 50-year planning horizon (2015 to 2065) used in the Suez projections is the same as that used for the SPF Treasure Valley water-demand projections. Population projections used in the Suez and SPF Treasure Valley projections were extrapolated from the same Community Planning Association of Southwest Idaho (COMPASS) population projections. The same Transportation Analysis Zones (TAZs) developed by COMPASS (for transportation planning) were used in these forecasts for projecting population, households, and water demand.<sup>2</sup>

The Suez and SPF estimates of 2015 population and households and 2065 population and household projections are very similar (Table 1), which is not surprising because these

<sup>1</sup> I understand that portions of this plan have been revised since January 29, but that the projections have not materially changed.

<sup>2</sup> The portion of the Treasure Valley served by Suez was identified by TAZ based on a list provided by Suez.

estimates and projections were prepared by the same individual (John Church, Idaho Economics)<sup>3</sup> and based on the same COMPASS projections. Similarly, the 2015 SPF estimate of water use in the Suez service area (Table 3) is very similar to that which is presented in the Suez report (Suez provided DCMI water-use data to SPF for the Treasure Valley projections).

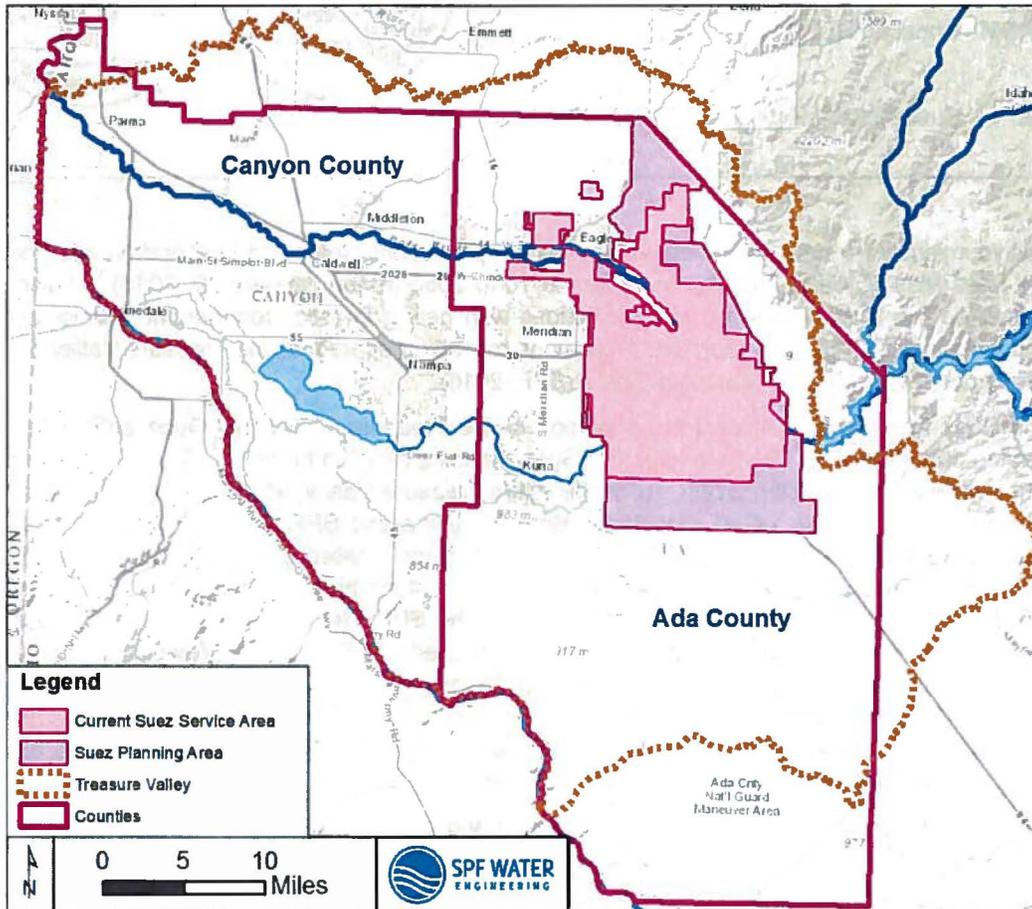


Figure 1. Current Suez service area and Treasure Valley DCMI projection area.

<sup>3</sup> The difference in 2015 households and projected 2065 households reflects refinements made for the SPF projections by Mr. Church after the Suez household projections had been completed.

| Comparison of SPF and Suez Population Projections and Estimates of Current Use |         |         |   |
|--|---------|---------|---|
| Parameter  | SPF     | Suez    | Suez Data Source                        |
| 2015 Suez population   | 248,400 | 247,300 | App. A, pg. A-157                       |
| 2015 Suez households   | 99,900  | 99,500  | App. A, pg. A-157                       |
| 2065 Suez population   | 499,700 | 499,700 | App. A, pg. A-171                       |
| 2065 Suez households   | 212,500 | 219,200 | App. A, pg. A-171                       |
| 2015 water use   | 48,700  | 49,800  | App. A, pg. A-7<br>(16,224,222,000 gal) |
| All values are based on Suez Planning Area. All values are rounded.            |         |         |   |

Table 1. Comparison of SPF and Suez Population Projections.

Despite commonality in underlying data, Suez and SPF used somewhat different approaches in projecting future water demand. The Suez water-demand projections were based on data describing the number of customers, detailed monthly water-use data, weather variables reflecting temperature and precipitation, the price of water, a downward-trending variable to reflect water conservation and related factors, and changes in customer profiles when Suez acquired the South County Water Company. SPF's Treasure Valley water-demand projections were based on estimates of existing production by primary Treasure Valley DCMI water purveyors (including Suez); population, household, and employment projections by TAZ; current valley-wide average per-capita indoor water-use rates; anticipated irrigation demand for new households; and assumptions regarding the amount of future DCMI irrigation that will be met by existing surface-water supplies. SPF prepared projections of future water demand for four water-demand scenarios, distinguished by differences in irrigation and water-conservation assumptions (Table 2).

Despite differences in methodology between the Suez and SPF forecasts, the water-demand projections are consistent. The Suez 2065 water-demand projection for the Suez service area (103,000 AF – see Table 3) is similar to SPF's Scenario 2 water-demand projection (106,000 AF). The SPF Scenario 1 DCMI water-demand projection (116,000 AF in 2065), for which no additional water conservation was assumed, is greater than the Suez 103,000-AF projection. The SPF Scenario 3 water-demand projection (86,000 AF in 2065) is less than the 103,000-AF Suez projection, but the SPF Scenario 3 is built on an assumed 30% reduction in domestic and irrigation water use by the year 2065. At this point there is no clear policy or economic basis that ensures that the conservation levels assumed in Scenario 3 will be achieved. SPF Scenario 4, which was built on the conservation assumptions in Scenario 2 but for which greater irrigation was assumed, resulted in a projected demand of

118,000 AF/year by the year 2065, which is substantially higher than the 103,000 AF/year Suez projection.

In my view, Scenario 2 (106,000 AF/year by the year 2065) is the most probable of the SPF scenarios given current water-use and urban-development trends. The Suez annual demand projection (103,000 AF/year by the year 2065) is similar to (but less than) SPF's Scenario 2 projection (106,000 AF/year by the year 2065).

The actual future water use will depend on the actual growth in population and households, future availability of groundwater and surface water, irrigation-season temperatures, water-use efficiency, the cost of water, and numerous other factors.

| SPF Scenario Descriptions  |   |  |   |   |
|----------------------------|---|--|---|---|
| Scenario →                 | 1   | 2  | 3   | 4   |
|                            | <b>Partial Irrigation</b><br>(assume that either 75% of irrigable area is fully irrigated or 100% of irrigable land is irrigated with 75% of the water needed for fully-irrigated turf) |  |   | <b>Full Irrigation</b><br>(assume 100% of DCM land is irrigated with 100% of the water needed for turf)   |
|                            | <b>No Conservation (Baseline)</b>   | <b>Moderate Conservation</b>   | <b>More Aggressive Conservation</b>   | <b>Moderate Conservation</b>  |
| <b>Primary Assumptions</b> | No conservation   | 20% reduction in indoor use in new construction<br><br>10% reduction in outdoor use in existing and new construction | 30% reduction in indoor use in existing and new construction<br><br>30% reduction in outdoor use in existing and new construction | Full water use (see text)<br><br>20% reduction in indoor use in new construction<br><br>10% reduction in outdoor use in existing and new construction |

Table 2. SPF water-demand scenarios.

| Comparison of SPF and Suez Water-Demand Projections                 |          |           |   |
|---|----------|-----------|---|
| Parameter   | SPF (AF) | Suez (AF) | Suez Data Source                        |
| 2015 water use  | 48,700   | 49,800    | App. A, pg A-7<br>(16,224,222,000 gal)  |
| 2065 water-demand projection<br>SPF Scenario 1                      | 116,000  | 103,000   | App. A, pg. A-8<br>(33,541,750,000 gal) |
| 2065 water-demand projection<br>SPF Scenario 2                      | 106,000  |           |   |
| 2065 water-demand projection<br>SPF Scenario 3                      | 86,000   |           |   |
| 2065 water-demand projection<br>SPF Scenario 4                      | 118,000  |           |   |
| All values are based on Suez Planning Area. All values are rounded. |          |           |   |

Table 3. Comparison of SPF and Suez Projections.

#### Reference

SPF, 2016. Treasure Valley DCMI Water-Demand Projections (2015-2065), consulting report prepared for the Idaho Water Resource Board and the Idaho Department of Water Resources by SPF Water Engineering, LLC (final draft dated June 2016).



**Exhibit 8 RESUME OF CHRISTIAN R. PETRICH**



**Education**

**Ph.D., Geology**  
University of Idaho  
**M.S., Civil Engineering**  
Washington State University  
**B.S., Resource Conservation**  
University of Montana

**Professional Certifications**

**Professional Engineer**  
Idaho No. 9011  
**Professional Geologist**  
Idaho No. 1088  
**Certified Water Rights Examiner**  
Idaho No. 7-132

**Areas of Expertise**

- Aquifer characterization
- Ground water monitoring
- Ground and surface water interaction
- Idaho water rights
- Simulation of ground water flow
- Geothermal analysis and simulation
- Expert witness services
- Teaching and instruction

**Experience Summary**

Dr. Petrich has over 29 years of progressive academic, professional, and managerial experience in hydrology and water resource engineering. He has particular expertise in characterizing regional ground water flow systems (including groundwater and surface water interaction), development and calibration of numerical groundwater flow models, analysis of geothermal systems, analysis of water rights, and solving water problems through facilitation and mediation.

SPF Water Engineering, LLC – 2004 to Present

Dr. Petrich is currently a Principal Engineer/Hydrologist with (and co-founder of) SPF Water Engineering, LLC (SPF). Representative project experience includes the following:

- Idaho Water Resource Board – Prepare projections of future water demand in Ada County, Canyon County, and the Mountain Home Plateau portion of Elmore County (2015).
- Coalition of Cities (Bliss, Burley, Carey, Declo, Dietrich, Gooding, Hazelton, Heyburn, Jerome, Paul, Richfield, Rupert, Shoshone, and Wendell) – Technical support for Surface Water Coalition delivery call (2015).
- Coalition of Cities (Bliss, Burley, Carey, Declo, Dietrich, Gooding, Hazelton, Heyburn, Jerome, Paul, Richfield, Rupert, Shoshone, and Wendell) – Water right review, quantification of consumptive use, development of mitigation plan in response to the Rangen delivery call (2014).
- Idaho Office of the Attorney General/Idaho Dept. of Lands – Technical support for litigation related to Payette River island ownership matters (2014).
- SunRidge Dairy LLC – Technical support in resolution of multiple permit and transfer protests by the Boise Project Board of Control (2014).
- Sun Valley Company – Development of mitigation strategy; representation on Big Wood River Modeling Committee (2013 to present).
- Idaho Office of the Attorney General – Technical support for matters related to Snake River flow measurement above and below Swan Falls Dam (2011 to present).
- Farm Development Corporation - Analysis of water supply for large groundwater applications; respond to IDWR questions, prepare mitigation plan (2013-present).

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**Christian R. Petrich, Ph.D., P.E., P.G.**

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- Pioneer Irrigation District (Moffatt Thomas Barrett Rock & Fields, Chtd.) – Technical support and expert witness services for Pioneer Irrigation District vs. City of Caldwell, Canyon Co. Case No. CV 08-556-C (2009-2014).
- City of Moscow/TerraGraphics Engineering – Identification and analysis of surface-water storage (e.g. reservoir) and supply alternatives, including Aquifer Storage and Recovery (ASR) potential; projection of regional water demand (2010 -2013).
- City of Hailey – Update of potential mitigation options in anticipation of conjunctive administration, Council presentation (2013).
- U.S. National Park Service – Well construction oversight, Crater Lake National Park (2013).
- City of Middleton – Preliminary ground water supply assessment (2013).
- Office of the Attorney General – Compilation and analysis of Eastern Snake River Plain "trust area" water rights related to Swan Falls Settlement litigation, ongoing technical support (2008-2013).
- SunRidge Dairy LLC - Water supply investigation for water right application in southern Canyon County, multiple transfers and applications (2012 -2013).
- Nevid LLC and ARK Properties LLC – Technical support related to water supply and water availability for consolidated water-right cases in western Ada County and eastern Elmore County (2012-2013).
- Boise Project Board of Control – Review of USBR investigation into conditions leading to flooding in Minuteman Way area (2011-2013).
- Moore & Elia, LLP/Idaho Counties Risk Management Program (ICRMP) – Technical support on behalf of defendant (Boise Project Board of Control) in Robert and Meredith Allis vs. Boise Project Board of Control and DOES I-X, Ada County Case No. CV OC 102-1285 (2010-2013).
- Kirkwood Bank & Trust Company – Water supply analysis in support of water-right application, resolution of application protests (2011-2013).
- Jackson Law Office/Saetrum Law Office – Technical support on behalf of defendant in Maybon vs. Aviles, Owyhee County Case No. CV-10-01477M (2011-2012).
- John Marshall Law PLLC – Water supply assessment for Farm Development Corporation, Allen Noble Farms, and A-D Cattle Company lands in Canyon County, Idaho (2011).
- Dennis Rider – Analysis of available water supply in support of water-right applications in western Elmore County (2011)
- Idaho Department of Fish and Game - Analysis of hydrologic implications associated with a proposed point of diversion change under water right 72-4077 (2011).
- Portneuf Watershed Users Association (Moffatt Thomas Barrett Rock & Fields, Chtd.) – Technical support in the matter of protest to Transfer 76779 (2011).
- US Department of Veteran Affairs – Analysis of geothermal water availability for Fort Harrison facility (Helena, Montana); preparation of final report summarizing well construction and testing (2010-2011).
- Barker Rosholt & Simpson – Analysis of Tenmile Creek hydrology for defendant in United States of America vs. Rodriguez, CR-09-279-S-BLW (2011).

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**Christian R. Petrich, Ph.D., P.E., P.G.**

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- Tyson Fresh Meats, Inc. – Analysis of existing water rights, historical water use, and water-level trends; provide technical support in the matter of Application for Permit 63-12546 (2010-2012).
- Nevid, LLC – Design and testing of 1,000-foot test well; design and testing of 1,100-foot public water system production well (2010-2011).
- Sands, LLC – Technical support and expert testimony on behalf of plaintiff in Sands LLC vs. Timothy and Jennifer Swenson, Boise County Case No. CV 2008-255 (2010).
- ENERCON Services, Inc. – Water availability analysis for the Idaho Energy Complex Payette County site (2010).
- Idaho Water Resource Board – 50-year water demand projections for the Rathdrum Prairie aquifer area (prepared as part of Comprehensive Aquifer Management Plan); included analysis of potential climate variability impacts and alternative conservation measures (2009-2010).
- Nevid, LLC – Technical support and expert testimony in the matter of Application for Permit 61-12090 before the Department of Water Resources (2009).
- Double C Farms (Givens Pursley LLP) – Technical support for federal sentencing hearing, which included evaluation of groundwater conditions in the Oakley Fan and Burley area, United States of America vs. Cory Ledal King, CR No. 08-002-E-BLW (2009).
- Hepworth, Lezamiz, and Janis – Technical support (including the analysis of local aquifer conditions in a portion of the Twin Falls area) on behalf of plaintiff in Bastians vs. Twin Falls Canal Company, Twin Falls Case No. CV-07-3632 (2008).
- Idaho Ground Water Appropriators – Litigation support and expert testimony in A&B Delivery Call; included analysis of aquifer conditions in the A&B service area of the Eastern Snake River Plain near Rupert, Idaho (2007-2009).
- MidAmerican Energy Company/ENERCON Services, Inc. – Analysis of Snake and Payette river water availability for a proposed Pearl power facility in Payette County (2007-2008).
- Elmore-Ada Water Project – Analysis of Snake River water availability, regional aquifer characteristics, and water availability in a bi-county area; development of Aquifer Storage and Recovery (ASR) strategy; and analysis of multiple water supply alternatives (2007-2008).
- City of Bellevue – Technical support related to water rights, potential annexation, and conjunctive administration (2007-2011).
- Eaglefield, LLC – Review of City of Eagle 9-day pumping test; technical support and testimony on behalf of Eaglefield, LLC and the City of Eagle in the matter of Applications for Permit 63-32089 and 63-32090 before the Idaho Department of Water Resources (2007).
- Idaho Ground Water Appropriators – Technical support for “Surface Coalition” Delivery Call, including mapping and evaluation of urban irrigated areas (2006-2007).
- Micron Technology, Inc. – Analysis and simulation (using MODFLOW) of diversion rates and groundwater levels in the Southeast Boise Ground Water Management Area to evaluate effects of water injection and pumping (2006-2007).
- US Geothermal, Inc./Raft River Energy LLC – Simulation of groundwater flow and transport for the Raft River Geothermal Power Project (2006).

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## Christian R. Petrich, Ph.D., P.E., P.G.

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- City of Marsing, Idaho – Groundwater supply assessment (2006).
- JRG Partners (Givens Pursley LLP) – Technical support in the matter of Application for Transfer 71076 in Teton County (2006).
- United Water Idaho – Comprehensive water supply assessment for public water system with 87 high-capacity wells (2004-2005).
- SunCor Idaho, LLC – Hydrogeologic characterization, well testing, technical support, and expert testimony in the matter of Application for Permit 63-32061 before the Idaho Department of Water Resources (2005-2006).
- McCain Foods USA – Water supply assessment for a 4 MGD potato processing facility in Eastern Snake River Plain area (2004-2005).

### Idaho Water Resources Research Institute –1996 to 2004

- Principal Investigator of the Treasure Valley Hydrologic Project, an 8-year regional groundwater study to characterize regional flow characteristics, develop a numerical flow model (MODFLOW), and evaluate the effects of regional groundwater pumping (under contract with the Idaho Department of Water Resources, 1996-2004).
- Assessment and simulation of hydrologic conditions in the Boise Front geothermal aquifer – conducted a hydrogeologic investigation of the Boise Front geothermal aquifer and oversaw the development of a numerical model to simulate temperature and flow; study was used to resolve technical issues in water right litigation (under contract with the City of Boise and National Renewable Energy Laboratory, 2002-2004).

### University of Idaho – 1989 to 1996

- Taught or co-taught the following graduate-level courses: Computer Geology (1989), Computer Applications (i.e., modeling) in Hydrology (1989, 1991), and Contaminant Hydrogeology (1990, 1992, 1995).
- Conducted doctoral research in the transport of conservative ions (e.g., bromide) and particle tracers (2-, 5-, and 15- $\mu$  polystyrene microspheres and agarose-encapsulated flavobacterium) in a shallow, unconsolidated aquifer.
- Subsurface transport research between 1995 and 1996 as a Postdoctoral Fellow with the Institute for Molecular and Agricultural Genetic Engineering.

### Miscellaneous Experience, 1986 to 1995

- Pullman-Moscow Water Resources Committee, Executive Secretary – guided committee-funded research, organized and maintained a groundwater withdrawal and water level database, began development of a water conservation program (part-time, 1994-1996).
- TerraGraphics Environmental Engineering, Moscow Idaho – hydrogeologic evaluations, numerical model reviews, reviews of proposed Bunker Hill (Idaho) superfund site remedial designs, and development of present-value cost estimates for operations and maintenance tasks associated with remedial designs (part-time, 1993-1995).
- Independent consulting – well location and design consultations (various clients), well interference investigations (State of Idaho Risk Management Bureau), short course presentations on wellhead protection (Idaho Water Resources Institute, Idaho Department of Environmental Quality) numerical modeling (University of Idaho Irrigation Systems Management Program), numerical modeling (private clients) (part-time, 1989-1996).
- Engineering-Science, Inc., Cleveland, Ohio – site characterization, well design, sampling and analysis, environmental impact mitigation, and recovery system design and installation at bulk and retail petroleum storage facilities (9 months, 1986-1987).

**Recent Public Domain Publications, Presentations, and Short Courses**

- McHugh, C., C. Bromley, C. Petrich, and S. King. Northern Idaho Adjudication Workshop. Presented through the Association of Idaho Cities, April 4, 2014.
- Petrich, C., T. Scanlan, and S. King. Hydrology for Attorneys. Short course presented through the Idaho State Bar, November 15, 2013.
- Petrich, C. Municipal Water Issues Panel Discussion. Association of Idaho Cities, June 19, 2013.
- Petrich, C. Planning for a Future Water Supply. BSU Water Works Panel Discussion, April 26, 2013.
- Petrich C. Treasure Valley Hydrology. BSU Hydrogeology class (J. McNamara, instructor). March 21, 2013.
- Petrich, C. 2012. Agricultural and Residential Irrigation Water Needs: Fact and Fiction. Summer Water Law and Resource Issues Seminar, Idaho Water Users Association, Sun Valley, Idaho.
- Petrich, C. (moderator), C. Meyer, G. Baxter, and J. Fereday, 2012. Water Planning for Cities – News You Can Use! Association of Idaho Cities Annual Conference, Boise, Idaho.
- Petrich, C. 2011. Long-Range Water Demand Forecasting. University of Idaho Water Resource Seminar, Boise, Idaho.
- Petrich, C. 2011. Projecting Long-Term Water Demand. Law Seminars International, Boise, Idaho.
- Petrich C. (moderator), C. Meyer, T. Barry, M. Fuss, P. Klatt, F. Haemmerle, 2011. Conjunctive Management – Implications for Municipal Water Supplies. Association of Idaho Cities Annual Conference, Boise, Idaho.
- Petrich, C. 2010. Treasure Valley Hydrology. Presentation to Treasure Valley Comprehensive Aquifer Management Plan (CAMP) Advisory Committee.
- Petrich, C. 2010. Rathdrum Prairie Future Water Demand Projections. Spokane River Forum, March 22, 2010.
- Petrich, C. 2010. Panel discussion on water supply issues. Urban Land Institute, Coeur d'Alene, Idaho, June 2010.
- Petrich, C. 2010. Panel discussion on water supply issues. Urban Land Institute, Boise, Idaho, June 2010.
- Petrich, C. 2010. Treasure Valley Water Supply Choices and Trade-offs. Idaho Environmental Forum, August 11, 2010.
- Cooper, C. and C. Petrich. 2010. Water System Planning and Optimization. Association of Idaho Cities, Idaho Falls, Idaho.
- McHugh, C. and C. Petrich. 2009. Can Water Delivery Calls Lead to Curtailment of Municipal Pumping? Association of Idaho Cities, June 19, 2009.



**Exhibit 9 REPORT OF PHILLIP J. RASSIER AND EXPLANATORY EMAIL**





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Ketchum Office: 321 S. Leadville Ave., Ketchum ID 83353  
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## MEMORANDUM

TO: Christopher H. Meyer, Givens Pursley, LLC  
FROM: Phillip J. Rassier, J.D., Idaho Water Engineering, LLC  
RE: Authority of IDWR to Impose a Reopener Condition on a RAFN Water Right  
DATE: June 5, 2015

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I am pleased to have the opportunity to present this memorandum addressing the authority of the Director of the Idaho Department of Water Resources ("Department" or "IDWR") regarding the establishment of long-term planning horizons under the 1996 Municipal Water Rights Act ("1996 Act"). You have requested the memorandum in your capacity as attorney with Givens Pursley LLC representing United Water Idaho.

### ***Background***

You related that, from time to time, you have engaged in conversations with Department counsel and staff on the subject of long-term planning horizons for reasonably anticipated future needs ("RAFN") municipal water rights under the 1996 Act. The discussions focused on the reliability and utility of any long-term forecasts of water demand for municipal providers, particularly those over 30 years. You reportedly urged in the conversations that IDWR should embrace long-term (i.e., 50-year) planning horizons, at least for those municipal providers that can document significant growth patterns. To address the concern over forecast reliability, you suggested use of a reopener condition that would allow a revisiting of the forecasts every decade or two with the municipal provider being required to relinquish a portion of its RAFN water right portfolio if no longer required for projected needs. The Department indicated that it could not require partial relinquishment of the RAFN water rights as suggested because once a license is issued the water right is inviolate (absent forfeiture). In other words, the Department's view is that once it approves a RAFN water right, the right is protected from forfeiture for the life of the planning horizon and cannot be diminished even if it becomes evident after 20 or 30 years that the full amount of water is not required to meet future needs.

### ***Questions Addressed***

Reflecting your conversations with representatives of the Department, you presented Question No. 1 for my consideration, and subsequently directed my consideration of Question No. 2:

1. Would including a reopener condition on a municipal RAFN water right for the purpose of potentially reducing the quantity element of the right, to the extent it was

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Memorandum to Christopher H. Meyer Re: RAFN Reopener Condition, June 5, 2015 Page 1 of 6

no longer needed to satisfy reasonably anticipated future needs, fall within the discretionary authority of the Director of IDWR?

*Short Answer:* No.

2. Would including a reopener condition on a municipal RAFN water right for the purpose of reviewing and potentially extending or reducing the length of the planning horizon associated with the right, based on change in the reasonably anticipated future needs of the municipal provider, fall within the discretionary authority of the Director of IDWR?

*Short Answer:* Yes.

#### *Analysis for Question No. 1*

Question No. 1 asks whether including a reopener condition on a municipal RAFN water right for the purpose of potentially reducing the quantity element of the right, to the extent it is no longer needed to satisfy reasonably anticipated future needs, would fall within the discretionary authority of the Director of IDWR? The analysis for Question No. 1 begins with recognition that the Department's authority to impose conditions on water rights is limited to those authorities provided through statute, or agency rules duly promulgated pursuant to statutory authority. Vested water rights constitute real property rights under Idaho law and therefore are not subject to diminishment except as specifically authorized in accordance with law. *See* Idaho Code § 55-101. Having taken note of these well-established legal principles, it is further recognized that in some instances an administrative agency is allowed to address difficult or unforeseen circumstances—usually through an exercise of discretion by the agency head subject to judicial review under an abuse of discretion standard. *See e.g., American Falls Reservoir Dist. No. 2 v. Idaho Dept. of Water Resources*, 143 Idaho 862, 880, 154 P.3d 433, 451 (2007) (“Somewhere between the absolute right to use a decreed water right and an obligation not to waste it and to protect the public's interest in this valuable commodity, lies an area for the exercise of discretion by the Director.”).

The question here posed is whether including a reopener condition on a municipal RAFN water right for “reasonably anticipated future needs,” would likely be construed to fall within the discretionary authority of the Director of IDWR. RAFN is defined by statute as follows:

(8) “Reasonably anticipated future needs” refers to future uses of water by a municipal provider for municipal purposes within a service area which, on the basis of population and other planning data, are reasonably expected to be required within the planning horizon of each municipality within the service area not inconsistent with comprehensive land use plans approved by each municipality. Reasonably anticipated future needs shall not include uses of water within areas overlapped by conflicting comprehensive land use plans.

Idaho Code § 42-202B(8).

Once established, Idaho law provides that a RAFN water right shall not be lost or forfeited for nonuse unless the planning horizon specified for the right has expired and the water is no longer needed for reasonably anticipated future needs:

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Memorandum to Christopher H. Meyer Re: RAFN Reopener Condition, June 5, 2015 Page 2 of 6

(2) A water right held by a municipal provider to meet reasonably anticipated future needs shall be deemed to constitute beneficial use, and such rights shall not be lost or forfeited for nonuse unless the planning horizon specified in the license has expired and the quantity of water authorized for use under the license is no longer needed to meet reasonably anticipated future needs.

Idaho Code § 42-223(2).

RAFN water rights may be established either through the modification of existing rights or through the approval of new rights by the Director of IDWR. With respect to modification of existing rights, the transfer statute, Idaho Code § 42-222(1), provides the Director with authority to “approve the change in whole, or in part, or upon conditions” without supplying guidance as to the acceptable nature of the conditions. In contrast, the licensing statute for municipal RAFN rights, Idaho Code § 42-219(1), provides the Director “shall condition the license to prohibit any transfer of the place of use outside the service area ... or to a new nature of use of amounts held for reasonably anticipated future needs **together with such other conditions as the director may deem appropriate.**” (Emphasis added). When RAFN rights are approved by the Director through modification of existing rights under the transfer statute it is presumed that the Director must impose the mandatory conditions required under the RAFN licensing statute, Idaho Code § 42-219(1), and that the Director is likewise authorized to add “such other conditions as the director may deem appropriate.” See *Hardy v. Higginson*, 123 Idaho 485, 489, 849 P.2d 946, 950 (1993) (holding “local public interest standard” applied to applications to appropriate water by I.C. § 42-203A also applicable to applications to amend a water right permit under I.C. § 42-211 although not mentioned in that statute).

The two mandated conditions under Idaho Code § 42-219(1) which prohibit changing the place of use or nature of use of RAFN rights withhold valuable attributes which otherwise would be contained in the “bundle of sticks” comprising the real property interests represented by the vested water rights. Significantly, the Idaho Legislature took the further step of providing that additional limitations or prohibitions may be placed upon RAFN water rights under “such other conditions as the director may deem appropriate” without restricting the nature or scope of the additional conditions. The imposition of any additional conditions on a RAFN water right “as deemed appropriate” by the Director would be subject to judicial review for a determination of whether the Director properly exercised the discretion authorized by the statute.

A potential issue raised for a reviewing court could be whether the Legislature in authorizing the Director to impose “such other conditions as the director may deem appropriate” could reasonably be construed to provide the Director with discretionary authority to include a reopener condition on a RAFN water right that would allow the Director to revisit the right’s quantity element setting the amount of water authorized to be put to actual use within the right’s approved planning horizon. The call of Idaho appropriation law for optimum development and use of the state’s water resources would be an appropriate rationale supporting use of such a reopener condition. “Why,” one might ask, “if it turns out the municipal provider no longer needs all of the water available under the RAFN right, should it be able to retain the full right?”

Such a reopener condition would potentially affect the real property interests represented by the water right. The effect of the condition could be viewed as similar in nature to the conditions mandated by the Legislature under Idaho Code § 42-219(1) to prohibit transfers in place or nature of use and thus coming within the discretionary authority of the Director to

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Memorandum to Christopher H. Meyer Re: RAFN Reopener Condition, June 5, 2015 Page 3 of 6

impose additional conditions as deemed appropriate. The view of IDWR staff that once licensed a water right is real property that cannot be altered by the Department in the absence of abandonment or forfeiture by the right holder is generally correct. The principle is germane to the extent a proposed alteration is inconsistent with the elements of the right as construed in the light of existing law and the conditions upon which the right was issued. Pertinent examples helping to make this point include hydropower rights reduced to benefit junior rights based upon a subordination condition; recharge rights curtailed at director discretion regardless of water availability based on statute; trust water rights issued subject to reduction or termination based upon a term reopener condition; and finally, the potential reduction in right of diversion under all rights established under the prior appropriation doctrine based upon director determination of waste, lack of need, or lack of beneficial use.

The issue becomes then, what provision of existing law, if any, might reasonably be construed to otherwise prohibit the Director from imposing the suggested reopener condition on a RAFN water right? A close reading of Idaho Code § 42-223(2) is supportive of the Department's position that once it issues a RAFN water right it cannot thereafter diminish the right during the term of the planning horizon even if it becomes evident that the full quantity of water authorized is not required. The language of the statute providing that a RAFN water right "shall not be lost or forfeited for nonuse unless the planning horizon specified in the license has expired" may readily be construed to preclude the Director from imposing a licensing condition that would potentially lead to a contrary result. If the statutory language used the wording "lost by forfeiture" or simply "forfeited" perhaps diminishment through operation of a reopener condition would not be precluded. However, the use of the words "lost or forfeited" appears to broaden the net sufficiently to encompass other avenues under which the state could determine a RAFN water right to be lost or diminished for nonuse.

My reading of Idaho Code § 42-223(2) is that "nonuse" of the water by the RAFN right holder is not a factor, at least as long as the term of the established planning horizon has not expired. The statute provides, "A water right held by a municipal provider to meet reasonably anticipated future needs shall be deemed to constitute beneficial use." Therefore, as long as the planning horizon for the RAFN right has not expired, the full quantity of water licensed under the right must be considered beneficially used and any determination of loss or forfeiture by the Director based either on "nonuse" or "no longer being required" is prohibited.

One could assert that if the total licensed quantity under the right is no longer necessary "to meet reasonably anticipated future needs" then the Director should be free to reduce the licensed quantity accordingly because (1) beneficial use no longer exists for the unneeded portion of the right, and (2) this unused quantity "is no longer needed to meet reasonably anticipated future needs." However, the wording of the statute does not allow for this outcome. The statute imposes a two-step standard. The second step of the standard may well be satisfied due to the absence of need for the water, but the first step of the standard is not satisfied until the full term of the planning horizon has transpired.

Would it make a difference if the right holder agreed to placement of the condition on the right? No, although arguably the issue might not then come before a court for review. However, it would not remove the limitation on the Director's authority to use a reopener condition to enable the Department to do that which the Legislature has said cannot be done.

My conclusion with respect to Question No. 1 is that the provisions of Idaho Code § 42-223(2) protecting a RAFN water right from being "lost or forfeited for nonuse unless the

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Memorandum to Christopher H. Meyer Re: RAFN Reopener Condition, June 5, 2015 Page 4 of 6

planning horizon specified in the license has expired” prevents the Director from including a reopener condition on a municipal RAFN water right for the purpose of potentially reducing the quantity element of the right, to the extent it is no longer needed to satisfy reasonably anticipated future needs.

### *Analysis for Question No. 2*

Question No. 2 asks whether including a reopener condition on a municipal RAFN water right for the purpose of reviewing and potentially extending or reducing the length of the planning horizon associated with the right, based on change in the reasonably anticipated future needs of the municipal provider, would fall within the discretionary authority of the Director of IDWR?

The question is important given the need and desire of municipal providers to seek the security of long-term RAFN rights with planning horizons of up to 50 years. The need and desire for this security by municipal providers must be balanced against the duty of the Director to identify a planning horizon, or period of years, for which it is “reasonable for a municipal provider to hold water rights to meet reasonably anticipated future needs.” Idaho Code § 42-202B(7). “The length of the planning horizon may vary according to the needs of the particular municipal provider.” *Id.*

The statutory provisions governing the Director’s authority to condition a municipal RAFN water right reviewed under Question No. 1 are also applicable to the analysis of Question No. 2. The conclusion reached in response to Question No. 1 is that the protection from loss or forfeiture language in Idaho Code § 42-223(2) serves to prevent the Director from being able to diminish the quantity element of a RAFN water right during the unexpired term of the approved planning horizon for the right. By contrast, Question No. 2 inquires whether the Director is authorized to condition a municipal RAFN right to allow the Director to subsequently reduce or expand the planning horizon itself in response to a change in the reasonably anticipated future water needs of the municipal provider following the issuance of the water right license. The term “planning horizon” is defined as follows by the 1996 Act:

(7) "Planning horizon" refers to the length of time that the department determines is reasonable for a municipal provider to hold water rights to meet reasonably anticipated future needs. The length of the planning horizon may vary according to the needs of the particular municipal provider.

Idaho Code § 42-202B(7).

As concluded under Question No. 1, the length of an unexpired planning horizon term determines when the Director is able to act to free up unused and unneeded RAFN water rights for other uses consistent with the optimum development and use of the state’s water resources. Question No. 2 shifts the focus of the analysis from reducing the quantity element of the right to modifying the length of the planning horizon “according to the needs of the particular municipal provider” as directed by Idaho Code § 42-202B(7).

The prohibitions against loss or forfeiture of a RAFN water right contained in Idaho Code § 42-223(2) do not prevent the Director from exercising his authority under Idaho Code § 42-219(1) to conditionally approve the length of the planning horizon for a RAFN water right. The

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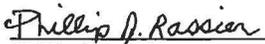
Memorandum to Christopher H. Meyer Re: RAFN Reopener Condition, June 5, 2015 Page 5 of 6

condition could provide the Director with the flexibility to periodically review and adjust the planning horizon in accordance with the changing needs of the municipal provider. For example, the condition could set a 50-year planning horizon with authorization for the Director to review the planning horizon at established intervals thereafter. The condition could allow the Director to either extend or reduce the planning horizon as determined appropriate in accordance with the changing needs of the municipal provider. This type of reopener condition on a RAFN water right could both satisfy the security needs of the municipal provider and fulfill the duty of the Director to identify a planning horizon for which it is "reasonable for a municipal provider to hold water rights to meet reasonably anticipated future needs" consistent with the provisions of Idaho Code § 42-219(1) and § 42-202B(7).

If during review of a planning horizon, the Director determines that not all water available under the RAFN water right is necessary to meet reasonably anticipated future needs, the Director could either extend the term of the planning horizon, or reduce the length of the planning horizon with the intent of allowing it to expire. Upon expiration of the planning horizon, the municipal provider would still have protection under section 42-223(2) as to all water needed to satisfy reasonably anticipated future needs, but the rest would be subject to forfeiture. A factor not addressed in the statute is the time period for determining reasonably anticipated future needs once a planning horizon set by the Director has expired. This uncertainty would be best addressed by the Director at the time of licensing or at the resetting of an appropriate planning horizon through an exercise of authority retained in a reopener condition. Following expiration of the planning horizon for a RAFN water right, the Director could proceed to determine the portion of the right not needed to meet the reasonably anticipated future needs of the municipal provider and determine that portion of the right lost through statutory forfeiture in accordance with the provisions of Idaho Code § 42-222 and § 42-223(2).

With respect to Question No. 2, it is my conclusion that adding a reopener condition to a municipal RAFN water right for the purpose of reviewing and potentially extending or reducing the length of the planning horizon associated with the right, based on change in the reasonably anticipated future needs of the municipal provider, would fall within the discretionary authority of the Director of IDWR. The proposed reopener condition would serve as an appropriate vehicle to provide the Director with the flexibility to periodically review and adjust the planning horizon in accordance with the changing needs of the municipal provider in a manner consistent with the legislative directive contained in Idaho Code § 42-202B(7) and without violating the prohibitions contained in Idaho Code § 42-223(2) because any downward adjustment of the quantity element would occur after the planning horizon has expired.

Respectfully Submitted,

  
Phillip J. Rassier

## Christopher H Meyer

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**From:** Phil Rassier <PJEM76@msn.com>  
**Sent:** Tuesday, April 11, 2017 9:14 AM  
**To:** Christopher H Meyer  
**Subject:** Re: Clarification question regarding Rassier Memo on RAFN reopener [IWOV-GPDMS.FID508386]

Chris,

Thank you for your email. It's nice to hear from you. Edith and I are both doing fine. We have been having some beautiful spring weather and are enjoying occasional drives through the countryside allowing us to see the lush greening of the fields. We have been following the reports of the rising flows in the Boise River and hope that Mother Nature, though generous, is also kind.

As requested, I have reviewed my June 5, 2015 RAFN Reopener Memo. You are correct in your understanding that the conclusions in the memo are intended to apply to the IMAP. The analysis as presented in the Memo is intended to support the conclusion that the discretionary authority of the Director to include a condition allowing for the extension or shortening of the RAFN planning horizon applies equally to changes of rights, or amendments of permits, as it does to new licenses.

Well apparently the Memo could be clearer on this point, the analysis in the first full paragraph at the top of page 3 addressing Question No. 1 is intended to support the conclusion that the conditioning authority contained in 42-219(1) of the licensing statute equally applies in proceedings for the modification of existing rights. The 1993 *Hardy v. Higginson* case is cited as supporting authority for this conclusion. In reference to the modification of existing rights the analysis specifically refers only to the transfer statute, 42-222(1), and not to the permit amendment statute, 42-111. I do not recall if this was intentional or oversight. However, given that an amended permit must still go through licensing subject to 42-219(1) it does not appear significant.

The Memo in the third full paragraph at the middle of page 5 makes the above-referenced analysis under Question No. 1 applicable to the analysis of Question No. 2. Thus, it is correct for you to conclude that the analysis as presented in the Memo is intended to support the conclusion that the discretionary authority of the Director to include a condition allowing for the extension or shortening of the RAFN planning horizon applies equally to changes of rights, or amendments of permits, as it does to new licenses.

Best regards,

Phil

**From:** Christopher H Meyer <ChrisMeyer@givenspursley.com>  
**Sent:** Sunday, April 9, 2017 11:27 PM  
**To:** Phillip J. Rassier (Pjem76@msn.com)  
**Subject:** Clarification question regarding Rassier Memo on RAFN reopener [IWOV-GPDMS.FID508386]

Phil,

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Greetings from Boise. I hope all is well with you and Edith.

We are once again gearing up to move forward with the IMAP.

Accordingly, I have been preparing an IMAP update report to IDWR and the parties.

This will include a section summarizing your 6-5-2015 Memorandum Report on the reopener issue (copy attached).

In reviewing your Memorandum, I discovered something that is unclear to me.

As you note, RAFN rights may be created either through appropriation of new rights or modification of existing rights (or permits).

All three statutory provisions—42-219(1) (licensing), 42-222(1) (changes to rights) and 42-211 (amendment of permits)—contain authority for the Director to impose conditions, though the language is not identical.

The IMAP, of course, deals with modification of existing rights. So it is subject to the conditioning language in 42-222(1) and 42-211, as opposed to 42-219(1).

The second part of your memorandum (Question No. 2) concludes that the Director has discretionary authority to include a condition addressing future adjustment of the duration of the planning horizon under the authority of 42-219(1) (dealing with licensing). But you do not mention 42-222(1) or 42-211.

I have always understood from our prior discussions that you had intended your conclusion to apply to the IMAP. Indeed, I see nothing in your analysis that would lead me to believe that the authority to include a condition allowing the extension or shortening of the planning horizon would not apply equally to changes of rights or amendments of permits.

Is that your view?

-Chris

CHRISTOPHER H. MEYER

GIVENS PURSLEY LLP

601 W Bannock St, Boise, ID 83702 / PO Box 2720, Boise, ID 83701

direct 208-388-1236 / cell 208-407-2792 / assistant 208-388-1227 (Lisa Hughes)

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CONFIDENTIALITY NOTICE: This communication is confidential and may contain privileged information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

**Exhibit 10 RESUME OF PHILLIP J. RASSIER**



## **Phillip J. Rassier, J.D., Idaho Water Engineering LLC**

### **Biographical Resume -- July 11, 2016**

Phillip J. Rassier holds a B.S. degree in Psychology from the University of Idaho received in 1970; and a J.D. degree from the University of Idaho College of Law, received in 1975. From 1976 to 2010, Mr. Rassier was employed by the Office of the Idaho Attorney General in its Natural Resources Division. He represented the Idaho Department of Water Resources throughout most of his career as an Idaho Deputy Attorney General. He served as Chief of the Water Resources Section in the Natural Resources Division of the Office of Attorney General for approximately twenty-five years before his retirement from that Office in 2010. Thereafter, from 2010 to the present he has served as a project advisor for Idaho Water Engineering LLC, Boise, Idaho.

In his capacity as the lead deputy attorney general at the Idaho Department of Water Resources Mr. Rassier was responsible for a nine-person legal staff and advised the director, administrators and staff on a broad range of water administration and water rights issues. He also provided legal counsel to the Idaho Water Resource Board on a wide variety of matters. He represented the Department, including six different Department directors, in judicial proceedings before the Idaho courts and successfully represented the agency in numerous landmark water right cases before the Idaho Supreme Court. Throughout his legal career he drafted and reviewed a great number of legislative bills and resolutions concerning a full spectrum of issues related to water resources planning and water rights acquisition, management and administration. For most of his legal career Mr. Rassier was an active member of the Water Resources Committee of the American Bar Association, serving for many years as Vice Chair and Editor of the ABA Water Resources Committee's Annual Report which surveys current developments in water resource law throughout the nation.

In his current capacity as a project advisor for Idaho Water Engineering, LLC, Mr. Rassier was asked by Christopher H. Meyer, Givens Pursley, LLC, attorney for Suez Water Idaho Inc., to provide an opinion on the authority of the Director of the Idaho Department of Water Resources to approve a 50-year RAFN water right projection with a reopener condition. Mr. Rassier's conclusions as to the use of a reopener condition on a RAFN water right are set out in the Memorandum, dated June 5, 2015, from Mr. Rassier to Mr. Meyer. The Memorandum is reproduced as an appendix to the *Master Water Plan for the Years 2015 to 2065* adopted in 2016 by Suez Water Idaho Inc.

Mr. Rassier is currently a member of the Idaho State Bar on inactive status, presently residing in France. He may be contacted through Idaho Water Engineering, LLC, 2918 N. El Rancho Place, Boise ID 83704. Telephone: (208) 378-1513. [www.idahowaterengineering.com](http://www.idahowaterengineering.com) [info@idahowaterengineering.com](mailto:info@idahowaterengineering.com).



**Appendix A      SUPPORTING DATA SPREADSHEETS FOR CHURCH FORECAST**

Note: A Compact Disk containing an electronic version of Prof. Church's supporting data spreadsheets is also available for reference.

**Suez Water Idaho Inc.**

# **Appendix A**

**To**

## **Master Water Plan For the Years 2015 to 2065**

**September 23, 2016**

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|                     |                      |   |
|---------------------|----------------------|---|
| 1. Table A1:        | Pages A-1 to A-8     | Annual Summary of Water Demand Forecasts for the Years 2012 to 2065   |
| 2. Table A2         | Pages A-9 to A-58    | Water Demand Forecasts for the Years 2012 to 2065 – Forecasted Monthly Values   |
| 3. Table A3         | Pages A-59 to A-64   | Water Demand Forecasts for the Years 2012 to 2065 – Annual Values of Exogenous Variables  |
| 4. Table A4         | Pages A-65 to A-111  | Water Demand Forecasts for the Years 2012 to 2065 – Monthly Values of Exogenous and Binary Variables  |
| 5. Table A5         | Pages A-112 to A-141 | Water Demand Forecasts for the Years 2012 to 2065 – COMPASS Forecast of Ada County Population and Households by TAZ in 5 Year Increments for the Years 2010 to 2040                   |
| 6. Table A6         | Pages A-142 to A-171 | Water Demand Forecasts for the Years 2012 to 2065 –Forecasted Population and Households within Suez’s Planning Area by TAZ in 5 Year Increments for the Years 2010 to 2040            |
| 7. Table A7         | Pages A-172 to A-174 | Comparison of Residential Water Use per Customer with a Second Source for NPI Water Used for Household Irrigation   |
| 8. Tables A8(a)-(d) | Pages A-176 to A-185 | Detailed Regression Analysis Information for Statistical Regressions Utilized to Forecast Suez’s Water Demand and Customer Growth for the Residential and Commercial Customer Classes |

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**Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**

**Master Water Plan 2015-2065**

**Table A1**  
**Annual Summary of Water Demand Forecasts**  
**for the Years 2012 to 2065**

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**Appendix A - Table A1**  
**Suez: Annual Figures for Monthly Water Demand Forecast 2012 to 2065**

| <b>Annual Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|--|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Year</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| 1984   | 35,446                            | 5,511,778                                   | 207.87   | 155.50   | 3,735                            | 2,489,622                                  | 891.07  | 666.57  |
| 1985   | 35,915                            | 6,076,116                                   | 226.16   | 169.18   | 3,844                            | 2,656,201                                  | 923.73  | 691.00  |
| 1986   | 36,605                            | 6,439,869                                   | 235.18   | 175.93   | 3,953                            | 2,867,338                                  | 969.66  | 725.36  |
| 1987   | 37,601                            | 7,192,233                                   | 255.70   | 191.28   | 4,062                            | 3,213,223                                  | 1,057.48  | 791.04  |
| 1988   | 38,078                            | 7,011,699                                   | 246.16   | 184.14   | 4,171                            | 3,286,839                                  | 1,053.43  | 788.02  |
| 1989   | 38,143                            | 6,707,747                                   | 235.09   | 175.86   | 5,199                            | 3,577,822                                  | 919.96  | 688.18  |
| 1990   | 40,064                            | 6,768,503                                   | 225.84   | 168.94   | 5,519                            | 3,995,497                                  | 967.79  | 723.95  |
| 1991   | 41,356                            | 7,083,591                                   | 228.97   | 171.28   | 5,647                            | 4,044,957                                  | 957.50  | 716.26  |
| 1992   | 42,189                            | 7,641,871                                   | 242.14   | 181.13   | 5,820                            | 4,056,361                                  | 931.75  | 697.00  |
| 1993   | 43,785                            | 6,875,688                                   | 209.92   | 157.03   | 6,050                            | 3,752,622                                  | 829.13  | 620.23  |
| 1994   | 45,440                            | 8,408,274                                   | 247.37   | 185.04   | 6,359                            | 4,439,525                                  | 933.24  | 698.11  |
| 1995   | 46,713                            | 7,262,632                                   | 207.84   | 155.47   | 6,591                            | 4,361,171                                  | 884.53  | 661.67  |
| 1996   | 47,699                            | 7,809,568                                   | 218.87   | 163.73   | 6,724                            | 4,780,034                                  | 950.36  | 710.92  |
| 1997   | 49,463                            | 7,934,999                                   | 214.46   | 160.42   | 6,840                            | 4,791,677                                  | 936.55  | 700.59  |
| 1998   | 50,709                            | 7,774,576                                   | 204.96   | 153.32   | 7,006                            | 4,798,354                                  | 915.61  | 684.92  |
| 1999   | 56,088                            | 9,535,471                                   | 227.27   | 170.01   | 7,357                            | 5,212,864                                  | 947.18  | 708.53  |
| 2000   | 59,047                            | 9,618,433                                   | 217.76   | 162.90   | 7,487                            | 5,300,105                                  | 946.32  | 707.89  |
| 2001   | 60,962                            | 9,601,791                                   | 210.55   | 157.50   | 7,566                            | 5,372,371                                  | 949.27  | 710.10  |
| 2002   | 62,400                            | 9,795,025                                   | 209.84   | 156.97   | 7,744                            | 5,058,394                                  | 873.26  | 653.24  |
| 2003   | 63,996                            | 9,751,328                                   | 203.70   | 152.37   | 7,916                            | 5,021,788                                  | 848.04  | 634.38  |
| 2004   | 66,052                            | 9,562,757                                   | 193.54   | 144.78   | 7,988                            | 5,086,842                                  | 851.27  | 636.79  |
| 2005   | 68,260                            | 9,043,730                                   | 177.11   | 132.49   | 8,100                            | 4,840,969                                  | 798.99  | 597.69  |
| 2006   | 70,845                            | 9,601,736                                   | 181.18   | 135.53   | 8,271                            | 5,173,057                                  | 836.13  | 625.47  |
| 2007   | 72,539                            | 10,058,044                                  | 185.36   | 138.66   | 8,527                            | 5,431,205                                  | 851.44  | 636.92  |
| 2008   | 73,193                            | 9,494,550                                   | 173.41   | 129.72   | 8,803                            | 5,142,718                                  | 780.94  | 584.18  |
| 2009   | 73,337                            | 8,984,757                                   | 163.78   | 122.51   | 8,862                            | 4,803,622                                  | 724.59  | 542.03  |
| 2010   | 73,755                            | 8,570,647                                   | 155.34   | 116.20   | 8,892                            | 4,546,035                                  | 683.42  | 511.23  |
| 2011   | 74,301                            | 8,489,186                                   | 152.74   | 114.25   | 8,809                            | 4,559,578                                  | 691.92  | 517.59  |
| 2012   | 75,085                            | 9,049,219                                   | 161.11   | 120.52   | 8,407                            | 5,164,480                                  | 821.16  | 614.27  |
| 2013   | 76,773                            | 9,484,103                                   | 165.14   | 123.53   | 8,621                            | 5,329,170                                  | 826.33  | 618.14  |
| 2014   | 78,389                            | 9,608,706                                   | 163.86   | 122.58   | 8,835                            | 5,447,195                                  | 824.20  | 616.55  |
| 2015   | 79,976                            | 9,779,315                                   | 163.46   | 122.28   | 9,045                            | 5,578,620                                  | 824.46  | 616.74  |
| 2016   | 81,510                            | 10,079,409                                  | 165.31   | 123.66   | 9,254                            | 5,732,971                                  | 828.21  | 619.55  |
| 2017   | 83,003                            | 10,380,302                                  | 167.18   | 125.06   | 9,460                            | 5,888,121                                  | 832.04  | 622.41  |
| 2018   | 84,456                            | 10,428,401                                  | 165.07   | 123.48   | 9,665                            | 5,975,839                                  | 826.58  | 618.33  |
| 2019   | 85,874                            | 10,563,807                                  | 164.45   | 123.02   | 9,868                            | 6,089,055                                  | 824.90  | 617.06  |
| 2020   | 87,334                            | 10,884,817                                  | 166.61   | 124.63   | 10,069                           | 6,246,731                                  | 829.35  | 620.40  |
| 2021   | 88,853                            | 11,217,898                                  | 168.78   | 126.25   | 10,269                           | 6,405,162                                  | 833.80  | 623.72  |
| 2022   | 90,387                            | 11,231,081                                  | 166.11   | 124.26   | 10,471                           | 6,479,917                                  | 827.29  | 618.86  |
| 2023   | 91,911                            | 11,270,646                                  | 163.93   | 122.63   | 10,672                           | 6,292,250                                  | 788.17  | 589.59  |
| 2024   | 93,442                            | 11,524,885                                  | 164.88   | 123.34   | 10,874                           | 6,748,690                                  | 829.68  | 620.64  |

Historic Data

Forecast

**Appendix A - Table A1**  
**Suez: Annual Figures for Monthly Water Demand Forecast 2012 to 2065**

| <b>Annual Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|--|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Year</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales<br/>(1,000 Gal.)</b> | <b>Residential Use per Customer<br/>(100 Cu. Ft)</b> | <b>Residential Use per Customer<br/>(1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales<br/>(1,000 Gal.)</b> | <b>Commercial Use per Customer<br/>(100 Cu. Ft)</b> | <b>Commercial Use per Customer<br/>(1,000 Gal.)</b> |
| 2025   | 94,985                            | 11,776,242                                      | 165.74   | 123.98   | 11,076                           | 6,910,934                                      | 834.14  | 623.98  |
| 2026   | 96,573                            | 11,677,940                                      | 161.65   | 120.92   | 11,277                           | 6,979,604                                      | 827.36  | 618.91  |
| 2027   | 98,236                            | 11,711,517                                      | 159.37   | 119.22   | 11,481                           | 7,083,678                                      | 824.82  | 617.00  |
| 2028   | 99,915                            | 11,977,275                                      | 160.25   | 119.87   | 11,684                           | 7,248,792                                      | 829.33  | 620.38  |
| 2029   | 101,643                           | 12,249,262                                      | 161.10   | 120.51   | 11,889                           | 7,415,320                                      | 833.76  | 623.69  |
| 2030   | 103,488                           | 12,162,064                                      | 157.10   | 117.52   | 12,096                           | 7,484,326                                      | 827.17  | 618.77  |
| 2031   | 105,379                           | 12,210,025                                      | 154.89   | 115.87   | 12,296                           | 7,586,357                                      | 824.77  | 616.97  |
| 2032   | 107,288                           | 12,505,123                                      | 155.81   | 116.56   | 12,499                           | 7,408,503                                      | 792.33  | 592.71  |
| 2033   | 109,228                           | 12,804,780                                      | 156.71   | 117.23   | 12,704                           | 7,925,224                                      | 833.96  | 623.84  |
| 2034   | 111,187                           | 12,697,731                                      | 152.67   | 114.20   | 12,909                           | 7,989,025                                      | 827.29  | 618.86  |
| 2035   | 113,168                           | 12,739,368                                      | 150.49   | 112.57   | 13,116                           | 8,094,283                                      | 824.99  | 617.13  |
| 2036   | 115,180                           | 13,049,839                                      | 151.46   | 113.30   | 13,322                           | 8,268,288                                      | 829.71  | 620.66  |
| 2037   | 117,236                           | 13,363,191                                      | 152.38   | 113.99   | 13,525                           | 8,441,084                                      | 834.30  | 624.10  |
| 2038   | 119,319                           | 13,229,316                                      | 148.22   | 110.87   | 13,731                           | 8,498,397                                      | 827.39  | 618.93  |
| 2039   | 121,412                           | 13,252,640                                      | 145.92   | 109.15   | 13,940                           | 8,601,201                                      | 824.84  | 617.02  |
| 2040   | 123,486                           | 13,566,989                                      | 146.87   | 109.87   | 14,151                           | 8,781,527                                      | 829.54  | 620.54  |
| 2041   | 125,657                           | 13,900,635                                      | 147.88   | 110.62   | 14,364                           | 8,563,894                                      | 797.02  | 596.21  |
| 2042   | 127,892                           | 13,752,063                                      | 143.75   | 107.53   | 14,577                           | 9,022,705                                      | 827.46  | 618.98  |
| 2043   | 130,176                           | 13,777,881                                      | 141.49   | 105.84   | 14,790                           | 9,127,378                                      | 824.97  | 617.12  |
| 2044   | 132,513                           | 14,127,264                                      | 142.52   | 106.61   | 15,005                           | 9,314,045                                      | 829.82  | 620.75  |
| 2045   | 134,902                           | 14,481,439                                      | 143.50   | 107.35   | 15,219                           | 9,501,546                                      | 834.58  | 624.30  |
| 2046   | 137,344                           | 14,310,867                                      | 139.29   | 104.20   | 15,435                           | 9,554,829                                      | 827.54  | 619.04  |
| 2047   | 139,841                           | 14,330,071                                      | 136.99   | 102.47   | 15,651                           | 9,658,341                                      | 824.95  | 617.10  |
| 2048   | 142,393                           | 14,701,318                                      | 138.02   | 103.24   | 15,868                           | 9,849,616                                      | 829.80  | 620.73  |
| 2049   | 145,002                           | 15,077,551                                      | 139.00   | 103.98   | 16,083                           | 10,040,497                                     | 834.55  | 624.28  |
| 2050   | 147,668                           | 15,130,176                                      | 136.97   | 102.46   | 16,299                           | 9,693,793                                      | 795.06  | 594.75  |
| 2051   | 150,393                           | 15,302,546                                      | 136.02   | 101.75   | 16,515                           | 10,289,779                                     | 832.89  | 623.04  |
| 2052   | 153,177                           | 15,695,488                                      | 136.98   | 102.47   | 16,732                           | 10,483,722                                     | 837.58  | 626.55  |
| 2053   | 156,022                           | 16,093,662                                      | 137.89   | 103.15   | 16,950                           | 10,678,381                                     | 842.17  | 629.99  |
| 2054   | 158,940                           | 16,156,741                                      | 135.89   | 101.65   | 17,169                           | 10,789,998                                     | 840.15  | 628.48  |
| 2055   | 161,998                           | 16,352,984                                      | 134.95   | 100.95   | 17,388                           | 10,933,104                                     | 840.57  | 628.79  |
| 2056   | 165,138                           | 16,779,469                                      | 135.83   | 101.61   | 17,607                           | 11,130,982                                     | 845.10  | 632.18  |
| 2057   | 168,347                           | 17,211,943                                      | 136.68   | 102.24   | 17,828                           | 11,329,552                                     | 849.54  | 635.50  |
| 2058   | 171,626                           | 17,293,768                                      | 134.70   | 100.76   | 18,049                           | 11,443,746                                     | 847.59  | 634.04  |
| 2059   | 174,977                           | 17,505,621                                      | 133.74   | 100.05   | 18,271                           | 11,589,946                                     | 848.00  | 634.34  |
| 2060   | 178,401                           | 17,957,323                                      | 134.56   | 100.66   | 18,493                           | 11,791,760                                     | 852.38  | 637.62  |
| 2061   | 181,898                           | 18,415,271                                      | 135.34   | 101.24   | 18,717                           | 11,994,251                                     | 856.67  | 640.83  |
| 2062   | 185,472                           | 18,507,049                                      | 125.76   | 99.78  | 18,941                           | 12,111,168                                     | 854.78  | 639.42  |
| 2063   | 189,122                           | 18,734,507                                      | 126.41   | 99.06  | 19,166                           | 12,260,563                                     | 855.17  | 639.71  |
| 2064   | 192,850                           | 19,212,378                                      | 127.02   | 99.62  | 19,391                           | 12,466,334                                     | 859.40  | 642.88  |
| 2065   | 196,658                           | 19,696,742                                      | 127.59   | 100.16   | 19,618                           | 12,672,707                                     | 863.55  | 645.98  |

Forecast

**Appendix A - Table A1**  
**Suez: Annual Figures for Monthly Water Demand Forecast 2012 to 2065**

| <b>Annual Number of Customers and Water Sales Statistics</b> |                                   |   |   |  |   |                             |   |
|--|-----------------------------------|---|---|--|---|-----------------------------|---|
| <b>Year</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales<br/>(100 Cu. Ft.)</b> | <b>Actual Public Authority Water Sales<br/>(1,000 Gal.)</b> | <b>Other Water Sales<br/>(100 Cu. Ft.)</b> | <b>Other Water Sales<br/>(1,000 Gal.)</b> | <b>Suez Total Customers</b> | <b>Total Water Sales<br/>(1,000 Gal.)</b> |
| 1984   | 65                                |   |   |  |   | 39,246                      | 8,001,399                                 |
| 1985   | 65                                |   |   |  |   | 39,824                      | 8,732,317                                 |
| 1986   | 67                                |   |   |  |   | 40,625                      | 9,307,207                                 |
| 1987   | 79                                |   |   |  |   | 41,742                      | 10,405,456                                |
| 1988   | 78                                | 41,475  | 31,025  |  |   | 42,327                      | 10,329,563                                |
| 1989   | 66                                | 49,500  | 37,028  |  |   | 43,408                      | 10,322,598                                |
| 1990   | 71                                | 54,559  | 40,813  |  |   | 45,654                      | 10,804,813                                |
| 1991   | 93                                | 71,431  | 53,434  |  |   | 47,097                      | 11,181,981                                |
| 1992   | 72                                | 86,389  | 64,623  |  |   | 48,689                      | 11,762,855                                |
| 1993   | 75                                | 69,416  | 51,926  |  |   | 50,556                      | 10,680,236                                |
| 1994   | 134                               | 116,327   | 87,019  |  |   | 52,573                      | 12,934,818                                |
| 1995   | 95                                | 65,682  | 49,133  |  |   | 54,140                      | 11,672,937                                |
| 1996   | 78                                | 91,384  | 68,360  |  |   | 55,297                      | 12,657,962                                |
| 1997   | 78                                | 73,436  | 54,934  | 50,365                                     | 37,676                                    | 57,228                      | 12,872,752                                |
| 1998   | 88                                | 61,843  | 46,262  | 27,466                                     | 20,546                                    | 58,762                      | 12,717,585                                |
| 1999   | 97                                | 97,955  | 73,275  | 62,137                                     | 46,482                                    | 64,581                      | 14,875,958                                |
| 2000   | 103                               | 123,677   | 92,517  | 54,286                                     | 40,608                                    | 67,749                      | 14,929,795                                |
| 2001   | 103                               | 130,771   | 97,824  | 53,354                                     | 39,912                                    | 69,768                      | 15,183,281                                |
| 2002   | 112                               | 134,648   | 100,724   | 80,901                                     | 60,518                                    | 71,476                      | 15,020,503                                |
| 2003   | 126                               | 117,096   | 87,594  | 50,217                                     | 37,565                                    | 73,261                      | 14,838,669                                |
| 2004   | 125                               | 115,232   | 86,200  | 38,295                                     | 28,646                                    | 75,359                      | 14,750,502                                |
| 2005   | 124                               | 97,879  | 73,219  | 42,459                                     | 31,761                                    | 77,829                      | 14,004,331                                |
| 2006   | 126                               | 97,939  | 73,264  | 61,254                                     | 45,821                                    | 80,656                      | 14,888,669                                |
| 2007   | 127                               | 119,067   | 89,069  | 106,336                                    | 79,544                                    | 82,670                      | 15,584,124                                |
| 2008   | 131                               | 113,786   | 85,118  | 66,325                                     | 49,615                                    | 83,653                      | 14,759,765                                |
| 2009   | 131                               | 114,930   | 85,974  | 30,151                                     | 22,554                                    | 83,905                      | 13,905,219                                |
| 2010   | 129                               | 109,729   | 82,083  | 52,161                                     | 39,019                                    | 84,378                      | 13,214,847                                |
| 2011   | 115                               | 80,861  | 60,488  | 34,356                                     | 25,700                                    | 83,374                      | 13,183,179                                |
| 2012   | 118                               | 110,838   | 82,912  | 44,305                                     | 33,142                                    | 83,736                      | 14,329,754                                |
| 2013   | 125                               | 115,613   | 86,484  | 47,412                                     | 35,467                                    | 85,644                      | 14,935,224                                |
| 2014   | 125                               | 117,438   | 87,849  | 48,083                                     | 35,969                                    | 87,474                      | 15,179,719                                |
| 2015   | 125                               | 120,320   | 90,006  | 49,070                                     | 36,707                                    | 89,272                      | 15,484,647                                |
| 2016   | 125                               | 123,959   | 92,727  | 50,457                                     | 37,744                                    | 91,014                      | 15,942,851                                |
| 2017   | 125                               | 127,614   | 95,462  | 51,850                                     | 38,786                                    | 92,713                      | 16,402,672                                |
| 2018   | 125                               | 128,628   | 96,220  | 52,087                                     | 38,964                                    | 94,370                      | 16,539,424                                |
| 2019   | 125                               | 131,591   | 98,437  | 52,908                                     | 39,578                                    | 95,992                      | 16,790,876                                |
| 2020   | 125                               | 135,415   | 101,297   | 54,367                                     | 40,669                                    | 97,653                      | 17,273,514                                |
| 2021   | 125                               | 139,348   | 104,239   | 55,863                                     | 41,789                                    | 99,372                      | 17,769,088                                |
| 2022   | 125                               | 139,961   | 104,698   | 55,915                                     | 41,828                                    | 101,108                     | 17,857,523                                |
| 2023   | 125                               | 140,772   | 105,305   | 55,444                                     | 41,475                                    | 102,833                     | 17,709,675                                |
| 2024   | 125                               | 145,328   | 108,712   | 57,816                                     | 43,249                                    | 104,565                     | 18,425,537                                |

Historic Data

Forecast

**Appendix A - Table A1**  
**Suez: Annual Figures for Monthly Water Demand Forecast 2012 to 2065**

| <b>Annual Number of Customers and Water Sales Statistics</b> |                                   |  |   |   |   |                             |   |
|--|-----------------------------------|--|---|---|---|-----------------------------|---|
| <b>Year</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br><small>(100 Cu. Ft)</small> | <b>Actual Public Authority Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Other Water Sales</b><br><small>(100 Cu. Ft)</small> | <b>Other Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br><small>(1,000 Gal.)</small> |
| 2025   | 125                               | 148,474  | 111,066   | 59,130  | 44,232  | 106,310                     | 18,842,475  |
| 2026   | 125                               | 147,980  | 110,697   | 58,864  | 44,033  | 108,100                     | 18,812,274  |
| 2027   | 125                               | 150,244  | 112,390   | 59,422  | 44,450  | 109,967                     | 18,952,036  |
| 2028   | 125                               | 153,539  | 114,855   | 60,791  | 45,475  | 111,850                     | 19,386,397  |
| 2029   | 125                               | 156,902  | 117,371   | 62,186  | 46,518  | 113,782                     | 19,828,471  |
| 2030   | 125                               | 156,510  | 117,077   | 61,945  | 46,338  | 115,833                     | 19,809,805  |
| 2031   | 125                               | 158,947  | 118,901   | 62,548  | 46,789  | 117,925                     | 19,962,072  |
| 2032   | 125                               | 160,879  | 120,345   | 62,788  | 46,969  | 120,038                     | 20,080,939  |
| 2033   | 125                               | 166,130  | 124,273   | 65,514  | 49,008  | 122,182                     | 20,903,285  |
| 2034   | 125                               | 165,521  | 123,818   | 65,177  | 48,756  | 124,347                     | 20,859,330  |
| 2035   | 125                               | 168,057  | 125,715   | 65,782  | 49,208  | 126,533                     | 21,008,573  |
| 2036   | 125                               | 171,783  | 128,502   | 67,320  | 50,358  | 128,752                     | 21,496,988  |
| 2037   | 125                               | 175,532  | 131,307   | 68,863  | 51,513  | 131,012                     | 21,987,094  |
| 2038   | 125                               | 174,654  | 130,650   | 68,399  | 51,166  | 133,300                     | 21,909,529  |
| 2039   | 125                               | 177,181  | 132,540   | 68,949  | 51,578  | 135,602                     | 22,037,959  |
| 2040   | 125                               | 180,994  | 135,393   | 70,522  | 52,754  | 137,887                     | 22,536,663  |
| 2041   | 125                               | 183,098  | 136,966   | 70,738  | 52,915  | 140,271                     | 22,654,411  |
| 2042   | 125                               | 183,982  | 137,628   | 71,637  | 53,588  | 142,718                     | 22,965,985  |
| 2043   | 125                               | 186,677  | 139,644   | 72,214  | 54,020  | 145,217                     | 23,098,923  |
| 2044   | 125                               | 190,830  | 142,750   | 73,915  | 55,292  | 147,767                     | 23,639,352  |
| 2045   | 125                               | 195,032  | 145,893   | 75,634  | 56,578  | 150,371                     | 24,185,457  |
| 2046   | 125                               | 193,817  | 144,984   | 75,001  | 56,104  | 153,029                     | 24,066,785  |
| 2047   | 125                               | 196,621  | 147,082   | 75,566  | 56,527  | 155,742                     | 24,192,021  |
| 2048   | 125                               | 201,001  | 150,359   | 77,349  | 57,861  | 158,511                     | 24,759,154  |
| 2049   | 125                               | 205,424  | 153,668   | 79,147  | 59,206  | 161,335                     | 25,330,922  |
| 2050   | 125                               | 204,375  | 152,883   | 77,877  | 58,256  | 164,217                     | 25,035,109  |
| 2051   | 125                               | 210,121  | 157,181   | 80,596  | 60,290  | 167,159                     | 25,809,796  |
| 2052   | 125                               | 214,720  | 160,621   | 82,456  | 61,681  | 170,160                     | 26,401,512  |
| 2053   | 125                               | 219,374  | 164,103   | 84,334  | 63,086  | 173,223                     | 26,999,231  |
| 2054   | 125                               | 220,596  | 165,017   | 84,717  | 63,373  | 176,358                     | 27,175,128  |
| 2055   | 125                               | 224,491  | 167,930   | 85,903  | 64,260  | 179,635                     | 27,518,279  |
| 2056   | 125                               | 229,425  | 171,621   | 87,879  | 65,738  | 182,995                     | 28,147,810  |
| 2057   | 125                               | 234,421  | 175,359   | 89,876  | 67,232  | 186,425                     | 28,784,085  |
| 2058   | 125                               | 235,847  | 176,426   | 90,318  | 67,562  | 189,925                     | 28,981,502  |
| 2059   | 125                               | 239,968  | 179,508   | 91,565  | 68,495  | 193,498                     | 29,343,571  |
| 2060   | 125                               | 245,168  | 183,398   | 93,631  | 70,041  | 197,144                     | 30,002,522  |
| 2061   | 125                               | 250,432  | 187,336   | 95,719  | 71,603  | 200,865                     | 30,668,461  |
| 2062   | 125                               | 251,991  | 188,502   | 96,192  | 71,957  | 204,663                     | 30,878,675  |
| 2063   | 125                               | 256,347  | 191,761   | 97,501  | 72,936  | 208,537                     | 31,259,766  |
| 2064   | 125                               | 261,824  | 195,858   | 99,661  | 74,551  | 212,491                     | 31,949,121  |
| 2065   | 125                               | 267,369  | 200,005   | 101,842   | 76,183  | 216,526                     | 32,645,637  |

Forecast

**Appendix A - Table A1**  
**Suez: Annual Figures for Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <u>Year</u>   | <u>Total Water Production</u><br><small>(1,000 Gal.)</small> | <u>Estimated Company Water Use</u><br><small>(1,000 Gal.)</small> | <u>Estimated Hydrant Water Use</u><br><small>(1,000 Gal.)</small> | <u>Estimated System Water Losses</u><br><small>(1,000 Gal.)</small> | <u>Annual Gallons of Water Produced</u><br><small>(1,000 Gal.)</small> | <u>Peak Day: Gallons of Water Produced</u><br><small>(1,000 Gal.)</small> |
| 1984  |  |   |   |   |  |   |
| 1985  |  |   |   |   |  |   |
| 1986  |  |   |   |   |  |   |
| 1987  |  |   |   |   |  |   |
| 1988  |  |   |   |   |  |   |
| 1989  |  |   |   |   |  |   |
| 1990  |  |   |   |   |  |   |
| 1991  |  |   |   |   |  |   |
| 1992  |  |   |   |   |  |   |
| 1993  |  |   |   |   |  |   |
| 1994  |  |   |   |   |  |   |
| 1995  | 12,731,463   | 17,067  | 4,791   | 678,609   | 12,731,463   | 76,694  |
| 1996  | 13,532,394   | 18,310  | 5,115   | 743,831   | 13,532,394   | 83,424  |
| 1997  | 13,834,498   | 19,053  | 4,998   | 759,841   | 13,834,498   | 77,928  |
| 1998  | 13,389,610   | 17,948  | 5,138   | 709,328   | 13,389,610   | 83,535  |
| 1999  | 15,756,279   | 21,655  | 5,973   | 867,443   | 15,756,279   | 98,626  |
| 2000  | 16,074,743   | 22,257  | 6,017   | 901,313   | 16,074,743   | 100,044   |
| 2001  | 15,959,485   | 22,239  | 5,841   | 878,580   | 15,959,485   | 91,352  |
| 2002  | 15,868,035   | 22,283  | 5,913   | 895,236   | 15,868,035   | 96,838  |
| 2003  | 15,709,837   | 21,376  | 6,041   | 862,586   | 15,709,837   | 99,253  |
| 2004  | 15,544,510   | 20,891  | 5,616   | 861,415   | 15,544,510   | 90,035  |
| 2005  | 14,779,407   | 20,037  | 5,711   | 784,902   | 14,779,407   | 94,149  |
| 2006  | 15,684,511   | 21,848  | 5,906   | 863,313   | 15,684,511   | 96,348  |
| 2007  | 16,281,383   | 59,828  | 5,907   | 922,743   | 16,281,383   | 97,591  |
| 2008  | 15,455,210   | 86,496  | 5,719   | 859,438   | 15,455,210   | 94,051  |
| 2009  | 14,631,451   | 100,758   | 5,303   | 805,208   | 14,631,451   | 89,294  |
| 2010  | 13,993,944   | 110,337   | 4,845   | 746,178   | 13,993,944   | 87,311  |
| 2011  | 13,535,874   | 77,281  | 4,791   | 707,788   | 13,535,874   | 85,502  |
| 2012  | 14,988,779   | 49,837  | 5,763   | 792,574   | 14,988,779   | 85,467  |
| 2013  | 15,677,229   | 52,655  | 5,889   | 827,048   | 15,677,229   | 90,689  |
| 2014  | 15,945,979   | 53,868  | 5,922   | 840,126   | 15,945,979   | 92,746  |
| 2015  | 16,224,222   | 54,140  | 6,018   | 851,121   | 16,224,222   | 95,700  |
| 2016  | 16,707,278   | 55,740  | 6,126   | 874,997   | 16,707,278   | 99,398  |
| 2017  | 17,191,491   | 57,341  | 6,234   | 898,855   | 17,191,491   | 103,135   |
| 2018  | 17,352,383   | 58,403  | 6,210   | 904,657   | 17,352,383   | 105,246   |
| 2019  | 17,530,264   | 57,720  | 6,293   | 906,206   | 17,530,264   | 109,064   |
| 2020  | 18,040,720   | 59,427  | 6,406   | 931,482   | 18,040,720   | 112,989   |
| 2021  | 18,564,981   | 61,178  | 6,521   | 957,411   | 18,564,981   | 117,042   |
| 2022  | 18,678,370   | 62,192  | 6,476   | 960,392   | 18,678,370   | 118,980   |
| 2023  | 18,446,741   | 59,785  | 6,499   | 940,167   | 18,446,741   | 121,440   |
| 2024  | 19,193,606   | 62,591  | 6,677   | 981,876   | 19,193,606   | 123,918   |

Historic Data

Forecast

**Appendix A - Table A1**  
**Suez: Annual Figures for Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Year</b>   | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Annual Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| 2025  | 19,645,029   | 64,212  | 6,793   | 1,006,606   | 19,645,029   | 126,390   |
| 2026  | 19,644,414   | 65,014  | 6,739   | 1,006,123   | 19,644,414   | 126,504   |
| 2027  | 19,684,676   | 63,550  | 6,823   | 1,000,743   | 19,684,676   | 129,111   |
| 2028  | 20,154,133   | 65,224  | 6,945   | 1,026,366   | 20,154,133   | 131,719   |
| 2029  | 20,630,661   | 66,915  | 7,067   | 1,052,280   | 20,630,661   | 134,386   |
| 2030  | 20,643,032   | 67,787  | 7,016   | 1,052,328   | 20,643,032   | 134,645   |
| 2031  | 20,690,029   | 66,251  | 7,105   | 1,046,808   | 20,690,029   | 137,454   |
| 2032  | 20,850,703   | 66,661  | 7,165   | 1,054,524   | 20,850,703   | 140,300   |
| 2033  | 21,705,530   | 69,845  | 7,365   | 1,102,016   | 21,705,530   | 143,187   |
| 2034  | 21,693,817   | 70,711  | 7,306   | 1,100,706   | 21,693,817   | 143,326   |
| 2035  | 21,727,560   | 68,972  | 7,400   | 1,093,788   | 21,727,560   | 146,288   |
| 2036  | 22,255,139   | 70,842  | 7,535   | 1,122,505   | 22,255,139   | 149,263   |
| 2037  | 22,783,998   | 72,708  | 7,669   | 1,151,232   | 22,783,998   | 152,268   |
| 2038  | 22,739,364   | 73,537  | 7,600   | 1,148,023   | 22,739,364   | 152,269   |
| 2039  | 22,737,831   | 71,484  | 7,695   | 1,138,254   | 22,737,831   | 155,338   |
| 2040  | 23,275,274   | 73,380  | 7,832   | 1,167,428   | 23,275,274   | 158,384   |
| 2041  | 23,440,020   | 73,774  | 7,895   | 1,175,191   | 23,440,020   | 161,584   |
| 2042  | 23,781,430   | 76,234  | 7,902   | 1,194,111   | 23,781,430   | 161,541   |
| 2043  | 23,772,781   | 73,984  | 8,003   | 1,183,115   | 23,772,781   | 164,836   |
| 2044  | 24,355,542   | 76,031  | 8,151   | 1,214,706   | 24,355,542   | 168,181   |
| 2045  | 24,944,081   | 78,095  | 8,300   | 1,246,568   | 24,944,081   | 171,575   |
| 2046  | 24,861,330   | 78,947  | 8,219   | 1,241,041   | 24,861,330   | 171,459   |
| 2047  | 24,830,150   | 76,409  | 8,323   | 1,227,781   | 24,830,150   | 174,966   |
| 2048  | 25,440,723   | 78,538  | 8,478   | 1,260,750   | 25,440,723   | 178,524   |
| 2049  | 26,055,868   | 80,679  | 8,634   | 1,293,917   | 26,055,868   | 182,127   |
| 2050  | 25,804,561   | 80,255  | 8,558   | 1,277,998   | 25,804,561   | 183,582   |
| 2051  | 26,494,401   | 81,379  | 8,779   | 1,309,510   | 26,494,401   | 187,299   |
| 2052  | 27,130,019   | 83,576  | 8,940   | 1,343,660   | 27,130,019   | 191,070   |
| 2053  | 27,771,665   | 85,789  | 9,102   | 1,378,084   | 27,771,665   | 194,896   |
| 2054  | 27,986,923   | 87,234  | 9,121   | 1,388,693   | 27,986,923   | 196,507   |
| 2055  | 28,246,374   | 86,533  | 9,259   | 1,394,859   | 28,246,374   | 200,544   |
| 2056  | 28,920,288   | 88,832  | 9,428   | 1,430,798   | 28,920,288   | 204,642   |
| 2057  | 29,600,972   | 91,149  | 9,599   | 1,467,043   | 29,600,972   | 208,802   |
| 2058  | 29,838,482   | 92,667  | 9,625   | 1,478,559   | 29,838,482   | 210,663   |
| 2059  | 30,112,535   | 91,933  | 9,769   | 1,485,020   | 30,112,535   | 214,958   |
| 2060  | 30,816,293   | 94,310  | 9,946   | 1,522,345   | 30,816,293   | 219,318   |
| 2061  | 31,527,027   | 96,704  | 10,124  | 1,559,982   | 31,527,027   | 223,744   |
| 2062  | 31,777,529   | 98,269  | 10,154  | 1,571,931   | 31,777,529   | 225,786   |
| 2063  | 32,065,772   | 97,493  | 10,305  | 1,578,612   | 32,065,772   | 230,355   |
| 2064  | 32,800,200   | 99,947  | 10,488  | 1,617,341   | 32,800,200   | 234,993   |
| 2065  | 33,541,750   | 102,419   | 10,674  | 1,656,382   | 33,541,750   | 239,702   |

Forecast

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**Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**

**Master Water Plan 2015-2065**

**Table A2**  
**Water Demand Forecasts**  
**for the Years 2012 to 2065**

**Forecasted Monthly Values**

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**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jan-95  | 46,126                            | 275,303                                     | 7.98   | 5.97   | 6,382                            | 239,729                                    | 50.21   | 37.56   |
| Feb-95  | 46,252                            | 285,990                                     | 8.27   | 6.18   | 6,400                            | 227,676                                    | 47.56   | 35.57   |
| Mar-95  | 46,385                            | 245,260                                     | 7.07   | 5.29   | 6,421                            | 190,957                                    | 39.76   | 29.74   |
| Apr-95  | 46,471                            | 257,662                                     | 7.41   | 5.54   | 6,503                            | 214,927                                    | 44.18   | 33.05   |
| May-95  | 46,610                            | 317,443                                     | 9.10   | 6.81   | 6,624                            | 230,027                                    | 46.42   | 34.73   |
| Jun-95  | 46,739                            | 439,906                                     | 12.58  | 9.41   | 6,676                            | 292,293                                    | 58.53   | 43.78   |
| Jul-95  | 46,811                            | 814,808                                     | 23.27  | 17.41  | 6,699                            | 420,976                                    | 84.01   | 62.84   |
| Aug-95  | 46,928                            | 1,156,758                                   | 32.95  | 24.65  | 6,718                            | 576,584                                    | 114.73  | 85.83   |
| Sep-95  | 47,026                            | 1,212,127                                   | 34.46  | 25.78  | 6,740                            | 587,257                                    | 116.48  | 87.13   |
| Oct-95  | 47,060                            | 1,081,565                                   | 30.72  | 22.98  | 6,728                            | 595,262                                    | 118.27  | 88.48   |
| Nov-95  | 47,067                            | 750,775                                     | 21.32  | 15.95  | 6,615                            | 474,179                                    | 95.83   | 71.68   |
| Dec-95  | 47,078                            | 425,036                                     | 12.07  | 9.03   | 6,588                            | 311,303                                    | 63.17   | 47.25   |
| Jan-96  | 47,243                            | 298,338                                     | 8.44   | 6.31   | 6,544                            | 285,198                                    | 58.26   | 43.58   |
| Feb-96  | 47,264                            | 281,613                                     | 7.97   | 5.96   | 6,541                            | 220,516                                    | 45.07   | 33.71   |
| Mar-96  | 47,278                            | 269,359                                     | 7.62   | 5.70   | 6,542                            | 260,449                                    | 53.22   | 39.81   |
| Apr-96  | 47,340                            | 281,703                                     | 7.95   | 5.95   | 6,615                            | 230,096                                    | 46.50   | 34.78   |
| May-96  | 47,494                            | 323,863                                     | 9.12   | 6.82   | 6,762                            | 281,932                                    | 55.74   | 41.69   |
| Jun-96  | 47,647                            | 499,600                                     | 14.02  | 10.49  | 6,823                            | 322,872                                    | 63.26   | 47.32   |
| Jul-96  | 47,849                            | 885,931                                     | 24.75  | 18.52  | 6,844                            | 471,797                                    | 92.15   | 68.94   |
| Aug-96  | 47,888                            | 1,256,849                                   | 35.09  | 26.25  | 6,855                            | 594,965                                    | 116.03  | 86.79   |
| Sep-96  | 48,036                            | 1,411,456                                   | 39.28  | 29.38  | 6,883                            | 696,723                                    | 135.32  | 101.22  |
| Oct-96  | 47,952                            | 1,142,165                                   | 31.84  | 23.82  | 6,831                            | 613,092                                    | 119.98  | 89.75   |
| Nov-96  | 47,944                            | 731,638                                     | 20.40  | 15.26  | 6,748                            | 500,205                                    | 99.09   | 74.13   |
| Dec-96  | 48,455                            | 427,054                                     | 11.78  | 8.81   | 6,697                            | 302,188                                    | 60.32   | 45.12   |
| Jan-97  | 48,538                            | 298,740                                     | 8.23   | 6.15   | 6,678                            | 261,495                                    | 52.35   | 39.16   |
| Feb-97  | 48,612                            | 280,671                                     | 7.72   | 5.77   | 6,675                            | 238,225                                    | 47.71   | 35.69   |
| Mar-97  | 48,476                            | 287,070                                     | 7.92   | 5.92   | 6,623                            | 238,090                                    | 48.06   | 35.95   |
| Apr-97  | 49,316                            | 254,581                                     | 6.90   | 5.16   | 6,805                            | 211,892                                    | 41.63   | 31.14   |
| May-97  | 49,444                            | 433,079                                     | 11.71  | 8.76   | 6,888                            | 309,131                                    | 60.00   | 44.88   |
| Jun-97  | 49,495                            | 612,580                                     | 16.55  | 12.38  | 6,918                            | 385,502                                    | 74.49   | 55.72   |
| Jul-97  | 49,713                            | 1,040,569                                   | 27.98  | 20.93  | 6,935                            | 525,429                                    | 101.28  | 75.76   |
| Aug-97  | 49,854                            | 1,027,027                                   | 27.54  | 20.60  | 6,961                            | 566,981                                    | 108.88  | 81.45   |
| Sep-97  | 49,960                            | 1,421,322                                   | 38.03  | 28.45  | 6,973                            | 648,813                                    | 124.39  | 93.05   |
| Oct-97  | 50,105                            | 1,012,372                                   | 27.01  | 20.21  | 6,935                            | 581,988                                    | 112.19  | 83.92   |
| Nov-97  | 50,014                            | 850,046                                     | 22.72  | 17.00  | 6,884                            | 499,020                                    | 96.91   | 72.49   |
| Dec-97  | 50,028                            | 416,942                                     | 11.14  | 8.33   | 6,799                            | 325,111                                    | 63.92   | 47.82   |
| Jan-98  | 50,289                            | 340,026                                     | 9.04   | 6.76   | 6,791                            | 245,141                                    | 48.26   | 36.10   |
| Feb-98  | 50,332                            | 286,474                                     | 7.61   | 5.69   | 6,781                            | 238,259                                    | 46.97   | 35.14   |
| Mar-98  | 50,287                            | 301,410                                     | 8.01   | 5.99   | 6,816                            | 219,639                                    | 43.08   | 32.22   |
| Apr-98  | 50,371                            | 268,803                                     | 7.13   | 5.34   | 6,929                            | 231,755                                    | 44.71   | 33.45   |
| May-98  | 50,566                            | 410,834                                     | 10.86  | 8.12   | 7,085                            | 261,016                                    | 49.25   | 36.84   |
| Jun-98  | 50,486                            | 465,242                                     | 12.32  | 9.22   | 7,099                            | 363,568                                    | 68.46   | 51.21   |
| Jul-98  | 50,745                            | 772,720                                     | 20.36  | 15.23  | 7,103                            | 399,446                                    | 75.18   | 56.24   |
| Aug-98  | 50,700                            | 959,976                                     | 25.31  | 18.93  | 7,114                            | 578,241                                    | 108.66  | 81.28   |
| Sep-98  | 50,914                            | 1,542,878                                   | 40.51  | 30.30  | 7,116                            | 699,032                                    | 131.32  | 98.23   |
| Oct-98  | 50,956                            | 1,057,590                                   | 27.75  | 20.75  | 7,075                            | 683,084                                    | 129.07  | 96.55   |
| Nov-98  | 51,684                            | 854,525                                     | 22.10  | 16.53  | 7,135                            | 483,337                                    | 90.56   | 67.74   |
| Dec-98  | 51,177                            | 514,098                                     | 13.43  | 10.05  | 7,024                            | 395,836                                    | 75.34   | 56.35   |
| Jan-99  | 55,212                            | 356,996                                     | 8.64   | 6.47   | 7,161                            | 283,125                                    | 52.85   | 39.54   |
| Feb-99  | 55,231                            | 302,344                                     | 7.32   | 5.47   | 7,162                            | 259,156                                    | 48.37   | 36.18   |
| Mar-99  | 55,504                            | 297,685                                     | 7.17   | 5.36   | 7,220                            | 233,605                                    | 43.25   | 32.36   |
| Apr-99  | 55,713                            | 376,629                                     | 9.04   | 6.76   | 7,366                            | 245,392                                    | 44.53   | 33.31   |
| May-99  | 55,778                            | 412,234                                     | 9.88   | 7.39   | 7,404                            | 270,041                                    | 48.76   | 36.47   |

Historic Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-99  | 56,033                            | 1,043,502                                   | 24.90  | 18.62  | 7,428                            | 532,255                                    | 95.79   | 71.66   |
| Jul-99  | 56,140                            | 1,200,062                                   | 28.58  | 21.38  | 7,430                            | 527,389                                    | 94.89   | 70.98   |
| Aug-99  | 56,306                            | 1,792,413                                   | 42.56  | 31.83  | 7,438                            | 807,350                                    | 145.10  | 108.54  |
| Sep-99  | 56,390                            | 1,347,322                                   | 31.94  | 23.89  | 7,452                            | 642,984                                    | 115.34  | 86.28   |
| Oct-99  | 56,507                            | 1,173,116                                   | 27.75  | 20.76  | 7,453                            | 664,495                                    | 119.19  | 89.16   |
| Nov-99  | 56,607                            | 757,885                                     | 17.90  | 13.39  | 7,430                            | 400,547                                    | 72.07   | 53.91   |
| Dec-99  | 57,638                            | 475,283                                     | 11.02  | 8.25   | 7,343                            | 346,525                                    | 63.09   | 47.19   |
| Jan-00  | 58,041                            | 362,094                                     | 8.34   | 6.24   | 7,342                            | 244,280                                    | 44.48   | 33.27   |
| Feb-00  | 58,151                            | 331,680                                     | 7.62   | 5.70   | 7,334                            | 239,020                                    | 43.57   | 32.59   |
| Mar-00  | 58,365                            | 309,135                                     | 7.08   | 5.30   | 7,352                            | 235,565                                    | 42.83   | 32.04   |
| Apr-00  | 58,490                            | 344,469                                     | 7.87   | 5.89   | 7,458                            | 254,733                                    | 45.66   | 34.16   |
| May-00  | 58,672                            | 602,427                                     | 13.73  | 10.27  | 7,519                            | 343,204                                    | 61.02   | 45.64   |
| Jun-00  | 58,973                            | 964,327                                     | 21.86  | 16.35  | 7,565                            | 544,313                                    | 96.19   | 71.95   |
| Jul-00  | 59,240                            | 1,400,703                                   | 31.61  | 23.64  | 7,572                            | 576,673                                    | 101.81  | 76.16   |
| Aug-00  | 59,476                            | 1,740,236                                   | 39.11  | 29.26  | 7,581                            | 820,439                                    | 144.67  | 108.22  |
| Sep-00  | 59,620                            | 1,507,191                                   | 33.79  | 25.28  | 7,593                            | 669,365                                    | 117.85  | 88.16   |
| Oct-00  | 59,723                            | 1,129,127                                   | 25.27  | 18.91  | 7,582                            | 689,313                                    | 121.54  | 90.91   |
| Nov-00  | 59,857                            | 460,365                                     | 10.28  | 7.69   | 7,528                            | 346,340                                    | 61.50   | 46.01   |
| Dec-00  | 59,950                            | 466,679                                     | 10.41  | 7.78   | 7,420                            | 336,860                                    | 60.69   | 45.40   |
| Jan-01  | 60,126                            | 283,058                                     | 6.29   | 4.71   | 7,408                            | 211,284                                    | 38.13   | 28.52   |
| Feb-01  | 60,287                            | 404,358                                     | 8.97   | 6.71   | 7,379                            | 276,375                                    | 50.07   | 37.45   |
| Mar-01  | 60,390                            | 318,435                                     | 7.05   | 5.27   | 7,377                            | 233,923                                    | 42.39   | 31.71   |
| Apr-01  | 60,633                            | 265,308                                     | 5.85   | 4.38   | 7,517                            | 343,124                                    | 61.02   | 45.65   |
| May-01  | 60,782                            | 433,170                                     | 9.53   | 7.13   | 7,579                            | 283,855                                    | 50.07   | 37.45   |
| Jun-01  | 60,923                            | 844,351                                     | 18.53  | 13.86  | 7,623                            | 478,052                                    | 83.83   | 62.71   |
| Jul-01  | 61,034                            | 1,480,735                                   | 32.43  | 24.26  | 7,655                            | 667,247                                    | 116.52  | 87.16   |
| Aug-01  | 61,145                            | 1,486,232                                   | 32.49  | 24.31  | 7,666                            | 801,069                                    | 139.69  | 104.50  |
| Sep-01  | 61,413                            | 1,414,897                                   | 30.80  | 23.04  | 7,689                            | 565,416                                    | 98.30   | 73.54   |
| Oct-01  | 61,481                            | 1,356,717                                   | 29.50  | 22.07  | 7,713                            | 738,294                                    | 127.96  | 95.72   |
| Nov-01  | 61,617                            | 806,016                                     | 17.49  | 13.08  | 7,616                            | 431,661                                    | 75.77   | 56.68   |
| Dec-01  | 61,715                            | 508,514                                     | 11.01  | 8.24   | 7,566                            | 342,071                                    | 60.44   | 45.21   |
| Jan-02  | 61,807                            | 341,685                                     | 7.39   | 5.53   | 7,563                            | 233,243                                    | 41.23   | 30.84   |
| Feb-02  | 61,930                            | 356,755                                     | 7.70   | 5.76   | 7,540                            | 253,144                                    | 44.88   | 33.57   |
| Mar-02  | 62,046                            | 300,754                                     | 6.48   | 4.85   | 7,544                            | 206,363                                    | 36.57   | 27.35   |
| Apr-02  | 62,247                            | 353,131                                     | 7.58   | 5.67   | 7,687                            | 285,754                                    | 49.69   | 37.17   |
| May-02  | 62,312                            | 455,982                                     | 9.78   | 7.32   | 7,757                            | 218,053                                    | 37.58   | 28.11   |
| Jun-02  | 62,469                            | 959,646                                     | 20.54  | 15.36  | 7,798                            | 490,355                                    | 84.06   | 62.88   |
| Jul-02  | 62,553                            | 1,339,478                                   | 28.63  | 21.41  | 7,825                            | 575,612                                    | 98.34   | 73.56   |
| Aug-02  | 62,618                            | 1,582,848                                   | 33.79  | 25.28  | 7,833                            | 587,081                                    | 100.19  | 74.95   |
| Sep-02  | 62,630                            | 1,561,824                                   | 33.34  | 24.94  | 7,835                            | 779,785                                    | 133.05  | 99.53   |
| Oct-02  | 62,654                            | 1,225,907                                   | 26.16  | 19.57  | 7,838                            | 683,542                                    | 116.59  | 87.21   |
| Nov-02  | 62,761                            | 813,496                                     | 17.33  | 12.96  | 7,851                            | 440,521                                    | 75.01   | 56.11   |
| Dec-02  | 62,767                            | 503,519                                     | 10.72  | 8.02   | 7,852                            | 304,942                                    | 51.92   | 38.84   |
| Jan-03  | 62,865                            | 356,668                                     | 7.58   | 5.67   | 7,864                            | 253,854                                    | 43.15   | 32.28   |
| Feb-03  | 63,039                            | 372,684                                     | 7.90   | 5.91   | 7,886                            | 248,212                                    | 42.08   | 31.48   |
| Mar-03  | 63,317                            | 284,206                                     | 6.00   | 4.49   | 7,921                            | 198,036                                    | 33.42   | 25.00   |
| Apr-03  | 63,450                            | 344,960                                     | 7.27   | 5.44   | 7,937                            | 230,569                                    | 38.83   | 29.05   |
| May-03  | 63,735                            | 378,665                                     | 7.94   | 5.94   | 7,973                            | 252,822                                    | 42.39   | 31.71   |
| Jun-03  | 63,959                            | 714,256                                     | 14.93  | 11.17  | 8,001                            | 424,846                                    | 70.98   | 53.10   |
| Jul-03  | 64,265                            | 1,219,522                                   | 25.37  | 18.98  | 7,897                            | 522,906                                    | 88.52   | 66.22   |
| Aug-03  | 64,420                            | 1,720,420                                   | 35.70  | 26.71  | 7,893                            | 769,236                                    | 130.28  | 97.46   |
| Sep-03  | 64,511                            | 1,577,682                                   | 32.69  | 24.46  | 7,906                            | 685,159                                    | 115.85  | 86.66   |
| Oct-03  | 64,635                            | 1,288,751                                   | 26.65  | 19.94  | 7,902                            | 643,076                                    | 108.79  | 81.38   |
| Nov-03  | 64,805                            | 932,162                                     | 19.23  | 14.38  | 7,907                            | 468,539                                    | 79.21   | 59.26   |

Historic Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

**Monthly Number of Customers and Water Sales Statistics**

| Month  | Suez Residential Customers | Residential Water Sales<br>(1,000 Gal.) | Residential Use per Customer<br>(100 Cu. Ft) | Residential Use per Customer<br>(1,000 Gal.) | Suez Commercial Customers | Commercial Water Sales<br>(1,000 Gal.) | Commercial Use per Customer<br>(100 Cu. Ft) | Commercial Use per Customer<br>(1,000 Gal.) |
|--------|----------------------------|---|--|--|---------------------------|--|---|---|
|        | Dec-03                     | 64,948                                  | 561,352                                      | 11.55  | 8.64                      | 7,906                                  | 324,533                                     | 54.87                                       |
| Jan-04 | 65,107                     | 338,250                                 | 6.95   | 5.20   | 7,908                     | 219,842                                | 37.16                                       | 27.80                                       |
| Feb-04 | 65,215                     | 378,795                                 | 7.76   | 5.81   | 7,917                     | 224,218                                | 37.86                                       | 28.32                                       |
| Mar-04 | 65,445                     | 307,865                                 | 6.29   | 4.70   | 7,932                     | 208,084                                | 35.07                                       | 26.23                                       |
| Apr-04 | 65,650                     | 427,277                                 | 8.70   | 6.51   | 7,960                     | 259,575                                | 43.59                                       | 32.61                                       |
| May-04 | 65,789                     | 594,104                                 | 12.07  | 9.03   | 7,967                     | 326,915                                | 54.85                                       | 41.03                                       |
| Jun-04 | 65,892                     | 865,455                                 | 17.56  | 13.13  | 7,982                     | 484,529                                | 81.15                                       | 60.70                                       |
| Jul-04 | 66,106                     | 1,091,744                               | 22.08  | 16.52  | 7,976                     | 529,748                                | 88.79                                       | 66.42                                       |
| Aug-04 | 66,307                     | 1,511,884                               | 30.48  | 22.80  | 7,987                     | 784,641                                | 131.33                                      | 98.24                                       |
| Sep-04 | 66,496                     | 1,506,684                               | 30.29  | 22.66  | 8,025                     | 665,079                                | 110.79                                      | 82.88                                       |
| Oct-04 | 66,751                     | 1,204,090                               | 24.11  | 18.04  | 8,044                     | 631,983                                | 105.03                                      | 78.57                                       |
| Nov-04 | 66,892                     | 814,769                                 | 16.28  | 12.18  | 8,063                     | 420,495                                | 69.72                                       | 52.15                                       |
| Dec-04 | 66,971                     | 521,840                                 | 10.42  | 7.79   | 8,098                     | 331,733                                | 54.76                                       | 40.96                                       |
| Jan-05 | 67,119                     | 324,118                                 | 6.46   | 4.83   | 8,052                     | 218,553                                | 36.28                                       | 27.14                                       |
| Feb-05 | 67,289                     | 367,109                                 | 7.29   | 5.46   | 8,051                     | 227,859                                | 37.83                                       | 28.30                                       |
| Mar-05 | 67,516                     | 296,122                                 | 5.86   | 4.39   | 8,055                     | 202,848                                | 33.66                                       | 25.18                                       |
| Apr-05 | 67,700                     | 385,877                                 | 7.62   | 5.70   | 8,062                     | 246,184                                | 40.82                                       | 30.54                                       |
| May-05 | 67,992                     | 411,965                                 | 8.10   | 6.06   | 8,074                     | 284,607                                | 47.12                                       | 35.25                                       |
| Jun-05 | 68,204                     | 610,568                                 | 11.97  | 8.95   | 8,093                     | 375,224                                | 61.98                                       | 46.36                                       |
| Jul-05 | 68,413                     | 906,945                                 | 17.72  | 13.26  | 8,120                     | 446,589                                | 73.52                                       | 55.00                                       |
| Aug-05 | 68,643                     | 1,496,993                               | 29.15  | 21.81  | 8,128                     | 727,805                                | 119.70                                      | 89.54                                       |
| Sep-05 | 68,868                     | 1,671,344                               | 32.44  | 24.27  | 8,128                     | 744,610                                | 122.47                                      | 91.61                                       |
| Oct-05 | 69,029                     | 1,308,893                               | 25.35  | 18.96  | 8,128                     | 680,500                                | 111.92                                      | 83.72                                       |
| Nov-05 | 69,102                     | 772,682                                 | 14.95  | 11.18  | 8,149                     | 384,445                                | 63.07                                       | 47.18                                       |
| Dec-05 | 69,243                     | 491,114                                 | 9.48   | 7.09   | 8,154                     | 301,745                                | 49.47                                       | 37.01                                       |
| Jan-06 | 69,488                     | 333,836                                 | 6.42   | 4.80   | 8,158                     | 224,647                                | 36.81                                       | 27.54                                       |
| Feb-06 | 69,641                     | 385,208                                 | 7.39   | 5.53   | 8,177                     | 262,941                                | 42.99                                       | 32.16                                       |
| Mar-06 | 70,143                     | 287,015                                 | 5.47   | 4.09   | 8,224                     | 210,690                                | 34.25                                       | 25.62                                       |
| Apr-06 | 70,317                     | 367,975                                 | 7.00   | 5.23   | 8,222                     | 256,125                                | 41.64                                       | 31.15                                       |
| May-06 | 70,655                     | 371,242                                 | 7.02   | 5.25   | 8,231                     | 256,760                                | 41.70                                       | 31.19                                       |
| Jun-06 | 70,891                     | 797,978                                 | 15.05  | 11.26  | 8,237                     | 462,312                                | 75.03                                       | 56.13                                       |
| Jul-06 | 71,081                     | 1,163,745                               | 21.89  | 16.37  | 8,254                     | 542,224                                | 87.82                                       | 65.69                                       |
| Aug-06 | 71,270                     | 1,551,998                               | 29.11  | 21.78  | 8,308                     | 788,827                                | 126.93                                      | 94.95                                       |
| Sep-06 | 71,478                     | 1,683,755                               | 31.49  | 23.56  | 8,331                     | 719,615                                | 115.47                                      | 86.38                                       |
| Oct-06 | 71,611                     | 1,287,561                               | 24.04  | 17.98  | 8,348                     | 700,923                                | 112.24                                      | 83.96                                       |
| Nov-06 | 71,726                     | 857,466                                 | 15.98  | 11.95  | 8,369                     | 446,845                                | 71.38                                       | 53.39                                       |
| Dec-06 | 71,840                     | 513,957                                 | 9.56   | 7.15   | 8,389                     | 301,148                                | 47.99                                       | 35.90                                       |
| Jan-07 | 71,923                     | 333,434                                 | 6.20   | 4.64   | 8,395                     | 234,871                                | 37.40                                       | 27.98                                       |
| Feb-07 | 72,047                     | 402,499                                 | 7.47   | 5.59   | 8,394                     | 248,351                                | 39.55                                       | 29.59                                       |
| Mar-07 | 72,218                     | 290,499                                 | 5.38   | 4.02   | 8,410                     | 222,648                                | 35.39                                       | 26.47                                       |
| Apr-07 | 72,401                     | 419,416                                 | 7.74   | 5.79   | 8,417                     | 254,551                                | 40.43                                       | 30.24                                       |
| May-07 | 72,546                     | 478,511                                 | 8.82   | 6.60   | 8,429                     | 297,581                                | 47.20                                       | 35.30                                       |
| Jun-07 | 72,629                     | 1,017,161                               | 18.72  | 14.00  | 8,433                     | 544,619                                | 86.33                                       | 64.58                                       |
| Jul-07 | 72,617                     | 1,380,237                               | 25.41  | 19.01  | 8,597                     | 613,722                                | 95.43                                       | 71.39                                       |
| Aug-07 | 72,692                     | 1,643,411                               | 30.22  | 22.61  | 8,611                     | 827,521                                | 128.47                                      | 96.10                                       |
| Sep-07 | 72,754                     | 1,617,439                               | 29.72  | 22.23  | 8,633                     | 738,223                                | 114.31                                      | 85.51                                       |
| Oct-07 | 72,834                     | 1,258,598                               | 23.10  | 17.28  | 8,644                     | 725,615                                | 112.22                                      | 83.94                                       |
| Nov-07 | 72,892                     | 750,261                                 | 13.76  | 10.29  | 8,669                     | 436,147                                | 67.26                                       | 50.31                                       |
| Dec-07 | 72,911                     | 466,578                                 | 8.55   | 6.40   | 8,695                     | 287,356                                | 44.18                                       | 33.05                                       |
| Jan-08 | 72,902                     | 313,144                                 | 5.74   | 4.30   | 8,740                     | 230,775                                | 35.30                                       | 26.40                                       |
| Feb-08 | 72,972                     | 407,186                                 | 7.46   | 5.58   | 8,750                     | 246,549                                | 37.67                                       | 28.18                                       |
| Mar-08 | 72,992                     | 304,853                                 | 5.58   | 4.18   | 8,774                     | 231,548                                | 35.28                                       | 26.39                                       |
| Apr-08 | 73,077                     | 374,720                                 | 6.85   | 5.13   | 8,795                     | 247,694                                | 37.65                                       | 28.16                                       |
| May-08 | 73,157                     | 425,509                                 | 7.78   | 5.82   | 8,799                     | 283,172                                | 43.02                                       | 32.18                                       |

Historic Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-08  | 73,249                            | 818,189                                     | 14.93  | 11.17  | 8,805                            | 476,120                                    | 72.29   | 54.07   |
| Jul-08  | 73,329                            | 1,102,003                                   | 20.09  | 15.03  | 8,825                            | 527,122                                    | 79.85   | 59.73   |
| Aug-08  | 73,377                            | 1,515,864                                   | 27.62  | 20.66  | 8,816                            | 767,890                                    | 116.44  | 87.10   |
| Sep-08  | 73,420                            | 1,691,152                                   | 30.79  | 23.03  | 8,830                            | 723,585                                    | 109.55  | 81.95   |
| Oct-08  | 73,306                            | 1,257,059                                   | 22.92  | 17.15  | 8,824                            | 693,577                                    | 105.07  | 78.60   |
| Nov-08  | 73,267                            | 801,099                                     | 14.62  | 10.93  | 8,835                            | 414,808                                    | 62.76   | 46.95   |
| Dec-08  | 73,264                            | 483,772                                     | 8.83   | 6.60   | 8,846                            | 299,878                                    | 45.32   | 33.90   |
| Jan-09  | 73,248                            | 324,916                                     | 5.93   | 4.44   | 8,844                            | 225,096                                    | 34.02   | 25.45   |
| Feb-09  | 73,236                            | 382,753                                     | 6.99   | 5.23   | 8,838                            | 211,663                                    | 32.02   | 23.95   |
| Mar-09  | 73,243                            | 280,002                                     | 5.11   | 3.82   | 8,837                            | 201,220                                    | 30.44   | 22.77   |
| Apr-09  | 73,267                            | 373,452                                     | 6.81   | 5.10   | 8,845                            | 222,771                                    | 33.67   | 25.19   |
| May-09  | 73,304                            | 393,611                                     | 7.18   | 5.37   | 8,858                            | 263,716                                    | 39.80   | 29.77   |
| Jun-09  | 73,348                            | 849,773                                     | 15.49  | 11.59  | 8,867                            | 470,564                                    | 70.94   | 53.07   |
| Jul-09  | 73,364                            | 1,082,606                                   | 19.73  | 14.76  | 8,877                            | 510,979                                    | 76.95   | 57.56   |
| Aug-09  | 73,419                            | 1,324,566                                   | 24.12  | 18.04  | 8,878                            | 678,787                                    | 102.21  | 76.46   |
| Sep-09  | 73,407                            | 1,532,528                                   | 27.91  | 20.88  | 8,883                            | 671,320                                    | 101.03  | 75.57   |
| Oct-09  | 73,384                            | 1,226,329                                   | 22.34  | 16.71  | 8,877                            | 687,603                                    | 103.55  | 77.46   |
| Nov-09  | 73,397                            | 772,965                                     | 14.08  | 10.53  | 8,869                            | 401,647                                    | 60.54   | 45.29   |
| Dec-09  | 73,422                            | 441,256                                     | 8.03   | 6.01   | 8,875                            | 258,256                                    | 38.90   | 29.10   |
| Jan-10  | 73,461                            | 337,921                                     | 6.15   | 4.60   | 8,875                            | 212,758                                    | 32.05   | 23.97   |
| Feb-10  | 73,453                            | 393,318                                     | 7.16   | 5.35   | 8,875                            | 220,489                                    | 33.21   | 24.84   |
| Mar-10  | 73,495                            | 268,907                                     | 4.89   | 3.66   | 8,879                            | 183,822                                    | 27.68   | 20.70   |
| Apr-10  | 73,579                            | 360,566                                     | 6.55   | 4.90   | 8,893                            | 223,474                                    | 33.59   | 25.13   |
| May-10  | 73,717                            | 342,386                                     | 6.21   | 4.64   | 8,894                            | 221,873                                    | 33.35   | 24.95   |
| Jun-10  | 73,729                            | 576,067                                     | 10.44  | 7.81   | 8,892                            | 358,288                                    | 53.86   | 40.29   |
| Jul-10  | 73,850                            | 908,958                                     | 16.45  | 12.31  | 8,902                            | 448,801                                    | 67.40   | 50.42   |
| Aug-10  | 73,934                            | 1,414,557                                   | 25.58  | 19.13  | 8,913                            | 728,391                                    | 109.25  | 81.72   |
| Sep-10  | 73,939                            | 1,468,743                                   | 26.55  | 19.86  | 8,895                            | 609,450                                    | 91.59   | 68.52   |
| Oct-10  | 73,970                            | 1,152,597                                   | 20.83  | 15.58  | 8,900                            | 636,853                                    | 95.66   | 71.56   |
| Nov-10  | 73,972                            | 853,761                                     | 15.43  | 11.54  | 8,895                            | 413,262                                    | 62.11   | 46.46   |
| Dec-10  | 73,960                            | 492,866                                     | 8.91   | 6.66   | 8,895                            | 288,574                                    | 43.37   | 32.44   |
| Jan-11  | 73,995                            | 321,493                                     | 5.81   | 4.34   | 8,894                            | 215,366                                    | 32.37   | 24.21   |
| Feb-11  | 74,014                            | 390,007                                     | 7.04   | 5.27   | 8,903                            | 217,372                                    | 32.64   | 24.42   |
| Mar-11  | 74,095                            | 274,582                                     | 4.95   | 3.71   | 8,907                            | 189,189                                    | 28.39   | 21.24   |
| Apr-11  | 74,168                            | 351,436                                     | 6.33   | 4.74   | 8,925                            | 216,300                                    | 32.40   | 24.24   |
| May-11  | 74,268                            | 309,230                                     | 5.57   | 4.16   | 8,930                            | 222,073                                    | 33.24   | 24.87   |
| Jun-11  | 74,304                            | 526,940                                     | 9.48   | 7.09   | 8,939                            | 327,313                                    | 48.95   | 36.62   |
| Jul-11  | 74,428                            | 833,565                                     | 14.97  | 11.20  | 8,945                            | 428,685                                    | 64.07   | 47.92   |
| Aug-11  | 74,542                            | 1,326,496                                   | 23.79  | 17.80  | 8,949                            | 660,643                                    | 98.69   | 73.82   |
| Sep-11  | 74,616                            | 1,531,624                                   | 27.44  | 20.53  | 8,966                            | 650,240                                    | 96.95   | 72.52   |
| Oct-11  | 74,477                            | 1,220,561                                   | 21.91  | 16.39  | 8,602                            | 688,248                                    | 106.96  | 80.01   |
| Nov-11  | 74,355                            | 902,138                                     | 16.22  | 12.13  | 8,415                            | 444,441                                    | 70.60   | 52.82   |
| Dec-11  | 74,352                            | 501,114                                     | 9.01   | 6.74   | 8,336                            | 299,708                                    | 48.06   | 35.95   |
| Jan-12  | 74,474                            | 310,778                                     | 5.58   | 4.17   | 8,336                            | 286,109                                    | 45.88   | 34.32   |
| Feb-12  | 74,580                            | 337,266                                     | 6.05   | 4.52   | 8,326                            | 270,699                                    | 43.46   | 32.51   |
| Mar-12  | 74,688                            | 261,947                                     | 4.69   | 3.51   | 8,344                            | 272,028                                    | 43.58   | 32.60   |
| Apr-12  | 74,796                            | 317,093                                     | 5.67   | 4.24   | 8,363                            | 273,277                                    | 43.68   | 32.68   |
| May-12  | 74,904                            | 342,405                                     | 6.11   | 4.57   | 8,381                            | 273,432                                    | 43.61   | 32.63   |
| Jun-12  | 75,012                            | 670,256                                     | 11.94  | 8.94   | 8,399                            | 366,704                                    | 58.37   | 43.66   |
| Jul-12  | 75,119                            | 1,116,849                                   | 19.88  | 14.87  | 8,417                            | 494,252                                    | 78.50   | 58.72   |
| Aug-12  | 75,243                            | 1,466,954                                   | 26.06  | 19.50  | 8,435                            | 727,889                                    | 115.36  | 86.30   |
| Sep-12  | 75,366                            | 1,495,699                                   | 26.53  | 19.85  | 8,453                            | 725,013                                    | 114.66  | 85.77   |
| Oct-12  | 75,489                            | 1,442,865                                   | 25.55  | 19.11  | 8,470                            | 719,835                                    | 113.61  | 84.98   |
| Nov-12  | 75,612                            | 839,856                                     | 14.85  | 11.11  | 8,488                            | 457,614                                    | 72.07   | 53.91   |

Historic Data

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Dec-12  | 75,735                            | 447,250                                     | 7.89   | 5.91   | 8,506                            | 297,627                                    | 46.78   | 34.99   |
| Jan-13  | 76,085                            | 277,539                                     | 4.88   | 3.65   | 8,524                            | 282,133                                    | 44.25   | 33.10   |
| Feb-13  | 76,208                            | 368,907                                     | 6.47   | 4.84   | 8,541                            | 284,543                                    | 44.53   | 33.31   |
| Mar-13  | 76,332                            | 287,801                                     | 5.04   | 3.77   | 8,559                            | 286,300                                    | 44.72   | 33.45   |
| Apr-13  | 76,455                            | 346,414                                     | 6.06   | 4.53   | 8,577                            | 287,107                                    | 44.75   | 33.47   |
| May-13  | 76,579                            | 370,127                                     | 6.46   | 4.83   | 8,595                            | 286,303                                    | 44.53   | 33.31   |
| Jun-13  | 76,702                            | 692,701                                     | 12.07  | 9.03   | 8,612                            | 379,154                                    | 58.85   | 44.02   |
| Jul-13  | 76,826                            | 1,147,730                                   | 19.97  | 14.94  | 8,630                            | 509,713                                    | 78.96   | 59.06   |
| Aug-13  | 76,957                            | 1,579,790                                   | 27.44  | 20.53  | 8,648                            | 749,156                                    | 115.81  | 86.63   |
| Sep-13  | 77,087                            | 1,610,530                                   | 27.93  | 20.89  | 8,666                            | 746,104                                    | 115.10  | 86.10   |
| Oct-13  | 77,218                            | 1,478,686                                   | 25.60  | 19.15  | 8,684                            | 740,146                                    | 113.94  | 85.23   |
| Nov-13  | 77,349                            | 862,541                                     | 14.91  | 11.15  | 8,701                            | 471,244                                    | 72.40   | 54.16   |
| Dec-13  | 77,479                            | 461,335                                     | 7.96   | 5.95   | 8,719                            | 307,267                                    | 47.11   | 35.24   |
| Jan-14  | 77,669                            | 285,500                                     | 4.91   | 3.68   | 8,737                            | 291,209                                    | 44.56   | 33.33   |
| Feb-14  | 77,799                            | 379,168                                     | 6.52   | 4.87   | 8,755                            | 293,609                                    | 44.83   | 33.54   |
| Mar-14  | 77,930                            | 295,580                                     | 5.07   | 3.79   | 8,773                            | 295,339                                    | 45.00   | 33.66   |
| Apr-14  | 78,061                            | 355,534                                     | 6.09   | 4.55   | 8,791                            | 296,096                                    | 45.03   | 33.68   |
| May-14  | 78,192                            | 381,597                                     | 6.52   | 4.88   | 8,809                            | 295,642                                    | 44.87   | 33.56   |
| Jun-14  | 78,322                            | 683,435                                     | 11.66  | 8.73   | 8,827                            | 384,633                                    | 58.25   | 43.58   |
| Jul-14  | 78,453                            | 1,154,697                                   | 19.68  | 14.72  | 8,844                            | 518,669                                    | 78.40   | 58.64   |
| Aug-14  | 78,585                            | 1,617,771                                   | 27.52  | 20.59  | 8,862                            | 764,022                                    | 115.25  | 86.21   |
| Sep-14  | 78,717                            | 1,649,590                                   | 28.01  | 20.96  | 8,879                            | 760,855                                    | 114.55  | 85.69   |
| Oct-14  | 78,849                            | 1,495,636                                   | 25.36  | 18.97  | 8,897                            | 755,435                                    | 113.51  | 84.91   |
| Nov-14  | 78,981                            | 861,904                                     | 14.59  | 10.91  | 8,914                            | 479,910                                    | 71.97   | 53.84   |
| Dec-14  | 79,112                            | 448,295                                     | 7.58   | 5.67   | 8,932                            | 311,775                                    | 46.66   | 34.91   |
| Jan-15  | 79,296                            | 277,146                                     | 4.67   | 3.50   | 8,949                            | 295,466                                    | 44.14   | 33.02   |
| Feb-15  | 79,420                            | 368,535                                     | 6.20   | 4.64   | 8,967                            | 297,922                                    | 44.42   | 33.22   |
| Mar-15  | 79,544                            | 287,528                                     | 4.83   | 3.61   | 8,984                            | 299,693                                    | 44.59   | 33.36   |
| Apr-15  | 79,668                            | 345,944                                     | 5.80   | 4.34   | 9,002                            | 300,465                                    | 44.62   | 33.38   |
| May-15  | 79,792                            | 368,197                                     | 6.17   | 4.61   | 9,019                            | 299,321                                    | 44.36   | 33.19   |
| Jun-15  | 79,915                            | 702,682                                     | 11.75  | 8.79   | 9,037                            | 396,561                                    | 58.66   | 43.88   |
| Jul-15  | 80,039                            | 1,181,969                                   | 19.74  | 14.77  | 9,054                            | 533,552                                    | 78.77   | 58.93   |
| Aug-15  | 80,162                            | 1,672,986                                   | 27.90  | 20.87  | 9,072                            | 784,664                                    | 115.63  | 86.50   |
| Sep-15  | 80,285                            | 1,705,537                                   | 28.40  | 21.24  | 9,089                            | 781,360                                    | 114.92  | 85.97   |
| Oct-15  | 80,408                            | 1,527,228                                   | 25.39  | 18.99  | 9,106                            | 775,244                                    | 113.81  | 85.13   |
| Nov-15  | 80,531                            | 881,434                                     | 14.63  | 10.95  | 9,124                            | 493,192                                    | 72.26   | 54.06   |
| Dec-15  | 80,654                            | 460,130                                     | 7.63   | 5.70   | 9,141                            | 321,180                                    | 46.97   | 35.14   |
| Jan-16  | 80,839                            | 284,454                                     | 4.70   | 3.52   | 9,158                            | 304,360                                    | 44.43   | 33.23   |
| Feb-16  | 80,962                            | 378,123                                     | 6.24   | 4.67   | 9,176                            | 306,844                                    | 44.70   | 33.44   |
| Mar-16  | 81,085                            | 294,925                                     | 4.86   | 3.64   | 9,193                            | 308,626                                    | 44.88   | 33.57   |
| Apr-16  | 81,208                            | 354,771                                     | 5.84   | 4.37   | 9,210                            | 309,387                                    | 44.91   | 33.59   |
| May-16  | 81,331                            | 379,712                                     | 6.24   | 4.67   | 9,228                            | 308,676                                    | 44.72   | 33.45   |
| Jun-16  | 81,454                            | 720,887                                     | 11.83  | 8.85   | 9,245                            | 408,342                                    | 59.05   | 44.17   |
| Jul-16  | 81,577                            | 1,207,963                                   | 19.80  | 14.81  | 9,262                            | 548,222                                    | 79.12   | 59.19   |
| Aug-16  | 81,696                            | 1,747,551                                   | 28.60  | 21.39  | 9,280                            | 805,068                                    | 115.98  | 86.76   |
| Sep-16  | 81,815                            | 1,781,372                                   | 29.11  | 21.77  | 9,297                            | 801,656                                    | 115.27  | 86.23   |
| Oct-16  | 81,934                            | 1,557,856                                   | 25.42  | 19.01  | 9,314                            | 794,878                                    | 114.09  | 85.34   |
| Nov-16  | 82,053                            | 900,299                                     | 14.67  | 10.97  | 9,331                            | 506,375                                    | 72.54   | 54.27   |
| Dec-16  | 82,172                            | 471,498                                     | 7.67   | 5.74   | 9,348                            | 330,538                                    | 47.27   | 35.36   |
| Jan-17  | 82,353                            | 291,513                                     | 4.73   | 3.54   | 9,366                            | 313,228                                    | 44.71   | 33.44   |
| Feb-17  | 82,472                            | 387,443                                     | 6.28   | 4.70   | 9,383                            | 315,759                                    | 44.99   | 33.65   |
| Mar-17  | 82,591                            | 302,160                                     | 4.89   | 3.66   | 9,400                            | 317,573                                    | 45.16   | 33.78   |
| Apr-17  | 82,710                            | 363,457                                     | 5.87   | 4.39   | 9,417                            | 318,342                                    | 45.19   | 33.80   |
| May-17  | 82,829                            | 391,217                                     | 6.31   | 4.72   | 9,435                            | 318,106                                    | 45.07   | 33.72   |

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-17  | 82,947                            | 738,991                                     | 11.91  | 8.91   | 9,452                            | 420,223                                    | 59.43   | 44.46   |
| Jul-17  | 83,066                            | 1,233,527                                   | 19.85  | 14.85  | 9,469                            | 562,989                                    | 79.48   | 59.45   |
| Aug-17  | 83,182                            | 1,823,035                                   | 29.30  | 21.92  | 9,486                            | 825,551                                    | 116.34  | 87.03   |
| Sep-17  | 83,298                            | 1,858,228                                   | 29.82  | 22.31  | 9,503                            | 822,042                                    | 115.64  | 86.50   |
| Oct-17  | 83,414                            | 1,588,007                                   | 25.45  | 19.04  | 9,520                            | 814,569                                    | 114.38  | 85.56   |
| Nov-17  | 83,530                            | 919,275                                     | 14.71  | 11.01  | 9,537                            | 519,672                                    | 72.84   | 54.49   |
| Dec-17  | 83,645                            | 483,448                                     | 7.73   | 5.78   | 9,554                            | 340,067                                    | 47.58   | 35.59   |
| Jan-18  | 83,824                            | 299,015                                     | 4.77   | 3.57   | 9,571                            | 322,275                                    | 45.01   | 33.67   |
| Feb-18  | 83,940                            | 397,426                                     | 6.33   | 4.73   | 9,588                            | 324,867                                    | 45.29   | 33.88   |
| Mar-18  | 84,056                            | 309,973                                     | 4.93   | 3.69   | 9,605                            | 326,725                                    | 45.47   | 34.02   |
| Apr-18  | 84,172                            | 372,918                                     | 5.92   | 4.43   | 9,622                            | 327,517                                    | 45.50   | 34.04   |
| May-18  | 84,287                            | 403,992                                     | 6.41   | 4.79   | 9,639                            | 327,851                                    | 45.47   | 34.01   |
| Jun-18  | 84,403                            | 708,132                                     | 11.22  | 8.39   | 9,656                            | 420,781                                    | 58.25   | 43.58   |
| Jul-18  | 84,519                            | 1,223,897                                   | 19.36  | 14.48  | 9,673                            | 567,328                                    | 78.40   | 58.65   |
| Aug-18  | 84,631                            | 1,867,296                                   | 29.50  | 22.06  | 9,690                            | 835,509                                    | 115.26  | 86.22   |
| Sep-18  | 84,742                            | 1,903,761                                   | 30.03  | 22.47  | 9,707                            | 831,888                                    | 114.56  | 85.70   |
| Oct-18  | 84,854                            | 1,589,976                                   | 25.05  | 18.74  | 9,724                            | 825,777                                    | 113.52  | 84.92   |
| Nov-18  | 84,966                            | 901,320                                     | 14.18  | 10.61  | 9,741                            | 524,545                                    | 71.99   | 53.85   |
| Dec-18  | 85,078                            | 450,693                                     | 7.08   | 5.30   | 9,758                            | 340,776                                    | 46.69   | 34.92   |
| Jan-19  | 85,254                            | 278,124                                     | 4.36   | 3.26   | 9,775                            | 322,902                                    | 44.16   | 33.03   |
| Feb-19  | 85,365                            | 370,388                                     | 5.80   | 4.34   | 9,792                            | 325,535                                    | 44.44   | 33.25   |
| Mar-19  | 85,477                            | 289,225                                     | 4.52   | 3.38   | 9,809                            | 327,419                                    | 44.62   | 33.38   |
| Apr-19  | 85,589                            | 348,011                                     | 5.44   | 4.07   | 9,826                            | 328,213                                    | 44.65   | 33.40   |
| May-19  | 85,701                            | 370,206                                     | 5.77   | 4.32   | 9,843                            | 326,982                                    | 44.41   | 33.22   |
| Jun-19  | 85,812                            | 727,423                                     | 11.33  | 8.48   | 9,860                            | 433,065                                    | 58.72   | 43.92   |
| Jul-19  | 85,924                            | 1,249,572                                   | 19.44  | 14.54  | 9,877                            | 582,395                                    | 78.83   | 58.97   |
| Aug-19  | 86,040                            | 1,944,670                                   | 30.21  | 22.60  | 9,893                            | 856,167                                    | 115.69  | 86.54   |
| Sep-19  | 86,157                            | 1,982,604                                   | 30.76  | 23.01  | 9,910                            | 852,423                                    | 114.99  | 86.02   |
| Oct-19  | 86,273                            | 1,619,706                                   | 25.10  | 18.77  | 9,927                            | 845,509                                    | 113.86  | 85.17   |
| Nov-19  | 86,389                            | 920,578                                     | 14.25  | 10.66  | 9,943                            | 537,965                                    | 72.32   | 54.10   |
| Dec-19  | 86,506                            | 463,298                                     | 7.16   | 5.36   | 9,960                            | 350,481                                    | 47.04   | 35.19   |
| Jan-20  | 86,687                            | 285,986                                     | 4.41   | 3.30   | 9,977                            | 332,093                                    | 44.50   | 33.29   |
| Feb-20  | 86,804                            | 380,758                                     | 5.86   | 4.39   | 9,994                            | 334,762                                    | 44.78   | 33.50   |
| Mar-20  | 86,920                            | 297,276                                     | 4.57   | 3.42   | 10,010                           | 336,667                                    | 44.96   | 33.63   |
| Apr-20  | 87,036                            | 357,689                                     | 5.49   | 4.11   | 10,027                           | 337,459                                    | 44.99   | 33.65   |
| May-20  | 87,153                            | 383,301                                     | 5.88   | 4.40   | 10,044                           | 336,814                                    | 44.83   | 33.53   |
| Jun-20  | 87,269                            | 747,106                                     | 11.44  | 8.56   | 10,061                           | 445,325                                    | 59.17   | 44.26   |
| Jul-20  | 87,385                            | 1,276,053                                   | 19.52  | 14.60  | 10,077                           | 597,387                                    | 79.25   | 59.28   |
| Aug-20  | 87,507                            | 2,024,932                                   | 30.93  | 23.14  | 10,094                           | 876,697                                    | 116.11  | 86.85   |
| Sep-20  | 87,629                            | 2,064,423                                   | 31.49  | 23.56  | 10,111                           | 872,846                                    | 115.40  | 86.33   |
| Oct-20  | 87,751                            | 1,650,537                                   | 25.14  | 18.81  | 10,127                           | 865,130                                    | 114.20  | 85.42   |
| Nov-20  | 87,872                            | 940,488                                     | 14.31  | 10.70  | 10,144                           | 551,351                                    | 72.66   | 54.35   |
| Dec-20  | 87,994                            | 476,270                                     | 7.24   | 5.41   | 10,161                           | 360,201                                    | 47.39   | 35.45   |
| Jan-21  | 88,182                            | 294,090                                     | 4.46   | 3.34   | 10,177                           | 341,306                                    | 44.83   | 33.54   |
| Feb-21  | 88,304                            | 391,470                                     | 5.93   | 4.43   | 10,194                           | 344,020                                    | 45.11   | 33.75   |
| Mar-21  | 88,426                            | 305,609                                     | 4.62   | 3.46   | 10,211                           | 345,953                                    | 45.29   | 33.88   |
| Apr-21  | 88,548                            | 367,726                                     | 5.55   | 4.15   | 10,227                           | 346,751                                    | 45.32   | 33.90   |
| May-21  | 88,670                            | 396,889                                     | 5.98   | 4.48   | 10,244                           | 346,724                                    | 45.25   | 33.85   |
| Jun-21  | 88,791                            | 767,600                                     | 11.56  | 8.64   | 10,261                           | 457,672                                    | 59.63   | 44.60   |
| Jul-21  | 88,913                            | 1,303,701                                   | 19.60  | 14.66  | 10,277                           | 612,449                                    | 79.66   | 59.59   |
| Aug-21  | 89,035                            | 2,108,445                                   | 31.66  | 23.68  | 10,294                           | 897,286                                    | 116.52  | 87.16   |
| Sep-21  | 89,158                            | 2,149,419                                   | 32.23  | 24.11  | 10,311                           | 893,345                                    | 115.82  | 86.64   |
| Oct-21  | 89,281                            | 1,682,424                                   | 25.19  | 18.84  | 10,328                           | 884,819                                    | 114.53  | 85.67   |
| Nov-21  | 89,403                            | 960,983                                     | 14.37  | 10.75  | 10,345                           | 564,822                                    | 72.99   | 54.60   |

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Dec-21  | 89,525                            | 489,543                                     | 7.31   | 5.47   | 10,361                           | 370,015                                    | 47.74   | 35.71   |
| Jan-22  | 89,715                            | 302,350                                     | 4.51   | 3.37   | 10,378                           | 350,613                                    | 45.16   | 33.78   |
| Feb-22  | 89,838                            | 402,349                                     | 5.99   | 4.48   | 10,395                           | 353,375                                    | 45.44   | 33.99   |
| Mar-22  | 89,960                            | 314,040                                     | 4.67   | 3.49   | 10,412                           | 355,340                                    | 45.62   | 34.13   |
| Apr-22  | 90,083                            | 377,844                                     | 5.61   | 4.19   | 10,429                           | 356,149                                    | 45.65   | 34.15   |
| May-22  | 90,205                            | 410,576                                     | 6.08   | 4.55   | 10,446                           | 356,757                                    | 45.66   | 34.15   |
| Jun-22  | 90,328                            | 727,491                                     | 10.77  | 8.05   | 10,462                           | 455,918                                    | 58.25   | 43.58   |
| Jul-22  | 90,450                            | 1,288,104                                   | 19.04  | 14.24  | 10,479                           | 614,617                                    | 78.40   | 58.65   |
| Aug-22  | 90,571                            | 2,150,467                                   | 31.74  | 23.74  | 10,496                           | 905,023                                    | 115.27  | 86.23   |
| Sep-22  | 90,692                            | 2,192,928                                   | 32.32  | 24.18  | 10,513                           | 900,978                                    | 114.57  | 85.70   |
| Oct-22  | 90,813                            | 1,680,386                                   | 24.74  | 18.50  | 10,530                           | 894,229                                    | 113.53  | 84.93   |
| Nov-22  | 90,934                            | 936,444                                     | 13.77  | 10.30  | 10,546                           | 567,963                                    | 71.99   | 53.85   |
| Dec-22  | 91,055                            | 448,103                                     | 6.58   | 4.92   | 10,563                           | 368,955                                    | 46.69   | 34.93   |
| Jan-23  | 91,245                            | 275,973                                     | 4.04   | 3.02   | 10,580                           | 279,649                                    | 35.33   | 26.43   |
| Feb-23  | 91,366                            | 368,220                                     | 5.39   | 4.03   | 10,597                           | 334,750                                    | 42.23   | 31.59   |
| Mar-23  | 91,487                            | 287,866                                     | 4.21   | 3.15   | 10,614                           | 318,927                                    | 40.17   | 30.05   |
| Apr-23  | 91,608                            | 346,453                                     | 5.06   | 3.78   | 10,630                           | 337,421                                    | 42.43   | 31.74   |
| May-23  | 91,728                            | 368,152                                     | 5.37   | 4.01   | 10,647                           | 336,139                                    | 42.20   | 31.57   |
| Jun-23  | 91,849                            | 748,356                                     | 10.89  | 8.15   | 10,664                           | 464,240                                    | 58.20   | 43.53   |
| Jul-23  | 91,970                            | 1,315,908                                   | 19.13  | 14.31  | 10,681                           | 629,959                                    | 78.85   | 58.98   |
| Aug-23  | 92,092                            | 2,192,740                                   | 31.83  | 23.81  | 10,697                           | 925,924                                    | 115.71  | 86.56   |
| Sep-23  | 92,214                            | 2,235,891                                   | 32.41  | 24.25  | 10,714                           | 921,778                                    | 115.01  | 86.03   |
| Oct-23  | 92,336                            | 1,712,312                                   | 24.79  | 18.54  | 10,731                           | 822,751                                    | 102.49  | 76.67   |
| Nov-23  | 92,458                            | 957,113                                     | 13.84  | 10.35  | 10,748                           | 552,566                                    | 68.73   | 51.41   |
| Dec-23  | 92,579                            | 461,661                                     | 6.67   | 4.99   | 10,765                           | 368,146                                    | 45.72   | 34.20   |
| Jan-24  | 92,771                            | 284,428                                     | 4.10   | 3.07   | 10,781                           | 359,061                                    | 44.52   | 33.30   |
| Feb-24  | 92,893                            | 379,366                                     | 5.46   | 4.08   | 10,798                           | 361,914                                    | 44.80   | 33.52   |
| Mar-24  | 93,015                            | 296,516                                     | 4.26   | 3.19   | 10,815                           | 363,941                                    | 44.99   | 33.65   |
| Apr-24  | 93,136                            | 356,848                                     | 5.12   | 3.83   | 10,832                           | 364,765                                    | 45.02   | 33.68   |
| May-24  | 93,258                            | 382,360                                     | 5.48   | 4.10   | 10,849                           | 364,098                                    | 44.87   | 33.56   |
| Jun-24  | 93,380                            | 769,522                                     | 11.02  | 8.24   | 10,865                           | 481,289                                    | 59.22   | 44.30   |
| Jul-24  | 93,502                            | 1,344,034                                   | 19.22  | 14.37  | 10,882                           | 645,422                                    | 79.29   | 59.31   |
| Aug-24  | 93,624                            | 2,235,383                                   | 31.92  | 23.88  | 10,899                           | 946,932                                    | 116.15  | 86.88   |
| Sep-24  | 93,746                            | 2,279,168                                   | 32.50  | 24.31  | 10,916                           | 942,673                                    | 115.45  | 86.36   |
| Oct-24  | 93,869                            | 1,744,397                                   | 24.84  | 18.58  | 10,933                           | 934,175                                    | 114.23  | 85.45   |
| Nov-24  | 93,991                            | 977,786                                     | 13.91  | 10.40  | 10,949                           | 595,386                                    | 72.69   | 54.38   |
| Dec-24  | 94,114                            | 475,077                                     | 6.75   | 5.05   | 10,966                           | 389,033                                    | 47.42   | 35.48   |
| Jan-25  | 94,307                            | 292,749                                     | 4.15   | 3.10   | 10,983                           | 368,588                                    | 44.86   | 33.56   |
| Feb-25  | 94,429                            | 390,286                                     | 5.53   | 4.13   | 11,000                           | 371,476                                    | 45.15   | 33.77   |
| Mar-25  | 94,552                            | 304,949                                     | 4.31   | 3.23   | 11,017                           | 373,522                                    | 45.32   | 33.91   |
| Apr-25  | 94,674                            | 366,932                                     | 5.18   | 3.88   | 11,034                           | 374,344                                    | 45.36   | 33.93   |
| May-25  | 94,796                            | 396,128                                     | 5.59   | 4.18   | 11,050                           | 374,340                                    | 45.29   | 33.88   |
| Jun-25  | 94,919                            | 790,172                                     | 11.13  | 8.32   | 11,067                           | 493,999                                    | 59.67   | 44.64   |
| Jul-25  | 95,041                            | 1,371,807                                   | 19.30  | 14.43  | 11,084                           | 660,843                                    | 79.70   | 59.62   |
| Aug-25  | 95,167                            | 2,277,861                                   | 32.00  | 23.94  | 11,101                           | 967,916                                    | 116.56  | 87.19   |
| Sep-25  | 95,293                            | 2,322,398                                   | 32.58  | 24.37  | 11,118                           | 963,546                                    | 115.86  | 86.67   |
| Oct-25  | 95,420                            | 1,776,489                                   | 24.89  | 18.62  | 11,134                           | 954,172                                    | 114.56  | 85.70   |
| Nov-25  | 95,546                            | 998,286                                     | 13.97  | 10.45  | 11,151                           | 609,110                                    | 73.02   | 54.62   |
| Dec-25  | 95,672                            | 488,187                                     | 6.82   | 5.10   | 11,168                           | 399,079                                    | 47.77   | 35.73   |
| Jan-26  | 95,870                            | 300,911                                     | 4.20   | 3.14   | 11,185                           | 378,107                                    | 45.19   | 33.81   |
| Feb-26  | 95,996                            | 401,050                                     | 5.58   | 4.18   | 11,201                           | 381,037                                    | 45.47   | 34.02   |
| Mar-26  | 96,122                            | 313,301                                     | 4.36   | 3.26   | 11,218                           | 383,108                                    | 45.65   | 34.15   |
| Apr-26  | 96,248                            | 376,965                                     | 5.24   | 3.92   | 11,235                           | 383,932                                    | 45.68   | 34.17   |
| May-26  | 96,375                            | 409,907                                     | 5.69   | 4.25   | 11,252                           | 384,602                                    | 45.69   | 34.18   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-26  | 96,501                            | 744,785                                     | 10.32  | 7.72   | 11,269                           | 491,050                                    | 58.25   | 43.58   |
| Jul-26  | 96,627                            | 1,352,872                                   | 18.72  | 14.00  | 11,285                           | 661,897                                    | 78.40   | 58.65   |
| Aug-26  | 96,760                            | 2,274,170                                   | 31.42  | 23.50  | 11,302                           | 974,543                                    | 115.27  | 86.22   |
| Sep-26  | 96,894                            | 2,319,582                                   | 32.00  | 23.94  | 11,319                           | 970,087                                    | 114.57  | 85.70   |
| Oct-26  | 97,028                            | 1,772,496                                   | 24.42  | 18.27  | 11,336                           | 962,725                                    | 113.53  | 84.92   |
| Nov-26  | 97,161                            | 970,150                                     | 13.35  | 9.98   | 11,353                           | 611,397                                    | 71.99   | 53.85   |
| Dec-26  | 97,295                            | 441,753                                     | 6.07   | 4.54   | 11,370                           | 397,116                                    | 46.69   | 34.93   |
| Jan-27  | 97,502                            | 271,374                                     | 3.72   | 2.78   | 11,387                           | 376,200                                    | 44.16   | 33.04   |
| Feb-27  | 97,635                            | 362,839                                     | 4.97   | 3.72   | 11,404                           | 379,180                                    | 44.45   | 33.25   |
| Mar-27  | 97,769                            | 284,005                                     | 3.88   | 2.90   | 11,421                           | 381,286                                    | 44.63   | 33.38   |
| Apr-27  | 97,903                            | 341,845                                     | 4.67   | 3.49   | 11,438                           | 382,122                                    | 44.66   | 33.41   |
| May-27  | 98,036                            | 362,550                                     | 4.94   | 3.70   | 11,455                           | 380,613                                    | 44.42   | 33.23   |
| Jun-27  | 98,170                            | 766,477                                     | 10.44  | 7.81   | 11,472                           | 503,967                                    | 58.72   | 43.93   |
| Jul-27  | 98,303                            | 1,382,625                                   | 18.80  | 14.06  | 11,489                           | 677,563                                    | 78.84   | 58.97   |
| Aug-27  | 98,437                            | 2,319,837                                   | 31.50  | 23.57  | 11,506                           | 995,827                                    | 115.70  | 86.55   |
| Sep-27  | 98,570                            | 2,365,963                                   | 32.09  | 24.00  | 11,523                           | 991,259                                    | 115.00  | 86.02   |
| Oct-27  | 98,704                            | 1,806,845                                   | 24.47  | 18.31  | 11,540                           | 982,994                                    | 113.87  | 85.18   |
| Nov-27  | 98,837                            | 991,818                                     | 13.41  | 10.03  | 11,557                           | 625,330                                    | 72.33   | 54.11   |
| Dec-27  | 98,971                            | 455,340                                     | 6.15   | 4.60   | 11,574                           | 407,339                                    | 47.05   | 35.19   |
| Jan-28  | 99,178                            | 279,815                                     | 3.77   | 2.82   | 11,591                           | 385,887                                    | 44.50   | 33.29   |
| Feb-28  | 99,312                            | 373,960                                     | 5.03   | 3.77   | 11,608                           | 388,908                                    | 44.79   | 33.50   |
| Mar-28  | 99,445                            | 292,625                                     | 3.93   | 2.94   | 11,625                           | 391,039                                    | 44.97   | 33.64   |
| Apr-28  | 99,579                            | 352,183                                     | 4.73   | 3.54   | 11,642                           | 391,878                                    | 45.00   | 33.66   |
| May-28  | 99,712                            | 376,748                                     | 5.05   | 3.78   | 11,659                           | 391,068                                    | 44.84   | 33.54   |
| Jun-28  | 99,846                            | 788,158                                     | 10.55  | 7.89   | 11,676                           | 516,930                                    | 59.19   | 44.27   |
| Jul-28  | 99,979                            | 1,412,320                                   | 18.88  | 14.13  | 11,693                           | 693,251                                    | 79.26   | 59.29   |
| Aug-28  | 100,115                           | 2,365,496                                   | 31.59  | 23.63  | 11,710                           | 1,017,133                                  | 116.12  | 86.86   |
| Sep-28  | 100,251                           | 2,412,398                                   | 32.17  | 24.06  | 11,727                           | 1,012,468                                  | 115.42  | 86.34   |
| Oct-28  | 100,387                           | 1,841,242                                   | 24.52  | 18.34  | 11,744                           | 1,003,303                                  | 114.21  | 85.43   |
| Nov-28  | 100,522                           | 1,013,476                                   | 13.48  | 10.08  | 11,761                           | 639,313                                    | 72.67   | 54.36   |
| Dec-28  | 100,658                           | 468,854                                     | 6.23   | 4.66   | 11,778                           | 417,615                                    | 47.40   | 35.46   |
| Jan-29  | 100,870                           | 288,216                                     | 3.82   | 2.86   | 11,795                           | 395,631                                    | 44.84   | 33.54   |
| Feb-29  | 101,005                           | 385,039                                     | 5.10   | 3.81   | 11,812                           | 398,698                                    | 45.12   | 33.75   |
| Mar-29  | 101,141                           | 301,220                                     | 3.98   | 2.98   | 11,829                           | 400,860                                    | 45.30   | 33.89   |
| Apr-29  | 101,277                           | 362,500                                     | 4.78   | 3.58   | 11,846                           | 401,707                                    | 45.33   | 33.91   |
| May-29  | 101,413                           | 390,968                                     | 5.15   | 3.86   | 11,864                           | 401,612                                    | 45.25   | 33.85   |
| Jun-29  | 101,559                           | 810,058                                     | 10.66  | 7.98   | 11,881                           | 530,006                                    | 59.64   | 44.61   |
| Jul-29  | 101,705                           | 1,442,671                                   | 18.96  | 14.18  | 11,898                           | 709,076                                    | 79.67   | 59.60   |
| Aug-29  | 101,853                           | 2,412,516                                   | 31.66  | 23.69  | 11,915                           | 1,038,625                                  | 116.53  | 87.17   |
| Sep-29  | 102,001                           | 2,460,451                                   | 32.25  | 24.12  | 11,932                           | 1,033,869                                  | 115.83  | 86.65   |
| Oct-29  | 102,149                           | 1,877,008                                   | 24.56  | 18.38  | 11,950                           | 1,023,800                                  | 114.53  | 85.68   |
| Nov-29  | 102,297                           | 1,035,921                                   | 13.54  | 10.13  | 11,967                           | 653,434                                    | 72.99   | 54.60   |
| Dec-29  | 102,445                           | 482,693                                     | 6.30   | 4.71   | 11,984                           | 428,000                                    | 47.74   | 35.71   |
| Jan-30  | 102,669                           | 296,842                                     | 3.87   | 2.89   | 12,001                           | 405,481                                    | 45.17   | 33.79   |
| Feb-30  | 102,817                           | 396,459                                     | 5.15   | 3.86   | 12,019                           | 408,598                                    | 45.45   | 34.00   |
| Mar-30  | 102,965                           | 310,112                                     | 4.03   | 3.01   | 12,036                           | 410,793                                    | 45.63   | 34.13   |
| Apr-30  | 103,114                           | 373,209                                     | 4.84   | 3.62   | 12,053                           | 411,650                                    | 45.66   | 34.15   |
| May-30  | 103,262                           | 405,689                                     | 5.25   | 3.93   | 12,071                           | 412,283                                    | 45.66   | 34.16   |
| Jun-30  | 103,410                           | 763,361                                     | 9.87   | 7.38   | 12,088                           | 526,747                                    | 58.25   | 43.58   |
| Jul-30  | 103,558                           | 1,425,049                                   | 18.40  | 13.76  | 12,105                           | 709,968                                    | 78.40   | 58.65   |
| Aug-30  | 103,709                           | 2,412,594                                   | 31.10  | 23.26  | 12,122                           | 1,045,182                                  | 115.27  | 86.22   |
| Sep-30  | 103,861                           | 2,461,432                                   | 31.68  | 23.70  | 12,138                           | 1,040,263                                  | 114.57  | 85.70   |
| Oct-30  | 104,012                           | 1,875,629                                   | 24.11  | 18.03  | 12,155                           | 1,032,231                                  | 113.53  | 84.92   |
| Nov-30  | 104,163                           | 1,007,586                                   | 12.93  | 9.67   | 12,171                           | 655,453                                    | 71.99   | 53.85   |

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Dec-30  | 104,315                           | 434,104                                     | 5.56   | 4.16   | 12,188                           | 425,678                                    | 46.69   | 34.93   |
| Jan-31  | 104,544                           | 265,913                                     | 3.40   | 2.54   | 12,205                           | 403,205                                    | 44.16   | 33.04   |
| Feb-31  | 104,696                           | 356,456                                     | 4.55   | 3.40   | 12,221                           | 406,345                                    | 44.45   | 33.25   |
| Mar-31  | 104,847                           | 279,443                                     | 3.56   | 2.67   | 12,238                           | 408,550                                    | 44.63   | 33.38   |
| Apr-31  | 104,999                           | 336,438                                     | 4.28   | 3.20   | 12,254                           | 409,393                                    | 44.66   | 33.41   |
| May-31  | 105,150                           | 356,136                                     | 4.53   | 3.39   | 12,271                           | 407,728                                    | 44.42   | 33.23   |
| Jun-31  | 105,302                           | 786,882                                     | 9.99   | 7.47   | 12,287                           | 539,797                                    | 58.73   | 43.93   |
| Jul-31  | 105,453                           | 1,457,962                                   | 18.48  | 13.83  | 12,304                           | 725,630                                    | 78.84   | 58.98   |
| Aug-31  | 105,606                           | 2,463,543                                   | 31.18  | 23.33  | 12,321                           | 1,066,367                                  | 115.70  | 86.55   |
| Sep-31  | 105,758                           | 2,513,232                                   | 31.77  | 23.76  | 12,338                           | 1,061,383                                  | 115.00  | 86.03   |
| Oct-31  | 105,910                           | 1,913,973                                   | 24.16  | 18.07  | 12,355                           | 1,052,433                                  | 113.87  | 85.18   |
| Nov-31  | 106,063                           | 1,031,410                                   | 13.00  | 9.72   | 12,372                           | 669,460                                    | 72.34   | 54.11   |
| Dec-31  | 106,215                           | 448,636                                     | 5.65   | 4.22   | 12,389                           | 436,067                                    | 47.05   | 35.20   |
| Jan-32  | 106,447                           | 274,947                                     | 3.45   | 2.58   | 12,406                           | 330,456                                    | 35.61   | 26.64   |
| Feb-32  | 106,599                           | 368,390                                     | 4.62   | 3.46   | 12,423                           | 395,456                                    | 42.55   | 31.83   |
| Mar-32  | 106,752                           | 288,713                                     | 3.62   | 2.70   | 12,440                           | 376,665                                    | 40.48   | 30.28   |
| Apr-32  | 106,904                           | 347,575                                     | 4.35   | 3.25   | 12,457                           | 398,412                                    | 42.76   | 31.98   |
| May-32  | 107,056                           | 371,493                                     | 4.64   | 3.47   | 12,474                           | 397,576                                    | 42.61   | 31.87   |
| Jun-32  | 107,209                           | 810,720                                     | 10.11  | 7.56   | 12,491                           | 548,053                                    | 58.65   | 43.88   |
| Jul-32  | 107,361                           | 1,491,190                                   | 18.57  | 13.89  | 12,508                           | 741,687                                    | 79.27   | 59.30   |
| Aug-32  | 107,516                           | 2,514,964                                   | 31.27  | 23.39  | 12,525                           | 1,088,053                                  | 116.13  | 86.87   |
| Sep-32  | 107,671                           | 2,565,553                                   | 31.85  | 23.83  | 12,542                           | 1,082,968                                  | 115.43  | 86.35   |
| Oct-32  | 107,827                           | 1,952,705                                   | 24.21  | 18.11  | 12,559                           | 965,740                                    | 102.80  | 76.90   |
| Nov-32  | 107,982                           | 1,055,511                                   | 13.07  | 9.77   | 12,576                           | 649,549                                    | 69.05   | 51.65   |
| Dec-32  | 108,137                           | 463,362                                     | 5.73   | 4.28   | 12,593                           | 433,887                                    | 46.06   | 34.45   |
| Jan-33  | 108,373                           | 284,105                                     | 3.50   | 2.62   | 12,610                           | 423,104                                    | 44.85   | 33.55   |
| Feb-33  | 108,528                           | 380,491                                     | 4.69   | 3.51   | 12,627                           | 426,351                                    | 45.14   | 33.76   |
| Mar-33  | 108,683                           | 298,117                                     | 3.67   | 2.74   | 12,644                           | 428,629                                    | 45.32   | 33.90   |
| Apr-33  | 108,838                           | 358,877                                     | 4.41   | 3.30   | 12,661                           | 429,502                                    | 45.35   | 33.92   |
| May-33  | 108,994                           | 387,126                                     | 4.75   | 3.55   | 12,678                           | 429,412                                    | 45.28   | 33.87   |
| Jun-33  | 109,149                           | 834,985                                     | 10.23  | 7.65   | 12,695                           | 566,601                                    | 59.66   | 44.63   |
| Jul-33  | 109,304                           | 1,525,026                                   | 18.65  | 13.95  | 12,712                           | 757,869                                    | 79.70   | 59.62   |
| Aug-33  | 109,460                           | 2,567,272                                   | 31.35  | 23.45  | 12,729                           | 1,109,876                                  | 116.56  | 87.19   |
| Sep-33  | 109,617                           | 2,618,722                                   | 31.94  | 23.89  | 12,747                           | 1,104,688                                  | 115.86  | 86.67   |
| Oct-33  | 109,773                           | 1,991,997                                   | 24.26  | 18.15  | 12,764                           | 1,093,773                                  | 114.56  | 85.69   |
| Nov-33  | 109,930                           | 1,079,889                                   | 13.13  | 9.82   | 12,781                           | 698,107                                    | 73.02   | 54.62   |
| Dec-33  | 110,086                           | 478,175                                     | 5.81   | 4.34   | 12,798                           | 457,311                                    | 47.77   | 35.73   |
| Jan-34  | 110,325                           | 293,299                                     | 3.55   | 2.66   | 12,815                           | 433,214                                    | 45.19   | 33.81   |
| Feb-34  | 110,481                           | 392,617                                     | 4.75   | 3.55   | 12,832                           | 436,504                                    | 45.47   | 34.02   |
| Mar-34  | 110,638                           | 307,522                                     | 3.72   | 2.78   | 12,849                           | 438,811                                    | 45.65   | 34.15   |
| Apr-34  | 110,794                           | 370,159                                     | 4.47   | 3.34   | 12,866                           | 439,689                                    | 45.68   | 34.17   |
| May-34  | 110,951                           | 402,759                                     | 4.85   | 3.63   | 12,884                           | 440,395                                    | 45.70   | 34.18   |
| Jun-34  | 111,107                           | 782,856                                     | 9.42   | 7.05   | 12,901                           | 562,168                                    | 58.25   | 43.58   |
| Jul-34  | 111,264                           | 1,504,428                                   | 18.08  | 13.52  | 12,918                           | 757,643                                    | 78.41   | 58.65   |
| Aug-34  | 111,422                           | 2,565,380                                   | 30.78  | 23.02  | 12,935                           | 1,115,343                                  | 115.27  | 86.23   |
| Sep-34  | 111,580                           | 2,617,769                                   | 31.36  | 23.46  | 12,952                           | 1,110,076                                  | 114.57  | 85.71   |
| Oct-34  | 111,738                           | 1,988,855                                   | 23.79  | 17.80  | 12,969                           | 1,101,474                                  | 113.53  | 84.93   |
| Nov-34  | 111,896                           | 1,047,793                                   | 12.52  | 9.36   | 12,987                           | 699,435                                    | 72.00   | 53.86   |
| Dec-34  | 112,054                           | 424,296                                     | 5.06   | 3.79   | 13,004                           | 454,273                                    | 46.70   | 34.93   |
| Jan-35  | 112,295                           | 259,033                                     | 3.08   | 2.31   | 13,021                           | 430,292                                    | 44.18   | 33.05   |
| Feb-35  | 112,453                           | 348,315                                     | 4.14   | 3.10   | 13,038                           | 433,645                                    | 44.46   | 33.26   |
| Mar-35  | 112,611                           | 273,573                                     | 3.25   | 2.43   | 13,056                           | 435,998                                    | 44.64   | 33.40   |
| Apr-35  | 112,769                           | 329,478                                     | 3.91   | 2.92   | 13,073                           | 436,899                                    | 44.68   | 33.42   |
| May-35  | 112,927                           | 348,168                                     | 4.12   | 3.08   | 13,090                           | 435,167                                    | 44.44   | 33.24   |

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-35  | 113,085                           | 808,137                                     | 9.55   | 7.15   | 13,107                           | 576,075                                    | 58.75   | 43.95   |
| Jul-35  | 113,244                           | 1,539,330                                   | 18.17  | 13.59  | 13,125                           | 774,283                                    | 78.86   | 58.99   |
| Aug-35  | 113,404                           | 2,619,113                                   | 30.87  | 23.10  | 13,142                           | 1,137,672                                  | 115.73  | 86.57   |
| Sep-35  | 113,565                           | 2,672,389                                   | 31.46  | 23.53  | 13,159                           | 1,132,281                                  | 115.03  | 86.05   |
| Oct-35  | 113,725                           | 2,029,176                                   | 23.85  | 17.84  | 13,176                           | 1,122,606                                  | 113.90  | 85.20   |
| Nov-35  | 113,886                           | 1,072,945                                   | 12.59  | 9.42   | 13,193                           | 714,134                                    | 72.36   | 54.13   |
| Dec-35  | 114,046                           | 439,710                                     | 5.15   | 3.86   | 13,210                           | 465,231                                    | 47.08   | 35.22   |
| Jan-36  | 114,292                           | 268,590                                     | 3.14   | 2.35   | 13,228                           | 440,671                                    | 44.54   | 33.31   |
| Feb-36  | 114,452                           | 360,901                                     | 4.22   | 3.15   | 13,245                           | 444,058                                    | 44.82   | 33.53   |
| Mar-36  | 114,613                           | 283,321                                     | 3.30   | 2.47   | 13,262                           | 446,429                                    | 45.00   | 33.66   |
| Apr-36  | 114,774                           | 341,156                                     | 3.97   | 2.97   | 13,279                           | 447,324                                    | 45.03   | 33.69   |
| May-36  | 114,934                           | 364,428                                     | 4.24   | 3.17   | 13,296                           | 446,428                                    | 44.88   | 33.58   |
| Jun-36  | 115,095                           | 833,290                                     | 9.68   | 7.24   | 13,313                           | 589,926                                    | 59.23   | 44.31   |
| Jul-36  | 115,256                           | 1,574,351                                   | 18.26  | 13.66  | 13,331                           | 790,823                                    | 79.30   | 59.32   |
| Aug-36  | 115,420                           | 2,673,324                                   | 30.96  | 23.16  | 13,347                           | 1,159,864                                  | 116.17  | 86.90   |
| Sep-36  | 115,585                           | 2,727,552                                   | 31.55  | 23.60  | 13,364                           | 1,154,340                                  | 115.47  | 86.37   |
| Oct-36  | 115,749                           | 2,069,892                                   | 23.91  | 17.88  | 13,381                           | 1,143,590                                  | 114.25  | 85.46   |
| Nov-36  | 115,913                           | 1,098,131                                   | 12.66  | 9.47   | 13,398                           | 728,726                                    | 72.71   | 54.39   |
| Dec-36  | 116,078                           | 454,904                                     | 5.24   | 3.92   | 13,415                           | 476,110                                    | 47.44   | 35.49   |
| Jan-37  | 116,329                           | 278,020                                     | 3.19   | 2.39   | 13,432                           | 450,975                                    | 44.88   | 33.57   |
| Feb-37  | 116,494                           | 373,349                                     | 4.28   | 3.20   | 13,449                           | 454,393                                    | 45.17   | 33.79   |
| Mar-37  | 116,658                           | 292,982                                     | 3.36   | 2.51   | 13,466                           | 456,780                                    | 45.35   | 33.92   |
| Apr-37  | 116,823                           | 352,751                                     | 4.04   | 3.02   | 13,483                           | 457,669                                    | 45.38   | 33.94   |
| May-37  | 116,987                           | 380,642                                     | 4.35   | 3.25   | 13,500                           | 457,609                                    | 45.31   | 33.90   |
| Jun-37  | 117,152                           | 858,604                                     | 9.80   | 7.33   | 13,517                           | 603,667                                    | 59.70   | 44.66   |
| Jul-37  | 117,317                           | 1,609,925                                   | 18.34  | 13.72  | 13,533                           | 807,203                                    | 79.73   | 59.64   |
| Aug-37  | 117,483                           | 2,728,502                                   | 31.05  | 23.22  | 13,551                           | 1,181,853                                  | 116.59  | 87.22   |
| Sep-37  | 117,649                           | 2,783,651                                   | 31.63  | 23.66  | 13,568                           | 1,176,237                                  | 115.89  | 86.69   |
| Oct-37  | 117,815                           | 2,111,227                                   | 23.96  | 17.92  | 13,585                           | 1,164,449                                  | 114.59  | 85.72   |
| Nov-37  | 117,982                           | 1,123,515                                   | 12.73  | 9.52   | 13,602                           | 743,269                                    | 73.05   | 54.64   |
| Dec-37  | 118,148                           | 470,024                                     | 5.32   | 3.98   | 13,619                           | 486,980                                    | 47.80   | 35.76   |
| Jan-38  | 118,402                           | 287,394                                     | 3.24   | 2.43   | 13,636                           | 461,285                                    | 45.22   | 33.83   |
| Feb-38  | 118,569                           | 385,719                                     | 4.35   | 3.25   | 13,653                           | 464,750                                    | 45.50   | 34.04   |
| Mar-38  | 118,735                           | 302,579                                     | 3.41   | 2.55   | 13,670                           | 467,168                                    | 45.68   | 34.17   |
| Apr-38  | 118,901                           | 364,262                                     | 4.10   | 3.06   | 13,688                           | 468,066                                    | 45.71   | 34.20   |
| May-38  | 119,068                           | 396,791                                     | 4.45   | 3.33   | 13,705                           | 468,860                                    | 45.73   | 34.21   |
| Jun-38  | 119,234                           | 800,060                                     | 8.97   | 6.71   | 13,722                           | 597,952                                    | 58.25   | 43.58   |
| Jul-38  | 119,401                           | 1,585,801                                   | 17.75  | 13.28  | 13,739                           | 805,808                                    | 78.41   | 58.65   |
| Aug-38  | 119,568                           | 2,724,222                                   | 30.46  | 22.78  | 13,756                           | 1,186,160                                  | 115.27  | 86.23   |
| Sep-38  | 119,736                           | 2,780,321                                   | 31.04  | 23.22  | 13,774                           | 1,180,473                                  | 114.57  | 85.70   |
| Oct-38  | 119,903                           | 2,105,924                                   | 23.48  | 17.56  | 13,791                           | 1,171,245                                  | 113.53  | 84.93   |
| Nov-38  | 120,071                           | 1,086,752                                   | 12.10  | 9.05   | 13,809                           | 743,675                                    | 71.99   | 53.86   |
| Dec-38  | 120,238                           | 409,490                                     | 4.55   | 3.41   | 13,826                           | 482,955                                    | 46.70   | 34.93   |
| Jan-39  | 120,495                           | 248,874                                     | 2.76   | 2.07   | 13,844                           | 457,423                                    | 44.17   | 33.04   |
| Feb-39  | 120,663                           | 335,861                                     | 3.72   | 2.78   | 13,861                           | 460,950                                    | 44.46   | 33.26   |
| Mar-39  | 120,831                           | 264,332                                     | 2.92   | 2.19   | 13,879                           | 463,414                                    | 44.64   | 33.39   |
| Apr-39  | 120,999                           | 318,390                                     | 3.52   | 2.63   | 13,896                           | 464,334                                    | 44.67   | 33.42   |
| May-39  | 121,166                           | 335,339                                     | 3.70   | 2.77   | 13,913                           | 462,437                                    | 44.43   | 33.24   |
| Jun-39  | 121,334                           | 825,808                                     | 9.10   | 6.81   | 13,931                           | 612,149                                    | 58.74   | 43.94   |
| Jul-39  | 121,502                           | 1,622,028                                   | 17.85  | 13.35  | 13,948                           | 822,757                                    | 78.85   | 58.99   |
| Aug-39  | 121,665                           | 2,780,293                                   | 30.55  | 22.85  | 13,966                           | 1,208,896                                  | 115.71  | 86.56   |
| Sep-39  | 121,828                           | 2,837,187                                   | 31.13  | 23.29  | 13,984                           | 1,203,113                                  | 115.02  | 86.04   |
| Oct-39  | 121,992                           | 2,147,637                                   | 23.53  | 17.60  | 14,001                           | 1,192,804                                  | 113.89  | 85.19   |
| Nov-39  | 122,155                           | 1,112,266                                   | 12.17  | 9.11   | 14,019                           | 758,717                                    | 72.35   | 54.12   |

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Dec-39  | 122,318                           | 424,624                                     | 4.64   | 3.47   | 14,037                           | 494,207                                    | 47.07   | 35.21   |
| Jan-40  | 122,573                           | 258,242                                     | 2.82   | 2.11   | 14,054                           | 468,095                                    | 44.52   | 33.31   |
| Feb-40  | 122,736                           | 348,205                                     | 3.79   | 2.84   | 14,072                           | 471,670                                    | 44.81   | 33.52   |
| Mar-40  | 122,900                           | 273,894                                     | 2.98   | 2.23   | 14,090                           | 474,166                                    | 44.99   | 33.65   |
| Apr-40  | 123,063                           | 329,841                                     | 3.58   | 2.68   | 14,107                           | 475,095                                    | 45.02   | 33.68   |
| May-40  | 123,227                           | 351,560                                     | 3.81   | 2.85   | 14,125                           | 474,087                                    | 44.87   | 33.56   |
| Jun-40  | 123,390                           | 851,098                                     | 9.22   | 6.90   | 14,143                           | 626,483                                    | 59.22   | 44.30   |
| Jul-40  | 123,554                           | 1,657,467                                   | 17.93  | 13.41  | 14,160                           | 839,869                                    | 79.29   | 59.31   |
| Aug-40  | 123,728                           | 2,835,544                                   | 30.64  | 22.92  | 14,178                           | 1,231,875                                  | 116.15  | 86.89   |
| Sep-40  | 123,903                           | 2,893,655                                   | 31.22  | 23.35  | 14,196                           | 1,226,004                                  | 115.45  | 86.36   |
| Oct-40  | 124,077                           | 2,189,334                                   | 23.59  | 17.64  | 14,213                           | 1,214,605                                  | 114.24  | 85.46   |
| Nov-40  | 124,251                           | 1,138,027                                   | 12.24  | 9.16   | 14,231                           | 773,947                                    | 72.70   | 54.38   |
| Dec-40  | 124,426                           | 440,120                                     | 4.73   | 3.54   | 14,249                           | 505,632                                    | 47.44   | 35.49   |
| Jan-41  | 124,693                           | 267,934                                     | 2.87   | 2.15   | 14,266                           | 383,156                                    | 35.90   | 26.86   |
| Feb-41  | 124,867                           | 361,101                                     | 3.87   | 2.89   | 14,284                           | 458,453                                    | 42.91   | 32.10   |
| Mar-41  | 125,042                           | 283,982                                     | 3.04   | 2.27   | 14,302                           | 436,611                                    | 40.81   | 30.53   |
| Apr-41  | 125,216                           | 342,041                                     | 3.65   | 2.73   | 14,320                           | 461,770                                    | 43.11   | 32.25   |
| May-41  | 125,391                           | 368,956                                     | 3.93   | 2.94   | 14,337                           | 461,720                                    | 43.05   | 32.20   |
| Jun-41  | 125,565                           | 878,266                                     | 9.35   | 6.99   | 14,355                           | 635,269                                    | 59.16   | 44.25   |
| Jul-41  | 125,740                           | 1,695,540                                   | 18.03  | 13.48  | 14,373                           | 857,311                                    | 79.74   | 59.65   |
| Aug-41  | 125,918                           | 2,894,439                                   | 30.73  | 22.99  | 14,390                           | 1,255,166                                  | 116.60  | 87.22   |
| Sep-41  | 126,097                           | 2,953,555                                   | 31.31  | 23.42  | 14,408                           | 1,249,178                                  | 115.90  | 86.70   |
| Oct-41  | 126,275                           | 2,233,389                                   | 23.64  | 17.69  | 14,426                           | 1,112,954                                  | 103.13  | 77.15   |
| Nov-41  | 126,454                           | 1,165,135                                   | 12.32  | 9.21   | 14,444                           | 749,882                                    | 69.40   | 51.92   |
| Dec-41  | 126,632                           | 456,296                                     | 4.82   | 3.60   | 14,461                           | 502,425                                    | 46.44   | 34.74   |
| Jan-42  | 126,905                           | 277,952                                     | 2.93   | 2.19   | 14,479                           | 489,910                                    | 45.23   | 33.84   |
| Feb-42  | 127,083                           | 374,305                                     | 3.94   | 2.95   | 14,497                           | 493,585                                    | 45.52   | 34.05   |
| Mar-42  | 127,262                           | 294,214                                     | 3.09   | 2.31   | 14,515                           | 496,149                                    | 45.70   | 34.18   |
| Apr-42  | 127,440                           | 354,300                                     | 3.72   | 2.78   | 14,532                           | 497,098                                    | 45.73   | 34.21   |
| May-42  | 127,619                           | 386,314                                     | 4.05   | 3.03   | 14,550                           | 497,976                                    | 45.75   | 34.22   |
| Jun-42  | 127,797                           | 814,575                                     | 8.52   | 6.37   | 14,568                           | 634,819                                    | 58.25   | 43.58   |
| Jul-42  | 127,976                           | 1,669,024                                   | 17.43  | 13.04  | 14,586                           | 855,479                                    | 78.41   | 58.65   |
| Aug-42  | 128,158                           | 2,889,273                                   | 30.14  | 22.54  | 14,603                           | 1,259,220                                  | 115.27  | 86.23   |
| Sep-42  | 128,341                           | 2,949,471                                   | 30.72  | 22.98  | 14,621                           | 1,253,134                                  | 114.57  | 85.71   |
| Oct-42  | 128,523                           | 2,227,236                                   | 23.17  | 17.33  | 14,639                           | 1,243,279                                  | 113.53  | 84.93   |
| Nov-42  | 128,706                           | 1,124,984                                   | 11.68  | 8.74   | 14,657                           | 789,400                                    | 72.00   | 53.86   |
| Dec-42  | 128,888                           | 390,413                                     | 4.05   | 3.03   | 14,675                           | 512,657                                    | 46.70   | 34.94   |
| Jan-43  | 129,167                           | 236,033                                     | 2.44   | 1.83   | 14,692                           | 485,541                                    | 44.18   | 33.05   |
| Feb-43  | 129,349                           | 320,051                                     | 3.31   | 2.47   | 14,710                           | 489,271                                    | 44.46   | 33.26   |
| Mar-43  | 129,532                           | 252,598                                     | 2.61   | 1.95   | 14,728                           | 491,872                                    | 44.65   | 33.40   |
| Apr-43  | 129,715                           | 304,392                                     | 3.14   | 2.35   | 14,746                           | 492,835                                    | 44.68   | 33.42   |
| May-43  | 129,897                           | 319,606                                     | 3.29   | 2.46   | 14,764                           | 490,836                                    | 44.44   | 33.25   |
| Jun-43  | 130,080                           | 842,368                                     | 8.66   | 6.48   | 14,781                           | 649,691                                    | 58.76   | 43.95   |
| Jul-43  | 130,263                           | 1,708,295                                   | 17.53  | 13.11  | 14,799                           | 873,113                                    | 78.87   | 59.00   |
| Aug-43  | 130,449                           | 2,950,355                                   | 30.23  | 22.62  | 14,817                           | 1,282,747                                  | 115.73  | 86.57   |
| Sep-43  | 130,636                           | 3,011,638                                   | 30.82  | 23.05  | 14,835                           | 1,276,553                                  | 115.03  | 86.05   |
| Oct-43  | 130,823                           | 2,272,920                                   | 23.23  | 17.37  | 14,853                           | 1,265,514                                  | 113.90  | 85.20   |
| Nov-43  | 131,009                           | 1,152,847                                   | 11.76  | 8.80   | 14,871                           | 804,996                                    | 72.37   | 54.13   |
| Dec-43  | 131,196                           | 406,778                                     | 4.14   | 3.10   | 14,888                           | 524,411                                    | 47.09   | 35.22   |
| Jan-44  | 131,480                           | 246,186                                     | 2.50   | 1.87   | 14,906                           | 496,688                                    | 44.54   | 33.32   |
| Feb-44  | 131,667                           | 333,472                                     | 3.39   | 2.53   | 14,924                           | 500,463                                    | 44.83   | 33.53   |
| Mar-44  | 131,854                           | 263,027                                     | 2.67   | 1.99   | 14,942                           | 503,094                                    | 45.01   | 33.67   |
| Apr-44  | 132,041                           | 316,917                                     | 3.21   | 2.40   | 14,960                           | 504,063                                    | 45.04   | 33.69   |
| May-44  | 132,227                           | 337,467                                     | 3.41   | 2.55   | 14,978                           | 503,045                                    | 44.90   | 33.59   |

Forecast Data

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| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-44  | 132,414                           | 870,527                                     | 8.79   | 6.57   | 14,996                           | 664,652                                    | 59.25   | 44.32   |
| Jul-44  | 132,601                           | 1,748,265                                   | 17.63  | 13.18  | 15,013                           | 890,840                                    | 79.32   | 59.34   |
| Aug-44  | 132,792                           | 3,012,625                                   | 30.33  | 22.69  | 15,031                           | 1,306,383                                  | 116.18  | 86.91   |
| Sep-44  | 132,983                           | 3,075,012                                   | 30.91  | 23.12  | 15,049                           | 1,300,079                                  | 115.48  | 86.39   |
| Oct-44  | 133,174                           | 2,319,456                                   | 23.28  | 17.42  | 15,067                           | 1,287,845                                  | 114.26  | 85.47   |
| Nov-44  | 133,365                           | 1,181,098                                   | 11.84  | 8.86   | 15,085                           | 820,665                                    | 72.73   | 54.40   |
| Dec-44  | 133,556                           | 423,213                                     | 4.24   | 3.17   | 15,103                           | 536,227                                    | 47.46   | 35.50   |
| Jan-45  | 133,846                           | 256,375                                     | 2.56   | 1.92   | 15,121                           | 507,893                                    | 44.90   | 33.59   |
| Feb-45  | 134,037                           | 346,941                                     | 3.46   | 2.59   | 15,139                           | 511,714                                    | 45.19   | 33.80   |
| Mar-45  | 134,228                           | 273,491                                     | 2.72   | 2.04   | 15,157                           | 514,373                                    | 45.37   | 33.94   |
| Apr-45  | 134,419                           | 329,479                                     | 3.28   | 2.45   | 15,175                           | 515,347                                    | 45.40   | 33.96   |
| May-45  | 134,610                           | 355,428                                     | 3.53   | 2.64   | 15,192                           | 515,317                                    | 45.34   | 33.92   |
| Jun-45  | 134,801                           | 898,988                                     | 8.92   | 6.67   | 15,210                           | 679,684                                    | 59.74   | 44.69   |
| Jul-45  | 134,992                           | 1,788,894                                   | 17.72  | 13.25  | 15,228                           | 908,643                                    | 79.76   | 59.67   |
| Aug-45  | 135,187                           | 3,076,055                                   | 30.42  | 22.75  | 15,246                           | 1,330,114                                  | 116.63  | 87.24   |
| Sep-45  | 135,383                           | 3,139,571                                   | 31.00  | 23.19  | 15,264                           | 1,323,699                                  | 115.93  | 86.72   |
| Oct-45  | 135,578                           | 2,366,829                                   | 23.34  | 17.46  | 15,282                           | 1,310,262                                  | 114.62  | 85.74   |
| Nov-45  | 135,773                           | 1,209,706                                   | 11.91  | 8.91   | 15,300                           | 836,401                                    | 73.08   | 54.67   |
| Dec-45  | 135,968                           | 439,682                                     | 4.32   | 3.23   | 15,318                           | 548,099                                    | 47.83   | 35.78   |
| Jan-46  | 136,264                           | 266,581                                     | 2.62   | 1.96   | 15,336                           | 519,150                                    | 45.25   | 33.85   |
| Feb-46  | 136,460                           | 360,437                                     | 3.53   | 2.64   | 15,354                           | 523,016                                    | 45.54   | 34.06   |
| Mar-46  | 136,655                           | 283,978                                     | 2.78   | 2.08   | 15,372                           | 525,705                                    | 45.72   | 34.20   |
| Apr-46  | 136,850                           | 342,070                                     | 3.34   | 2.50   | 15,390                           | 526,683                                    | 45.75   | 34.22   |
| May-46  | 137,046                           | 373,486                                     | 3.64   | 2.73   | 15,408                           | 527,649                                    | 45.78   | 34.25   |
| Jun-46  | 137,241                           | 828,661                                     | 8.07   | 6.04   | 15,426                           | 672,212                                    | 58.25   | 43.58   |
| Jul-46  | 137,437                           | 1,759,434                                   | 17.11  | 12.80  | 15,444                           | 905,823                                    | 78.41   | 58.65   |
| Aug-46  | 137,636                           | 3,069,928                                   | 29.82  | 22.30  | 15,462                           | 1,333,252                                  | 115.27  | 86.23   |
| Sep-46  | 137,836                           | 3,134,618                                   | 30.40  | 22.74  | 15,480                           | 1,326,738                                  | 114.57  | 85.71   |
| Oct-46  | 138,035                           | 2,359,626                                   | 22.85  | 17.09  | 15,498                           | 1,316,234                                  | 113.53  | 84.93   |
| Nov-46  | 138,235                           | 1,165,174                                   | 11.27  | 8.43   | 15,516                           | 835,680                                    | 72.00   | 53.86   |
| Dec-46  | 138,435                           | 366,874                                     | 3.54   | 2.65   | 15,534                           | 542,687                                    | 46.70   | 34.94   |
| Jan-47  | 138,737                           | 220,252                                     | 2.12   | 1.59   | 15,552                           | 513,956                                    | 44.18   | 33.05   |
| Feb-47  | 138,937                           | 300,464                                     | 2.89   | 2.16   | 15,570                           | 517,878                                    | 44.46   | 33.26   |
| Mar-47  | 139,136                           | 237,969                                     | 2.29   | 1.71   | 15,588                           | 520,604                                    | 44.65   | 33.40   |
| Apr-47  | 139,336                           | 286,885                                     | 2.75   | 2.06   | 15,606                           | 521,597                                    | 44.68   | 33.42   |
| May-47  | 139,536                           | 299,851                                     | 2.87   | 2.15   | 15,624                           | 519,458                                    | 44.45   | 33.25   |
| Jun-47  | 139,736                           | 858,020                                     | 8.21   | 6.14   | 15,642                           | 687,538                                    | 58.76   | 43.95   |
| Jul-47  | 139,936                           | 1,801,620                                   | 17.21  | 12.87  | 15,660                           | 923,921                                    | 78.87   | 59.00   |
| Aug-47  | 140,140                           | 3,135,944                                   | 29.91  | 22.38  | 15,678                           | 1,357,314                                  | 115.73  | 86.57   |
| Sep-47  | 140,344                           | 3,201,812                                   | 30.50  | 22.81  | 15,696                           | 1,350,689                                  | 115.03  | 86.05   |
| Oct-47  | 140,548                           | 2,408,873                                   | 22.91  | 17.14  | 15,714                           | 1,338,937                                  | 113.90  | 85.21   |
| Nov-47  | 140,752                           | 1,194,722                                   | 11.35  | 8.49   | 15,732                           | 851,661                                    | 72.37   | 54.13   |
| Dec-47  | 140,956                           | 383,658                                     | 3.64   | 2.72   | 15,750                           | 554,787                                    | 47.09   | 35.22   |
| Jan-48  | 141,265                           | 230,646                                     | 2.18   | 1.63   | 15,769                           | 525,431                                    | 44.54   | 33.32   |
| Feb-48  | 141,469                           | 314,215                                     | 2.97   | 2.22   | 15,787                           | 529,398                                    | 44.83   | 33.53   |
| Mar-48  | 141,673                           | 248,656                                     | 2.35   | 1.76   | 15,805                           | 532,153                                    | 45.01   | 33.67   |
| Apr-48  | 141,877                           | 299,716                                     | 2.82   | 2.11   | 15,823                           | 533,151                                    | 45.04   | 33.70   |
| May-48  | 142,082                           | 318,355                                     | 3.00   | 2.24   | 15,841                           | 532,050                                    | 44.90   | 33.59   |
| Jun-48  | 142,286                           | 887,690                                     | 8.34   | 6.24   | 15,859                           | 702,935                                    | 59.25   | 44.32   |
| Jul-48  | 142,490                           | 1,844,500                                   | 17.30  | 12.94  | 15,877                           | 942,097                                    | 79.32   | 59.34   |
| Aug-48  | 142,699                           | 3,203,182                                   | 30.01  | 22.45  | 15,895                           | 1,381,455                                  | 116.18  | 86.91   |
| Sep-48  | 142,907                           | 3,270,254                                   | 30.59  | 22.88  | 15,913                           | 1,374,701                                  | 115.49  | 86.39   |
| Oct-48  | 143,116                           | 2,458,997                                   | 22.97  | 17.18  | 15,931                           | 1,361,676                                  | 114.26  | 85.47   |
| Nov-48  | 143,325                           | 1,224,641                                   | 11.42  | 8.54   | 15,949                           | 867,663                                    | 72.73   | 54.40   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Dec-48  | 143,533                           | 400,468                                     | 3.73   | 2.79   | 15,967                           | 566,905                                    | 47.46   | 35.51   |
| Jan-49  | 143,848                           | 241,052                                     | 2.24   | 1.68   | 15,985                           | 536,916                                    | 44.90   | 33.59   |
| Feb-49  | 144,057                           | 327,985                                     | 3.04   | 2.28   | 16,002                           | 540,921                                    | 45.19   | 33.80   |
| Mar-49  | 144,266                           | 259,360                                     | 2.40   | 1.80   | 16,020                           | 543,699                                    | 45.37   | 33.94   |
| Apr-49  | 144,475                           | 312,568                                     | 2.89   | 2.16   | 16,038                           | 544,694                                    | 45.40   | 33.96   |
| May-49  | 144,683                           | 336,952                                     | 3.11   | 2.33   | 16,056                           | 544,632                                    | 45.34   | 33.92   |
| Jun-49  | 144,892                           | 917,675                                     | 8.47   | 6.33   | 16,074                           | 718,301                                    | 59.74   | 44.69   |
| Jul-49  | 145,101                           | 1,888,084                                   | 17.39  | 13.01  | 16,092                           | 960,202                                    | 79.77   | 59.67   |
| Aug-49  | 145,314                           | 3,271,663                                   | 30.10  | 22.51  | 16,110                           | 1,405,495                                  | 116.63  | 87.24   |
| Sep-49  | 145,528                           | 3,339,964                                   | 30.68  | 22.95  | 16,128                           | 1,398,630                                  | 115.93  | 86.72   |
| Oct-49  | 145,741                           | 2,510,013                                   | 23.02  | 17.22  | 16,146                           | 1,384,343                                  | 114.62  | 85.74   |
| Nov-49  | 145,954                           | 1,254,934                                   | 11.49  | 8.60   | 16,164                           | 883,640                                    | 73.08   | 54.67   |
| Dec-49  | 146,168                           | 417,302                                     | 3.82   | 2.85   | 16,182                           | 579,024                                    | 47.83   | 35.78   |
| Jan-50  | 146,489                           | 251,467                                     | 2.29   | 1.72   | 16,200                           | 438,727                                    | 36.20   | 27.08   |
| Feb-50  | 146,702                           | 341,773                                     | 3.11   | 2.33   | 16,218                           | 524,836                                    | 43.26   | 32.36   |
| Mar-50  | 146,916                           | 270,081                                     | 2.46   | 1.84   | 16,236                           | 499,738                                    | 41.15   | 30.78   |
| Apr-50  | 147,129                           | 325,438                                     | 2.96   | 2.21   | 16,254                           | 528,451                                    | 43.46   | 32.51   |
| May-50  | 147,343                           | 355,643                                     | 3.23   | 2.41   | 16,272                           | 529,391                                    | 43.49   | 32.53   |
| Jun-50  | 147,556                           | 886,483                                     | 8.03   | 6.01   | 16,290                           | 713,355                                    | 58.54   | 43.79   |
| Jul-50  | 147,770                           | 1,888,469                                   | 17.08  | 12.78  | 16,308                           | 965,760                                    | 79.17   | 59.22   |
| Aug-50  | 147,988                           | 3,297,504                                   | 29.79  | 22.28  | 16,326                           | 1,417,012                                  | 116.03  | 86.80   |
| Sep-50  | 148,206                           | 3,367,074                                   | 30.37  | 22.72  | 16,344                           | 1,410,043                                  | 115.33  | 86.27   |
| Oct-50  | 148,424                           | 2,527,534                                   | 22.76  | 17.03  | 16,362                           | 1,257,314                                  | 102.72  | 76.84   |
| Nov-50  | 148,642                           | 1,239,985                                   | 11.15  | 8.34   | 16,380                           | 845,128                                    | 68.97   | 51.59   |
| Dec-50  | 148,860                           | 378,724                                     | 3.40   | 2.54   | 16,398                           | 564,038                                    | 45.98   | 34.40   |
| Jan-51  | 149,187                           | 226,790                                     | 2.03   | 1.52   | 16,416                           | 549,892                                    | 44.78   | 33.50   |
| Feb-51  | 149,406                           | 309,959                                     | 2.77   | 2.07   | 16,434                           | 553,994                                    | 45.06   | 33.71   |
| Mar-51  | 149,624                           | 245,734                                     | 2.20   | 1.64   | 16,452                           | 556,835                                    | 45.25   | 33.85   |
| Apr-51  | 149,842                           | 296,240                                     | 2.64   | 1.98   | 16,470                           | 557,845                                    | 45.28   | 33.87   |
| May-51  | 150,060                           | 317,450                                     | 2.83   | 2.12   | 16,488                           | 557,390                                    | 45.19   | 33.81   |
| Jun-51  | 150,278                           | 917,267                                     | 8.16   | 6.10   | 16,506                           | 735,546                                    | 59.57   | 44.56   |
| Jul-51  | 150,497                           | 1,933,608                                   | 17.18  | 12.85  | 16,524                           | 984,099                                    | 79.61   | 59.55   |
| Aug-51  | 150,719                           | 3,368,645                                   | 29.88  | 22.35  | 16,542                           | 1,441,319                                  | 116.47  | 87.13   |
| Sep-51  | 150,942                           | 3,439,499                                   | 30.46  | 22.79  | 16,561                           | 1,434,239                                  | 115.78  | 86.61   |
| Oct-51  | 151,165                           | 2,580,462                                   | 22.82  | 17.07  | 16,579                           | 1,419,916                                  | 114.49  | 85.65   |
| Nov-51  | 151,388                           | 1,271,156                                   | 11.22  | 8.40   | 16,597                           | 905,781                                    | 72.96   | 54.58   |
| Dec-51  | 151,611                           | 395,736                                     | 3.49   | 2.61   | 16,615                           | 592,923                                    | 47.71   | 35.69   |
| Jan-52  | 151,945                           | 237,307                                     | 2.09   | 1.56   | 16,633                           | 561,553                                    | 45.13   | 33.76   |
| Feb-52  | 152,168                           | 323,890                                     | 2.85   | 2.13   | 16,651                           | 565,700                                    | 45.42   | 33.97   |
| Mar-52  | 152,391                           | 256,569                                     | 2.25   | 1.68   | 16,669                           | 568,569                                    | 45.60   | 34.11   |
| Apr-52  | 152,614                           | 309,247                                     | 2.71   | 2.03   | 16,687                           | 569,583                                    | 45.63   | 34.13   |
| May-52  | 152,837                           | 336,470                                     | 2.94   | 2.20   | 16,705                           | 570,211                                    | 45.63   | 34.13   |
| Jun-52  | 153,060                           | 948,376                                     | 8.28   | 6.20   | 16,723                           | 751,193                                    | 60.05   | 44.92   |
| Jul-52  | 153,283                           | 1,979,485                                   | 17.26  | 12.91  | 16,741                           | 1,002,506                                  | 80.05   | 59.88   |
| Aug-52  | 153,511                           | 3,441,091                                   | 29.97  | 22.42  | 16,760                           | 1,465,713                                  | 116.91  | 87.46   |
| Sep-52  | 153,738                           | 3,513,255                                   | 30.55  | 22.85  | 16,778                           | 1,458,520                                  | 116.21  | 86.93   |
| Oct-52  | 153,966                           | 2,634,324                                   | 22.87  | 17.11  | 16,796                           | 1,442,897                                  | 114.84  | 85.91   |
| Nov-52  | 154,194                           | 1,302,712                                   | 11.29  | 8.45   | 16,814                           | 922,011                                    | 73.31   | 54.84   |
| Dec-52  | 154,422                           | 412,761                                     | 3.57   | 2.67   | 16,832                           | 605,267                                    | 48.07   | 35.96   |
| Jan-53  | 154,763                           | 247,827                                     | 2.14   | 1.60   | 16,850                           | 573,259                                    | 45.48   | 34.02   |
| Feb-53  | 154,991                           | 337,829                                     | 2.91   | 2.18   | 16,868                           | 577,451                                    | 45.76   | 34.23   |
| Mar-53  | 155,219                           | 267,413                                     | 2.30   | 1.72   | 16,887                           | 580,348                                    | 45.94   | 34.37   |
| Apr-53  | 155,447                           | 322,266                                     | 2.77   | 2.07   | 16,905                           | 581,367                                    | 45.97   | 34.39   |
| May-53  | 155,675                           | 355,580                                     | 3.05   | 2.28   | 16,923                           | 583,082                                    | 46.06   | 34.46   |

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

**Monthly Number of Customers and Water Sales Statistics**

| <b>Month</b> | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
|--------------|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| Jun-53       | 155,902                           | 979,815                                     | 8.40   | 6.28   | 16,941                           | 766,900                                    | 60.52   | 45.27   |
| Jul-53       | 156,130                           | 2,026,112                                   | 17.35  | 12.98  | 16,959                           | 1,020,980                                  | 80.48   | 60.20   |
| Aug-53       | 156,363                           | 3,514,864                                   | 30.05  | 22.48  | 16,977                           | 1,490,192                                  | 117.34  | 87.78   |
| Sep-53       | 156,596                           | 3,588,368                                   | 30.63  | 22.91  | 16,996                           | 1,482,886                                  | 116.64  | 87.25   |
| Oct-53       | 156,828                           | 2,689,135                                   | 22.92  | 17.15  | 17,014                           | 1,465,956                                  | 115.18  | 86.16   |
| Nov-53       | 157,061                           | 1,334,658                                   | 11.36  | 8.50   | 17,032                           | 938,300                                    | 73.65   | 55.09   |
| Dec-53       | 157,294                           | 429,797                                     | 3.65   | 2.73   | 17,050                           | 617,658                                    | 48.43   | 36.23   |
| Jan-54       | 157,642                           | 258,347                                     | 2.19   | 1.64   | 17,068                           | 585,009                                    | 45.82   | 34.27   |
| Feb-54       | 157,875                           | 351,774                                     | 2.98   | 2.23   | 17,087                           | 589,247                                    | 46.10   | 34.49   |
| Mar-54       | 158,108                           | 278,264                                     | 2.35   | 1.76   | 17,105                           | 592,172                                    | 46.28   | 34.62   |
| Apr-54       | 158,341                           | 335,293                                     | 2.83   | 2.12   | 17,123                           | 593,195                                    | 46.31   | 34.64   |
| May-54       | 158,574                           | 374,781                                     | 3.16   | 2.36   | 17,141                           | 596,004                                    | 46.48   | 34.77   |
| Jun-54       | 158,806                           | 947,633                                     | 7.98   | 5.97   | 17,159                           | 768,661                                    | 59.88   | 44.80   |
| Jul-54       | 159,039                           | 2,027,831                                   | 17.04  | 12.75  | 17,178                           | 1,026,680                                  | 79.90   | 59.77   |
| Aug-54       | 159,286                           | 3,544,522                                   | 29.75  | 22.25  | 17,196                           | 1,501,924                                  | 116.76  | 87.34   |
| Sep-54       | 159,532                           | 3,619,603                                   | 30.33  | 22.69  | 17,214                           | 1,494,514                                  | 116.06  | 86.82   |
| Oct-54       | 159,778                           | 2,709,569                                   | 22.67  | 16.96  | 17,232                           | 1,478,843                                  | 114.72  | 85.82   |
| Nov-54       | 160,025                           | 1,319,834                                   | 11.03  | 8.25   | 17,251                           | 944,403                                    | 73.19   | 54.75   |
| Dec-54       | 160,271                           | 389,291                                     | 3.25   | 2.43   | 17,269                           | 619,345                                    | 47.94   | 35.86   |
| Jan-55       | 160,635                           | 232,433                                     | 1.93   | 1.45   | 17,287                           | 586,573                                    | 45.36   | 33.93   |
| Feb-55       | 160,882                           | 318,396                                     | 2.65   | 1.98   | 17,305                           | 590,862                                    | 45.64   | 34.14   |
| Mar-55       | 161,128                           | 252,740                                     | 2.10   | 1.57   | 17,324                           | 593,823                                    | 45.82   | 34.28   |
| Apr-55       | 161,375                           | 304,696                                     | 2.52   | 1.89   | 17,342                           | 594,857                                    | 45.85   | 34.30   |
| May-55       | 161,621                           | 334,986                                     | 2.77   | 2.07   | 17,360                           | 596,220                                    | 45.91   | 34.34   |
| Jun-55       | 161,868                           | 980,461                                     | 8.10   | 6.06   | 17,378                           | 784,599                                    | 60.35   | 45.15   |
| Jul-55       | 162,114                           | 2,077,421                                   | 17.13  | 12.81  | 17,397                           | 1,045,392                                  | 80.33   | 60.09   |
| Aug-55       | 162,366                           | 3,623,435                                   | 29.83  | 22.32  | 17,415                           | 1,526,678                                  | 117.19  | 87.66   |
| Sep-55       | 162,618                           | 3,699,965                                   | 30.42  | 22.75  | 17,433                           | 1,519,154                                  | 116.49  | 87.14   |
| Oct-55       | 162,870                           | 2,768,174                                   | 22.72  | 17.00  | 17,452                           | 1,502,143                                  | 115.07  | 86.07   |
| Nov-55       | 163,122                           | 1,353,549                                   | 11.09  | 8.30   | 17,470                           | 960,890                                    | 73.53   | 55.00   |
| Dec-55       | 163,373                           | 406,730                                     | 3.33   | 2.49   | 17,488                           | 631,915                                    | 48.30   | 36.13   |
| Jan-56       | 163,745                           | 243,187                                     | 1.99   | 1.49   | 17,507                           | 598,493                                    | 45.70   | 34.19   |
| Feb-56       | 163,997                           | 332,668                                     | 2.71   | 2.03   | 17,525                           | 602,828                                    | 45.98   | 34.40   |
| Mar-56       | 164,249                           | 263,853                                     | 2.15   | 1.61   | 17,543                           | 605,818                                    | 46.16   | 34.53   |
| Apr-56       | 164,501                           | 318,039                                     | 2.58   | 1.93   | 17,561                           | 606,856                                    | 46.19   | 34.56   |
| May-56       | 164,753                           | 354,734                                     | 2.88   | 2.15   | 17,580                           | 609,342                                    | 46.34   | 34.66   |
| Jun-56       | 165,005                           | 1,013,715                                   | 8.21   | 6.14   | 17,598                           | 800,595                                    | 60.82   | 45.49   |
| Jul-56       | 165,257                           | 2,127,856                                   | 17.21  | 12.88  | 17,616                           | 1,064,169                                  | 80.75   | 60.41   |
| Aug-56       | 165,515                           | 3,703,837                                   | 29.91  | 22.38  | 17,635                           | 1,551,516                                  | 117.61  | 87.98   |
| Sep-56       | 165,772                           | 3,781,847                                   | 30.50  | 22.81  | 17,653                           | 1,543,878                                  | 116.91  | 87.46   |
| Oct-56       | 166,029                           | 2,827,841                                   | 22.77  | 17.03  | 17,672                           | 1,525,522                                  | 115.40  | 86.33   |
| Nov-56       | 166,287                           | 1,387,705                                   | 11.16  | 8.35   | 17,690                           | 977,435                                    | 73.86   | 55.25   |
| Dec-56       | 166,544                           | 424,186                                     | 3.40   | 2.55   | 17,708                           | 644,530                                    | 48.66   | 36.40   |
| Jan-57       | 166,924                           | 253,946                                     | 2.03   | 1.52   | 17,727                           | 610,456                                    | 46.04   | 34.44   |
| Feb-57       | 167,181                           | 346,953                                     | 2.77   | 2.08   | 17,745                           | 614,837                                    | 46.32   | 34.65   |
| Mar-57       | 167,439                           | 274,978                                     | 2.20   | 1.64   | 17,763                           | 617,855                                    | 46.50   | 34.78   |
| Apr-57       | 167,696                           | 331,396                                     | 2.64   | 1.98   | 17,782                           | 618,897                                    | 46.53   | 34.81   |
| May-57       | 167,954                           | 374,593                                     | 2.98   | 2.23   | 17,800                           | 622,512                                    | 46.75   | 34.97   |
| Jun-57       | 168,212                           | 1,047,351                                   | 8.32   | 6.23   | 17,818                           | 816,648                                    | 61.27   | 45.83   |
| Jul-57       | 168,469                           | 2,179,147                                   | 17.29  | 12.94  | 17,837                           | 1,083,012                                  | 81.17   | 60.72   |
| Aug-57       | 168,732                           | 3,785,754                                   | 29.99  | 22.44  | 17,855                           | 1,576,439                                  | 118.03  | 88.29   |
| Sep-57       | 168,995                           | 3,865,275                                   | 30.58  | 22.87  | 17,874                           | 1,568,687                                  | 117.33  | 87.76   |
| Oct-57       | 169,258                           | 2,888,588                                   | 22.81  | 17.07  | 17,892                           | 1,548,980                                  | 115.73  | 86.57   |
| Nov-57       | 169,521                           | 1,422,305                                   | 11.22  | 8.39   | 17,911                           | 994,038                                    | 74.19   | 55.50   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Dec-57  | 169,784                           | 441,656                                     | 3.48   | 2.60   | 17,929                           | 657,189                                    | 49.00   | 36.66   |
| Jan-58  | 170,172                           | 264,707                                     | 2.08   | 1.56   | 17,947                           | 622,462                                    | 46.36   | 34.68   |
| Feb-58  | 170,435                           | 361,246                                     | 2.83   | 2.12   | 17,966                           | 626,888                                    | 46.65   | 34.89   |
| Mar-58  | 170,698                           | 286,113                                     | 2.24   | 1.68   | 17,984                           | 629,935                                    | 46.82   | 35.03   |
| Apr-58  | 170,961                           | 344,764                                     | 2.70   | 2.02   | 18,003                           | 630,981                                    | 46.85   | 35.05   |
| May-58  | 171,225                           | 394,561                                     | 3.08   | 2.30   | 18,021                           | 635,730                                    | 47.16   | 35.28   |
| Jun-58  | 171,488                           | 1,014,643                                   | 7.91   | 5.92   | 18,040                           | 818,531                                    | 60.66   | 45.37   |
| Jul-58  | 171,751                           | 2,183,656                                   | 17.00  | 12.71  | 18,058                           | 1,088,876                                  | 80.61   | 60.30   |
| Aug-58  | 172,020                           | 3,821,564                                   | 29.70  | 22.22  | 18,077                           | 1,588,413                                  | 117.47  | 87.87   |
| Sep-58  | 172,289                           | 3,902,639                                   | 30.28  | 22.65  | 18,095                           | 1,580,556                                  | 116.77  | 87.35   |
| Oct-58  | 172,557                           | 2,913,091                                   | 22.57  | 16.88  | 18,114                           | 1,562,106                                  | 115.29  | 86.24   |
| Nov-58  | 172,826                           | 1,407,830                                   | 10.89  | 8.15   | 18,132                           | 1,000,292                                  | 73.75   | 55.17   |
| Dec-58  | 173,095                           | 398,954                                     | 3.08   | 2.30   | 18,151                           | 658,976                                    | 48.53   | 36.31   |
| Jan-59  | 173,491                           | 237,356                                     | 1.83   | 1.37   | 18,169                           | 624,120                                    | 45.92   | 34.35   |
| Feb-59  | 173,760                           | 326,010                                     | 2.51   | 1.88   | 18,187                           | 628,599                                    | 46.20   | 34.56   |
| Mar-59  | 174,029                           | 259,158                                     | 1.99   | 1.49   | 18,206                           | 631,682                                    | 46.38   | 34.70   |
| Apr-59  | 174,298                           | 312,432                                     | 2.40   | 1.79   | 18,224                           | 632,739                                    | 46.41   | 34.72   |
| May-59  | 174,567                           | 352,754                                     | 2.70   | 2.02   | 18,243                           | 636,042                                    | 46.61   | 34.87   |
| Jun-59  | 174,836                           | 1,049,149                                   | 8.02   | 6.00   | 18,261                           | 834,818                                    | 61.11   | 45.71   |
| Jul-59  | 175,105                           | 2,236,772                                   | 17.08  | 12.77  | 18,280                           | 1,107,960                                  | 81.02   | 60.61   |
| Aug-59  | 175,379                           | 3,906,655                                   | 29.78  | 22.28  | 18,299                           | 1,613,617                                  | 117.88  | 88.18   |
| Sep-59  | 175,654                           | 3,989,307                                   | 30.36  | 22.71  | 18,317                           | 1,605,644                                  | 117.18  | 87.66   |
| Oct-59  | 175,929                           | 2,976,101                                   | 22.61  | 16.92  | 18,336                           | 1,585,811                                  | 115.62  | 86.49   |
| Nov-59  | 176,203                           | 1,443,405                                   | 10.95  | 8.19   | 18,354                           | 1,017,097                                  | 74.08   | 55.42   |
| Dec-59  | 176,478                           | 416,523                                     | 3.16   | 2.36   | 18,373                           | 671,817                                    | 48.88   | 36.57   |
| Jan-60  | 176,882                           | 248,165                                     | 1.88   | 1.40   | 18,391                           | 636,298                                    | 46.25   | 34.60   |
| Feb-60  | 177,157                           | 340,379                                     | 2.57   | 1.92   | 18,410                           | 640,823                                    | 46.53   | 34.81   |
| Mar-60  | 177,432                           | 270,356                                     | 2.04   | 1.52   | 18,428                           | 643,934                                    | 46.71   | 34.94   |
| Apr-60  | 177,706                           | 325,876                                     | 2.45   | 1.83   | 18,447                           | 644,996                                    | 46.74   | 34.96   |
| May-60  | 177,981                           | 373,024                                     | 2.80   | 2.10   | 18,465                           | 649,462                                    | 47.02   | 35.17   |
| Jun-60  | 178,256                           | 1,084,045                                   | 8.13   | 6.08   | 18,484                           | 851,160                                    | 61.56   | 46.05   |
| Jul-60  | 178,531                           | 2,290,784                                   | 17.15  | 12.83  | 18,503                           | 1,127,109                                  | 81.43   | 60.92   |
| Aug-60  | 178,812                           | 3,993,335                                   | 29.85  | 22.33  | 18,521                           | 1,638,905                                  | 118.29  | 88.49   |
| Sep-60  | 179,092                           | 4,077,598                                   | 30.44  | 22.77  | 18,540                           | 1,630,817                                  | 117.59  | 87.96   |
| Oct-60  | 179,373                           | 3,040,240                                   | 22.66  | 16.95  | 18,558                           | 1,609,596                                  | 115.94  | 86.73   |
| Nov-60  | 179,653                           | 1,479,434                                   | 11.01  | 8.23   | 18,577                           | 1,033,958                                  | 74.40   | 55.66   |
| Dec-60  | 179,934                           | 434,087                                     | 3.23   | 2.41   | 18,596                           | 684,701                                    | 49.22   | 36.82   |
| Jan-61  | 180,347                           | 258,965                                     | 1.92   | 1.44   | 18,614                           | 648,517                                    | 46.57   | 34.84   |
| Feb-61  | 180,627                           | 354,741                                     | 2.63   | 1.96   | 18,633                           | 653,088                                    | 46.86   | 35.05   |
| Mar-61  | 180,908                           | 281,552                                     | 2.08   | 1.56   | 18,652                           | 656,228                                    | 47.03   | 35.18   |
| Apr-61  | 181,189                           | 339,317                                     | 2.50   | 1.87   | 18,670                           | 657,293                                    | 47.06   | 35.21   |
| May-61  | 181,470                           | 393,395                                     | 2.90   | 2.17   | 18,689                           | 662,928                                    | 47.42   | 35.47   |
| Jun-61  | 181,751                           | 1,119,333                                   | 8.23   | 6.16   | 18,707                           | 867,557                                    | 61.99   | 46.38   |
| Jul-61  | 182,032                           | 2,345,706                                   | 17.23  | 12.89  | 18,726                           | 1,146,321                                  | 81.83   | 61.22   |
| Aug-61  | 182,318                           | 4,081,632                                   | 29.93  | 22.39  | 18,745                           | 1,664,279                                  | 118.69  | 88.79   |
| Sep-61  | 182,605                           | 4,167,539                                   | 30.51  | 22.82  | 18,763                           | 1,656,075                                  | 117.99  | 88.26   |
| Oct-61  | 182,892                           | 3,105,526                                   | 22.70  | 16.98  | 18,782                           | 1,633,461                                  | 116.26  | 86.97   |
| Nov-61  | 183,178                           | 1,515,922                                   | 11.06  | 8.28   | 18,801                           | 1,050,876                                  | 74.72   | 55.90   |
| Dec-61  | 183,465                           | 451,642                                     | 3.29   | 2.46   | 18,819                           | 697,628                                    | 49.56   | 37.07   |
| Jan-62  | 183,886                           | 269,751                                     | 1.96   | 1.47   | 18,838                           | 660,777                                    | 46.89   | 35.08   |
| Feb-62  | 184,173                           | 369,093                                     | 2.68   | 2.00   | 18,857                           | 665,393                                    | 47.17   | 35.29   |
| Mar-62  | 184,460                           | 292,743                                     | 2.12   | 1.59   | 18,875                           | 668,563                                    | 47.35   | 35.42   |
| Apr-62  | 184,747                           | 352,752                                     | 2.55   | 1.91   | 18,894                           | 669,632                                    | 47.38   | 35.44   |
| May-62  | 185,034                           | 413,867                                     | 2.99   | 2.24   | 18,913                           | 676,437                                    | 47.81   | 35.77   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |  |  |                                  |  |   |   |
|---|-----------------------------------|---|--|--|----------------------------------|--|---|---|
| <b>Month</b>  | <b>Suez Residential Customers</b> | <b>Residential Water Sales (1,000 Gal.)</b> | <b>Residential Use per Customer (100 Cu. Ft)</b> | <b>Residential Use per Customer (1,000 Gal.)</b> | <b>Suez Commercial Customers</b> | <b>Commercial Water Sales (1,000 Gal.)</b> | <b>Commercial Use per Customer (100 Cu. Ft)</b> | <b>Commercial Use per Customer (1,000 Gal.)</b> |
| Jun-62  | 185,321                           | 1,085,339                                   | 7.83   | 5.86   | 18,931                           | 869,582                                    | 61.40   | 45.93   |
| Jul-62  | 185,608                           | 2,351,790                                   | 16.94  | 12.67  | 18,950                           | 1,152,372                                  | 81.29   | 60.81   |
| Aug-62  | 185,900                           | 4,121,819                                   | 29.64  | 22.17  | 18,969                           | 1,676,521                                  | 118.15  | 88.38   |
| Sep-62  | 186,193                           | 4,209,415                                   | 30.22  | 22.61  | 18,988                           | 1,668,211                                  | 117.45  | 87.86   |
| Oct-62  | 186,486                           | 3,132,983                                   | 22.46  | 16.80  | 19,006                           | 1,646,850                                  | 115.83  | 86.65   |
| Nov-62  | 186,779                           | 1,501,158                                   | 10.74  | 8.04   | 19,025                           | 1,057,301                                  | 74.29   | 55.57   |
| Dec-62  | 187,072                           | 406,338                                     | 2.90   | 2.17   | 19,044                           | 699,530                                    | 49.10   | 36.73   |
| Jan-63  | 187,502                           | 240,722                                     | 1.72   | 1.28   | 19,063                           | 662,544                                    | 46.46   | 34.76   |
| Feb-63  | 187,795                           | 331,702                                     | 2.36   | 1.77   | 19,081                           | 667,214                                    | 46.74   | 34.97   |
| Mar-63  | 188,088                           | 264,142                                     | 1.88   | 1.40   | 19,100                           | 670,420                                    | 46.92   | 35.10   |
| Apr-63  | 188,381                           | 318,443                                     | 2.26   | 1.69   | 19,119                           | 671,501                                    | 46.95   | 35.12   |
| May-63  | 188,674                           | 369,810                                     | 2.62   | 1.96   | 19,138                           | 676,864                                    | 47.28   | 35.37   |
| Jun-63  | 188,967                           | 1,121,512                                   | 7.93   | 5.93   | 19,156                           | 886,216                                    | 61.84   | 46.26   |
| Jul-63  | 189,261                           | 2,408,637                                   | 17.01  | 12.73  | 19,175                           | 1,171,830                                  | 81.70   | 61.11   |
| Aug-63  | 189,560                           | 4,213,493                                   | 29.71  | 22.23  | 19,194                           | 1,702,182                                  | 118.55  | 88.68   |
| Sep-63  | 189,859                           | 4,302,804                                   | 30.30  | 22.66  | 19,213                           | 1,693,755                                  | 117.85  | 88.16   |
| Oct-63  | 190,158                           | 3,200,664                                   | 22.50  | 16.83  | 19,231                           | 1,670,970                                  | 116.15  | 86.89   |
| Nov-63  | 190,457                           | 1,538,642                                   | 10.80  | 8.08   | 19,250                           | 1,074,426                                  | 74.61   | 55.81   |
| Dec-63  | 190,757                           | 423,936                                     | 2.97   | 2.22   | 19,269                           | 712,641                                    | 49.44   | 36.98   |
| Jan-64  | 191,195                           | 251,521                                     | 1.76   | 1.32   | 19,288                           | 674,978                                    | 46.78   | 34.99   |
| Feb-64  | 191,495                           | 346,083                                     | 2.42   | 1.81   | 19,307                           | 679,695                                    | 47.06   | 35.21   |
| Mar-64  | 191,794                           | 275,361                                     | 1.92   | 1.44   | 19,326                           | 682,930                                    | 47.24   | 35.34   |
| Apr-64  | 192,094                           | 331,911                                     | 2.31   | 1.73   | 19,344                           | 684,014                                    | 47.27   | 35.36   |
| May-64  | 192,393                           | 390,557                                     | 2.71   | 2.03   | 19,363                           | 690,579                                    | 47.68   | 35.66   |
| Jun-64  | 192,693                           | 1,158,082                                   | 8.03   | 6.01   | 19,382                           | 902,903                                    | 62.27   | 46.58   |
| Jul-64  | 192,992                           | 2,466,434                                   | 17.08  | 12.78  | 19,401                           | 1,191,352                                  | 82.09   | 61.41   |
| Aug-64  | 193,298                           | 4,306,863                                   | 29.79  | 22.28  | 19,420                           | 1,727,928                                  | 118.95  | 88.98   |
| Sep-64  | 193,603                           | 4,397,925                                   | 30.37  | 22.72  | 19,439                           | 1,719,384                                  | 118.24  | 88.45   |
| Oct-64  | 193,909                           | 3,269,543                                   | 22.54  | 16.86  | 19,457                           | 1,695,170                                  | 116.47  | 87.12   |
| Nov-64  | 194,215                           | 1,576,595                                   | 10.85  | 8.12   | 19,476                           | 1,091,606                                  | 74.93   | 56.05   |
| Dec-64  | 194,520                           | 441,504                                     | 3.03   | 2.27   | 19,495                           | 725,794                                    | 49.77   | 37.23   |
| Jan-65  | 194,968                           | 262,292                                     | 1.80   | 1.35   | 19,514                           | 687,452                                    | 47.09   | 35.23   |
| Feb-65  | 195,274                           | 360,436                                     | 2.47   | 1.85   | 19,533                           | 692,215                                    | 47.37   | 35.44   |
| Mar-65  | 195,580                           | 286,562                                     | 1.96   | 1.47   | 19,552                           | 695,479                                    | 47.55   | 35.57   |
| Apr-65  | 195,886                           | 345,357                                     | 2.36   | 1.76   | 19,571                           | 696,567                                    | 47.58   | 35.59   |
| May-65  | 196,191                           | 411,394                                     | 2.80   | 2.10   | 19,590                           | 704,336                                    | 48.06   | 35.95   |
| Jun-65  | 196,497                           | 1,195,054                                   | 8.13   | 6.08   | 19,608                           | 919,643                                    | 62.70   | 46.90   |
| Jul-65  | 196,803                           | 2,525,194                                   | 17.15  | 12.83  | 19,627                           | 1,210,937                                  | 82.48   | 61.70   |
| Aug-65  | 197,115                           | 4,401,956                                   | 29.85  | 22.33  | 19,646                           | 1,753,754                                  | 119.33  | 89.27   |
| Sep-65  | 197,427                           | 4,494,806                                   | 30.43  | 22.77  | 19,665                           | 1,745,086                                  | 118.63  | 88.74   |
| Oct-65  | 197,740                           | 3,339,639                                   | 22.58  | 16.89  | 19,684                           | 1,719,433                                  | 116.77  | 87.35   |
| Nov-65  | 198,052                           | 1,615,019                                   | 10.90  | 8.15   | 19,703                           | 1,108,828                                  | 75.23   | 56.28   |
| Dec-65  | 198,364                           | 459,035                                     | 3.09   | 2.31   | 19,722                           | 738,976                                    | 50.09   | 37.47   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |  |  |   |  |                             |  |
|---|-----------------------------------|--|--|---|--|-----------------------------|--|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br>(100 Cu. Ft.) | <b>Actual Public Authority Water Sales</b><br>(1,000 Gal.) | <b>Other Water Sales</b><br>(100 Cu. Ft.) | <b>Other Water Sales</b><br>(1,000 Gal.) | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br>(1,000 Gal.) |
| Jan-95  | 100                               | 188  | 141  |   |  | 53,323                      | 515,173                                  |
| Feb-95  | 100                               | 709  | 530  |   |  | 53,477                      | 514,196                                  |
| Mar-95  | 100                               | 136  | 102  |   |  | 53,632                      | 436,318                                  |
| Apr-95  | 100                               | 692  | 518  |   |  | 53,802                      | 473,107                                  |
| May-95  | 103                               | 1,463  | 1,094  |   |  | 54,078                      | 548,565                                  |
| Jun-95  | 104                               | 2,571  | 1,923  |   |  | 54,260                      | 734,122                                  |
| Jul-95  | 105                               | 7,423  | 5,552  |   |  | 54,357                      | 1,241,337                                |
| Aug-95  | 106                               | 15,732   | 11,768   |   |  | 54,494                      | 1,745,110                                |
| Sep-95  | 105                               | 12,595   | 9,422  |   |  | 54,619                      | 1,808,806                                |
| Oct-95  | 104                               | 17,620   | 13,181   |   |  | 54,650                      | 1,690,008                                |
| Nov-95  | 66                                | 3,829  | 2,864  |   |  | 54,509                      | 1,227,818                                |
| Dec-95  | 46                                | 2,724  | 2,038  |   |  | 54,476                      | 738,376                                  |
| Jan-96  | 29                                | 618  | 462  |   |  | 54,586                      | 583,998                                  |
| Feb-96  | 29                                | 1,061  | 794  |   |  | 54,606                      | 502,922                                  |
| Mar-96  | 29                                | 201  | 150  |   |  | 54,632                      | 529,958                                  |
| Apr-96  | 61                                | 1,322  | 989  |   |  | 54,802                      | 512,788                                  |
| May-96  | 106                               | 1,102  | 825  |   |  | 55,153                      | 606,620                                  |
| Jun-96  | 107                               | 3,574  | 2,674  |   |  | 55,372                      | 825,146                                  |
| Jul-96  | 107                               | 14,008   | 10,479   |   |  | 55,602                      | 1,368,206                                |
| Aug-96  | 107                               | 14,979   | 11,205   |   |  | 55,656                      | 1,863,019                                |
| Sep-96  | 107                               | 19,784   | 14,800   |   |  | 55,838                      | 2,122,979                                |
| Oct-96  | 107                               | 17,825   | 13,334   |   |  | 55,703                      | 1,768,591                                |
| Nov-96  | 107                               | 15,405   | 11,524   |   |  | 55,612                      | 1,243,367                                |
| Dec-96  | 36                                | 1,505  | 1,126  |   |  | 56,005                      | 730,367                                  |
| Jan-97  | 33                                | 237  | 177  | 3,903                                     | 2,920                                    | 56,070                      | 564,375                                  |
| Feb-97  | 33                                | 740  | 554  | 49  | 37                                       | 56,148                      | 519,685                                  |
| Mar-97  | 32                                | 158  | 118  | 2,866                                     | 2,144                                    | 55,957                      | 528,184                                  |
| Apr-97  | 66                                | 842  | 630  | 698                                       | 522                                      | 57,022                      | 468,013                                  |
| May-97  | 106                               | 2,810  | 2,102  | 4,225                                     | 3,161                                    | 57,276                      | 749,245                                  |
| Jun-97  | 105                               | 7,714  | 5,770  | 2,111                                     | 1,579                                    | 57,363                      | 1,007,907                                |
| Jul-97  | 107                               | 9,577  | 7,164  | 1,401                                     | 1,048                                    | 57,604                      | 1,576,976                                |
| Aug-97  | 107                               | 15,102   | 11,297   | 4,026                                     | 3,012                                    | 57,778                      | 1,613,136                                |
| Sep-97  | 107                               | 9,841  | 7,362  | 4,535                                     | 3,392                                    | 57,901                      | 2,084,511                                |
| Oct-97  | 105                               | 13,910   | 10,405   | 6,787                                     | 5,077                                    | 58,014                      | 1,615,057                                |
| Nov-97  | 104                               | 8,592  | 6,427  | 4,402                                     | 3,293                                    | 57,873                      | 1,362,060                                |
| Dec-97  | 32                                | 3,913  | 2,927  | 15,362                                    | 11,492                                   | 57,730                      | 761,328                                  |
| Jan-98  | 31                                | 391  | 292  | 1,092                                     | 817                                      | 57,998                      | 586,650                                  |
| Feb-98  | 31                                | 625  | 468  | 118                                       | 88                                       | 58,042                      | 525,476                                  |
| Mar-98  | 31                                | 214  | 160  | 898                                       | 672                                      | 58,038                      | 522,161                                  |
| Apr-98  | 36                                | 593  | 444  | 1,331                                     | 996                                      | 58,245                      | 502,482                                  |
| May-98  | 105                               | 1,863  | 1,394  | 3,649                                     | 2,730                                    | 58,668                      | 677,362                                  |
| Jun-98  | 106                               | 3,602  | 2,694  | 1,403                                     | 1,050                                    | 58,606                      | 833,815                                  |
| Jul-98  | 108                               | 4,736  | 3,543  | 3,888                                     | 2,908                                    | 58,878                      | 1,180,790                                |
| Aug-98  | 120                               | 9,734  | 7,282  | 2,101                                     | 1,572                                    | 58,858                      | 1,550,052                                |
| Sep-98  | 124                               | 11,190   | 8,371  | 6,588                                     | 4,928                                    | 59,100                      | 2,259,688                                |
| Oct-98  | 119                               | 15,454   | 11,560   | 610                                       | 456                                      | 59,544                      | 1,756,738                                |
| Nov-98  | 124                               | 8,342  | 6,240  | 3,890                                     | 2,910                                    | 59,860                      | 1,350,094                                |
| Dec-98  | 123                               | 5,099  | 3,814  | 1,898                                     | 1,420                                    | 59,310                      | 916,931                                  |
| Jan-99  | 43                                | 1,232  | 922  | 642                                       | 480                                      | 63,381                      | 641,995                                  |
| Feb-99  | 43                                | 931  | 696  | 313                                       | 234                                      | 63,408                      | 562,744                                  |
| Mar-99  | 45                                | 690  | 516  | 451                                       | 337                                      | 63,772                      | 532,431                                  |
| Apr-99  | 130                               | 1,559  | 1,166  | 1,148                                     | 859                                      | 64,214                      | 624,728                                  |
| May-99  | 130                               | 8,138  | 6,088  | 1,783                                     | 1,334                                    | 64,320                      | 692,196                                  |

Historic Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |   |  |   |                             |   |
|---|-----------------------------------|---|---|--|---|-----------------------------|---|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br><small>(100 Cu. Ft.)</small> | <b>Actual Public Authority Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Other Water Sales</b><br><small>(100 Cu. Ft.)</small> | <b>Other Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br><small>(1,000 Gal.)</small> |
| Jun-99  | 130                               | 8,429   | 6,305   | 2,245  | 1,679   | 64,604                      | 1,586,431   |
| Jul-99  | 131                               | 26,949  | 20,159  | 24,712   | 18,486  | 64,775                      | 1,779,112   |
| Aug-99  | 130                               | 12,190  | 9,119   | 8,215  | 6,145   | 64,952                      | 2,620,168   |
| Sep-99  | 130                               | 18,980  | 14,198  | 4,423  | 3,309   | 65,054                      | 2,013,709   |
| Oct-99  | 131                               | 8,615   | 6,444   | 7,744  | 5,793   | 65,175                      | 1,853,970   |
| Nov-99  | 70                                | 9,063   | 6,780   | 7,823  | 5,852   | 65,195                      | 1,175,318   |
| Dec-99  | 50                                | 1,179   | 882   | 2,638  | 1,973   | 66,121                      | 825,625   |
| Jan-00  | 49                                | 814   | 609   | 3,400  | 2,543   | 66,528                      | 609,526   |
| Feb-00  | 48                                | 766   | 573   | 536  | 401   | 66,633                      | 573,816   |
| Mar-00  | 49                                | 765   | 572   | 2,120  | 1,586   | 66,871                      | 547,815   |
| Apr-00  | 131                               | 1,267   | 948   | 985  | 737   | 67,190                      | 602,693   |
| May-00  | 131                               | 7,904   | 5,913   | 3,747  | 2,803   | 67,434                      | 954,087   |
| Jun-00  | 131                               | 12,414  | 9,286   | 4,568  | 3,417   | 67,781                      | 1,520,469   |
| Jul-00  | 131                               | 27,039  | 20,227  | 4,214  | 3,152   | 68,058                      | 2,000,146   |
| Aug-00  | 131                               | 24,445  | 18,286  | 10,537   | 7,882   | 68,306                      | 2,581,504   |
| Sep-00  | 131                               | 27,410  | 20,504  | 4,790  | 3,583   | 68,463                      | 2,199,603   |
| Oct-00  | 130                               | 9,207   | 6,887   | 11,162   | 8,350   | 68,555                      | 1,827,870   |
| Nov-00  | 130                               | 10,336  | 7,732   | 5,776  | 4,321   | 68,635                      | 816,980   |
| Dec-00  | 45                                | 1,310   | 980   | 2,450  | 1,833   | 68,534                      | 807,062   |
| Jan-01  | 45                                | 1,156   | 865   | 4,343  | 3,249   | 68,698                      | 497,750   |
| Feb-01  | 45                                | 274   | 205   | 132  | 99  | 68,831                      | 683,481   |
| Mar-01  | 45                                | 1,265   | 946   | 3,002  | 2,246   | 68,932                      | 555,847   |
| Apr-01  | 122                               | 380   | 284   | 0  | 0   | 69,406                      | 611,259   |
| May-01  | 122                               | 5,667   | 4,239   | 3,512  | 2,627   | 69,618                      | 723,807   |
| Jun-01  | 121                               | 10,013  | 7,490   | 2,440  | 1,825   | 69,804                      | 1,332,436   |
| Jul-01  | 123                               | 29,110  | 21,776  | 8,915  | 6,669   | 69,950                      | 2,172,300   |
| Aug-01  | 123                               | 14,893  | 11,141  | 3,814  | 2,853   | 70,075                      | 2,300,985   |
| Sep-01  | 123                               | 27,563  | 20,619  | 7,010  | 5,244   | 70,366                      | 2,003,475   |
| Oct-01  | 123                               | 14,054  | 10,513  | 4,653  | 3,481   | 70,463                      | 2,108,067   |
| Nov-01  | 123                               | 19,349  | 14,474  | 5,223  | 3,907   | 70,506                      | 1,254,694   |
| Dec-01  | 124                               | 7,048   | 5,272   | 10,308   | 7,711   | 70,562                      | 858,400   |
| Jan-02  | 124                               | 1,416   | 1,059   | 2,615  | 1,956   | 70,654                      | 578,530   |
| Feb-02  | 45                                | 283   | 212   | 676  | 506   | 70,720                      | 612,653   |
| Mar-02  | 45                                | 1,309   | 979   | 688  | 515   | 70,852                      | 510,639   |
| Apr-02  | 125                               | 300   | 224   | 1,565  | 1,171   | 71,285                      | 641,653   |
| May-02  | 126                               | 8,989   | 6,724   | 6,975  | 5,218   | 71,421                      | 683,302   |
| Jun-02  | 126                               | 10,305  | 7,709   | 9,414  | 7,043   | 71,618                      | 1,460,252   |
| Jul-02  | 126                               | 33,208  | 24,841  | 6,282  | 4,699   | 71,733                      | 1,942,475   |
| Aug-02  | 126                               | 16,625  | 12,436  | 6,194  | 4,633   | 71,808                      | 2,184,908   |
| Sep-02  | 126                               | 32,780  | 24,521  | 15,835   | 11,845  | 71,821                      | 2,368,673   |
| Oct-02  | 126                               | 12,871  | 9,628   | 26,555   | 19,865  | 71,849                      | 1,921,620   |
| Nov-02  | 126                               | 13,093  | 9,794   | 1,100  | 823   | 71,972                      | 1,266,354   |
| Dec-02  | 126                               | 3,470   | 2,596   | 3,001  | 2,245   | 71,978                      | 813,600   |
| Jan-03  | 127                               | 1,749   | 1,308   | 1,908  | 1,428   | 72,091                      | 614,373   |
| Feb-03  | 127                               | 386   | 289   | 577  | 432   | 72,291                      | 623,728   |
| Mar-03  | 128                               | 1,347   | 1,008   | 4,175  | 3,123   | 72,610                      | 485,793   |
| Apr-03  | 128                               | 747   | 559   | 1,128  | 844   | 72,762                      | 578,631   |
| May-03  | 128                               | 4,325   | 3,235   | 3,520  | 2,633   | 73,088                      | 637,265   |
| Jun-03  | 129                               | 7,195   | 5,382   | 2,289  | 1,713   | 73,346                      | 1,147,027   |
| Jul-03  | 125                               | 24,787  | 18,542  | 10,256   | 7,672   | 73,488                      | 1,763,513   |
| Aug-03  | 125                               | 18,747  | 14,024  | 2,745  | 2,054   | 73,638                      | 2,506,223   |
| Sep-03  | 125                               | 27,138  | 20,301  | 6,392  | 4,782   | 73,742                      | 2,285,685   |
| Oct-03  | 125                               | 14,347  | 10,732  | 7,908  | 5,916   | 73,862                      | 1,945,102   |
| Nov-03  | 125                               | 14,732  | 11,020  | 5,148  | 3,851   | 74,036                      | 1,414,264   |

Historic Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | (100 Cu. Ft.)                       | (1,000 Gal.)                               | (100 Cu. Ft.)            | (1,000 Gal.)             |                             | (1,000 Gal.)             |
| Dec-03  | 125                               | 1,596                               | 1,194                                      | 4,170                    | 3,119                    | 74,177                      | 889,622                  |
| Jan-04  | 125                               | 1,579                               | 1,181                                      | 0                        | 0                        | 74,337                      | 561,816                  |
| Feb-04  | 125                               | 638                                 | 477  | 1,665                    | 1,246                    | 74,454                      | 606,033                  |
| Mar-04  | 125                               | 1,333                               | 997  | 6,089                    | 4,555                    | 74,697                      | 519,489                  |
| Apr-04  | 125                               | 2,604                               | 1,948                                      | 2,525                    | 1,889                    | 74,930                      | 691,343                  |
| May-04  | 125                               | 10,002                              | 7,482                                      | 4,021                    | 3,008                    | 75,074                      | 931,044                  |
| Jun-04  | 125                               | 8,494                               | 6,354                                      | 2,597                    | 1,943                    | 75,192                      | 1,358,881                |
| Jul-04  | 125                               | 20,952                              | 15,673                                     | 3,790                    | 2,835                    | 75,400                      | 1,639,708                |
| Aug-04  | 125                               | 16,246                              | 12,153                                     | 3,010                    | 2,252                    | 75,612                      | 2,311,221                |
| Sep-04  | 125                               | 28,669                              | 21,446                                     | 3,407                    | 2,549                    | 75,839                      | 2,195,752                |
| Oct-04  | 125                               | 10,339                              | 7,734                                      | 7,053                    | 5,276                    | 76,113                      | 1,846,350                |
| Nov-04  | 125                               | 11,666                              | 8,727                                      | 3,556                    | 2,660                    | 76,274                      | 1,246,534                |
| Dec-04  | 125                               | 2,711                               | 2,028                                      | 581                      | 435                      | 76,388                      | 858,144                  |
| Jan-05  | 125                               | 1,055                               | 789  | 1,932                    | 1,445                    | 76,581                      | 546,003                  |
| Feb-05  | 125                               | 733                                 | 548  | 1,750                    | 1,309                    | 76,784                      | 598,059                  |
| Mar-05  | 124                               | 1,242                               | 929  | 1,393                    | 1,042                    | 77,029                      | 502,442                  |
| Apr-05  | 124                               | 1,484                               | 1,110                                      | 2,040                    | 1,526                    | 77,223                      | 635,714                  |
| May-05  | 124                               | 5,509                               | 4,121                                      | 2,064                    | 1,544                    | 77,534                      | 703,236                  |
| Jun-05  | 124                               | 4,422                               | 3,308                                      | 2,325                    | 1,739                    | 77,771                      | 991,643                  |
| Jul-05  | 124                               | 17,635                              | 13,192                                     | 3,609                    | 2,700                    | 78,010                      | 1,369,269                |
| Aug-05  | 124                               | 14,928                              | 11,167                                     | 6,390                    | 4,780                    | 78,255                      | 2,238,508                |
| Sep-05  | 124                               | 30,535                              | 22,842                                     | 8,120                    | 6,074                    | 78,480                      | 2,441,339                |
| Oct-05  | 124                               | 9,934                               | 7,431                                      | 7,950                    | 5,947                    | 78,641                      | 1,999,367                |
| Nov-05  | 125                               | 9,705                               | 7,260                                      | 3,134                    | 2,345                    | 78,746                      | 1,166,930                |
| Dec-05  | 125                               | 698                                 | 522  | 1,753                    | 1,311                    | 78,892                      | 795,924                  |
| Jan-06  | 126                               | 1,168                               | 874  | 523                      | 391                      | 79,160                      | 561,900                  |
| Feb-06  | 126                               | 188                                 | 141  | 237                      | 177                      | 79,334                      | 650,833                  |
| Mar-06  | 126                               | 1,429                               | 1,069                                      | 995                      | 744                      | 79,889                      | 501,317                  |
| Apr-06  | 126                               | 192                                 | 144  | 1,768                    | 1,323                    | 80,061                      | 626,787                  |
| May-06  | 126                               | 4,240                               | 3,172                                      | 2,220                    | 1,660                    | 80,418                      | 633,717                  |
| Jun-06  | 126                               | 4,835                               | 3,617                                      | 5,996                    | 4,485                    | 80,672                      | 1,266,450                |
| Jul-06  | 126                               | 22,163                              | 16,579                                     | 3,498                    | 2,617                    | 80,880                      | 1,725,091                |
| Aug-06  | 126                               | 12,831                              | 9,598                                      | 12,307                   | 9,206                    | 81,124                      | 2,352,966                |
| Sep-06  | 126                               | 29,335                              | 21,944                                     | 8,208                    | 6,140                    | 81,363                      | 2,427,857                |
| Oct-06  | 126                               | 10,392                              | 7,774                                      | 19,865                   | 14,860                   | 81,519                      | 1,998,801                |
| Nov-06  | 126                               | 10,329                              | 7,727                                      | 4,120                    | 3,082                    | 81,657                      | 1,314,581                |
| Dec-06  | 126                               | 836                                 | 625  | 1,518                    | 1,135                    | 81,795                      | 818,273                  |
| Jan-07  | 126                               | 1,535                               | 1,148                                      | 823                      | 616                      | 81,886                      | 571,996                  |
| Feb-07  | 126                               | 1,041                               | 779  | 368                      | 275                      | 82,019                      | 654,172                  |
| Mar-07  | 124                               | 1,881                               | 1,407                                      | 749                      | 560                      | 82,209                      | 517,097                  |
| Apr-07  | 123                               | 758                                 | 567  | 1,962                    | 1,468                    | 82,398                      | 677,077                  |
| May-07  | 123                               | 6,079                               | 4,548                                      | 2,534                    | 1,896                    | 82,580                      | 783,183                  |
| Jun-07  | 123                               | 7,181                               | 5,372                                      | 7,779                    | 5,819                    | 82,667                      | 1,569,695                |
| Jul-07  | 129                               | 28,435                              | 21,271                                     | 6,497                    | 4,860                    | 82,827                      | 2,017,773                |
| Aug-07  | 129                               | 15,885                              | 11,883                                     | 11,379                   | 8,512                    | 82,920                      | 2,485,358                |
| Sep-07  | 129                               | 31,832                              | 23,812                                     | 56,939                   | 42,593                   | 83,005                      | 2,382,017                |
| Oct-07  | 129                               | 10,984                              | 8,217                                      | 10,283                   | 7,692                    | 83,101                      | 1,994,973                |
| Nov-07  | 129                               | 12,753                              | 9,540                                      | 5,319                    | 3,979                    | 83,189                      | 1,198,491                |
| Dec-07  | 129                               | 702                                 | 525  | 1,703                    | 1,274                    | 83,235                      | 757,002                  |
| Jan-08  | 129                               | 1,102                               | 824  | 3,940                    | 2,947                    | 83,271                      | 547,286                  |
| Feb-08  | 129                               | 231                                 | 173  | 490                      | 367                      | 83,354                      | 656,451                  |
| Mar-08  | 129                               | 3,604                               | 2,696                                      | 476                      | 356                      | 83,406                      | 541,640                  |
| Apr-08  | 132                               | 328                                 | 245  | 3,257                    | 2,436                    | 83,515                      | 625,202                  |
| May-08  | 132                               | 5,544                               | 4,147                                      | 7,377                    | 5,518                    | 83,600                      | 715,371                  |

Historic  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | (100 Cu. Ft.)                       | (1,000 Gal.)                               | (100 Cu. Ft.)            | (1,000 Gal.)             |                             | (1,000 Gal.)             |
| Jun-08  | 132                               | 5,545                               | 4,148                                      | 5,939                    | 4,443                    | 83,703                      | 1,301,000                |
| Jul-08  | 132                               | 23,564                              | 17,627                                     | 9,125                    | 6,826                    | 83,808                      | 1,649,295                |
| Aug-08  | 132                               | 13,794                              | 10,319                                     | 11,440                   | 8,558                    | 83,865                      | 2,296,616                |
| Sep-08  | 132                               | 34,270                              | 25,636                                     | 7,444                    | 5,569                    | 83,928                      | 2,442,916                |
| Oct-08  | 132                               | 11,836                              | 8,854                                      | 10,349                   | 7,741                    | 83,809                      | 1,962,033                |
| Nov-08  | 132                               | 12,188                              | 9,117                                      | 4,475                    | 3,347                    | 83,784                      | 1,227,567                |
| Dec-08  | 132                               | 1,781                               | 1,332                                      | 2,013                    | 1,506                    | 83,797                      | 787,525                  |
| Jan-09  | 132                               | 2,131                               | 1,594                                      | 1,287                    | 962                      | 83,779                      | 554,149                  |
| Feb-09  | 132                               | 267                                 | 200  | 103                      | 77                       | 83,763                      | 597,159                  |
| Mar-09  | 132                               | 1,468                               | 1,098                                      | 1,219                    | 912                      | 83,773                      | 484,863                  |
| Apr-09  | 131                               | 971                                 | 726  | 195                      | 146                      | 83,808                      | 599,492                  |
| May-09  | 131                               | 6,750                               | 5,049                                      | 3,381                    | 2,529                    | 83,862                      | 664,919                  |
| Jun-09  | 131                               | 8,534                               | 6,384                                      | 834                      | 624                      | 83,920                      | 1,329,264                |
| Jul-09  | 131                               | 23,617                              | 17,667                                     | 4,875                    | 3,646                    | 83,952                      | 1,613,795                |
| Aug-09  | 131                               | 9,193                               | 6,877                                      | 756                      | 565                      | 84,008                      | 2,012,773                |
| Sep-09  | 130                               | 34,083                              | 25,496                                     | 7,770                    | 5,812                    | 84,004                      | 2,231,887                |
| Oct-09  | 130                               | 14,320                              | 10,712                                     | 1,921                    | 1,437                    | 83,977                      | 1,927,187                |
| Nov-09  | 130                               | 12,301                              | 9,202                                      | 7,312                    | 5,470                    | 83,987                      | 1,186,357                |
| Dec-09  | 130                               | 1,295                               | 969  | 499                      | 373                      | 84,022                      | 703,024                  |
| Jan-10  | 130                               | 1,707                               | 1,277                                      | 1,029                    | 770                      | 84,062                      | 554,499                  |
| Feb-10  | 130                               | 175                                 | 131  | 115                      | 86                       | 84,053                      | 616,481                  |
| Mar-10  | 130                               | 1,524                               | 1,140                                      | 2,794                    | 2,090                    | 84,100                      | 456,412                  |
| Apr-10  | 129                               | 436                                 | 326  | 363                      | 271                      | 84,200                      | 586,909                  |
| May-10  | 129                               | 4,247                               | 3,177                                      | 13,809                   | 10,330                   | 84,338                      | 569,979                  |
| Jun-10  | 129                               | 4,675                               | 3,497                                      | 908                      | 679                      | 84,346                      | 940,395                  |
| Jul-10  | 129                               | 17,521                              | 13,107                                     | 9,913                    | 7,415                    | 84,480                      | 1,373,409                |
| Aug-10  | 129                               | 13,027                              | 9,745                                      | 3,945                    | 2,951                    | 84,577                      | 2,155,236                |
| Sep-10  | 129                               | 26,584                              | 19,886                                     | 7,195                    | 5,382                    | 84,561                      | 2,100,622                |
| Oct-10  | 129                               | 11,851                              | 8,865                                      | 1,789                    | 1,338                    | 84,601                      | 1,800,858                |
| Nov-10  | 129                               | 27,473                              | 20,551                                     | 6,278                    | 4,696                    | 84,611                      | 1,290,117                |
| Dec-10  | 129                               | 509                                 | 381  | 4,023                    | 3,010                    | 84,604                      | 784,364                  |
| Jan-11  | 129                               | 886                                 | 663  | 522                      | 391                      | 84,638                      | 540,065                  |
| Feb-11  | 129                               | 163                                 | 122  | 272                      | 204                      | 84,665                      | 610,044                  |
| Mar-11  | 129                               | 849                                 | 635  | 928                      | 694                      | 84,753                      | 466,949                  |
| Apr-11  | 129                               | 146                                 | 109  | 160                      | 120                      | 84,844                      | 570,388                  |
| May-11  | 129                               | 3,533                               | 2,643                                      | 4,114                    | 3,077                    | 84,949                      | 536,489                  |
| Jun-11  | 129                               | 3,671                               | 2,746                                      | 383                      | 286                      | 84,992                      | 859,542                  |
| Jul-11  | 129                               | 16,374                              | 12,249                                     | 3,370                    | 2,521                    | 85,127                      | 1,277,042                |
| Aug-11  | 129                               | 7,116                               | 5,323                                      | 1,791                    | 1,340                    | 85,249                      | 1,995,005                |
| Sep-11  | 129                               | 27,507                              | 20,577                                     | 15,568                   | 11,645                   | 85,348                      | 2,204,984                |
| Oct-11  | 125                               | 8,688                               | 6,499                                      | 3,534                    | 2,643                    | 84,845                      | 1,917,851                |
| Nov-11  | 50                                | 11,629                              | 8,699                                      | 3,035                    | 2,270                    | 84,463                      | 1,357,821                |
| Dec-11  | 46                                | 298                                 | 223  | 679                      | 508                      | 84,378                      | 803,588                  |
| Jan-12  | 46                                | 826                                 | 1,087                                      | 826                      | 618                      | 84,499                      | 517,752                  |
| Feb-12  | 125                               | 424                                 | 317  | 282                      | 211                      | 84,425                      | 608,493                  |
| Mar-12  | 125                               | 1,586                               | 1,186                                      | 1,718                    | 1,285                    | 84,553                      | 536,447                  |
| Apr-12  | 125                               | 750                                 | 561  | 888                      | 664                      | 84,681                      | 591,595                  |
| May-12  | 125                               | 5,238                               | 3,918                                      | 2,844                    | 2,127                    | 84,809                      | 621,883                  |
| Jun-12  | 125                               | 5,918                               | 4,427                                      | 2,257                    | 1,689                    | 84,937                      | 1,043,076                |
| Jul-12  | 125                               | 22,442                              | 16,788                                     | 6,930                    | 5,184                    | 85,065                      | 1,633,073                |
| Aug-12  | 125                               | 14,126                              | 10,567                                     | 4,495                    | 3,363                    | 85,208                      | 2,208,773                |
| Sep-12  | 125                               | 29,447                              | 22,027                                     | 5,991                    | 4,481                    | 85,352                      | 2,247,221                |
| Oct-12  | 125                               | 12,985                              | 9,713                                      | 8,822                    | 6,599                    | 85,495                      | 2,179,012                |
| Nov-12  | 125                               | 14,782                              | 11,058                                     | 4,615                    | 3,452                    | 85,638                      | 1,311,980                |

Historic Data

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | (100 Cu. Ft.)                       | (1,000 Gal.)                               | (100 Cu. Ft.)            | (1,000 Gal.)             |                             | (1,000 Gal.)             |
| Dec-12  | 125                               | 1,687                               | 1,262                                      | 4,636                    | 3,468                    | 85,782                      | 749,607                  |
| Jan-13  | 125                               | 1,363                               | 1,020                                      | 2,108                    | 1,577                    | 86,155                      | 562,269                  |
| Feb-13  | 125                               | 456                                 | 341  | 303                      | 227                      | 86,298                      | 654,018                  |
| Mar-13  | 125                               | 1,705                               | 1,276                                      | 1,848                    | 1,382                    | 86,442                      | 576,759                  |
| Apr-13  | 125                               | 804                                 | 602  | 953                      | 713                      | 86,586                      | 634,835                  |
| May-13  | 125                               | 5,583                               | 4,177                                      | 3,031                    | 2,268                    | 86,729                      | 662,874                  |
| Jun-13  | 125                               | 6,117                               | 4,576                                      | 2,333                    | 1,745                    | 86,873                      | 1,078,177                |
| Jul-13  | 125                               | 23,088                              | 17,271                                     | 7,129                    | 5,333                    | 87,017                      | 1,680,048                |
| Aug-13  | 125                               | 14,989                              | 11,213                                     | 4,770                    | 3,568                    | 87,168                      | 2,343,727                |
| Sep-13  | 125                               | 31,249                              | 23,376                                     | 6,357                    | 4,756                    | 87,319                      | 2,384,765                |
| Oct-13  | 125                               | 13,322                              | 9,966                                      | 9,051                    | 6,770                    | 87,470                      | 2,235,568                |
| Nov-13  | 125                               | 15,196                              | 11,368                                     | 4,744                    | 3,549                    | 87,621                      | 1,348,702                |
| Dec-13  | 125                               | 1,740                               | 1,302                                      | 4,784                    | 3,579                    | 87,772                      | 773,483                  |
| Jan-14  | 125                               | 1,404                               | 1,051                                      | 2,172                    | 1,625                    | 87,983                      | 579,385                  |
| Feb-14  | 125                               | 469                                 | 351  | 312                      | 234                      | 88,134                      | 673,361                  |
| Mar-14  | 125                               | 1,755                               | 1,313                                      | 1,902                    | 1,423                    | 88,285                      | 593,655                  |
| Apr-14  | 125                               | 827                                 | 619  | 980                      | 733                      | 88,436                      | 652,982                  |
| May-14  | 125                               | 5,760                               | 4,309                                      | 3,128                    | 2,340                    | 88,587                      | 683,888                  |
| Jun-14  | 125                               | 6,095                               | 4,560                                      | 2,325                    | 1,739                    | 88,738                      | 1,074,367                |
| Jul-14  | 125                               | 23,310                              | 17,437                                     | 7,198                    | 5,384                    | 88,889                      | 1,696,187                |
| Aug-14  | 125                               | 15,329                              | 11,467                                     | 4,878                    | 3,649                    | 89,041                      | 2,396,909                |
| Sep-14  | 125                               | 31,962                              | 23,909                                     | 6,502                    | 4,864                    | 89,193                      | 2,439,219                |
| Oct-14  | 125                               | 13,516                              | 10,110                                     | 9,182                    | 6,869                    | 89,345                      | 2,268,051                |
| Nov-14  | 125                               | 15,288                              | 11,436                                     | 4,773                    | 3,570                    | 89,497                      | 1,356,820                |
| Dec-14  | 125                               | 1,721                               | 1,287                                      | 4,731                    | 3,539                    | 89,649                      | 764,896                  |
| Jan-15  | 125                               | 1,394                               | 1,043                                      | 2,157                    | 1,613                    | 89,853                      | 575,269                  |
| Feb-15  | 125                               | 465                                 | 348  | 309                      | 231                      | 89,997                      | 667,037                  |
| Mar-15  | 125                               | 1,744                               | 1,305                                      | 1,890                    | 1,414                    | 90,141                      | 589,939                  |
| Apr-15  | 125                               | 821                                 | 614  | 972                      | 727                      | 90,284                      | 647,750                  |
| May-15  | 125                               | 5,678                               | 4,247                                      | 3,083                    | 2,306                    | 90,428                      | 674,071                  |
| Jun-15  | 125                               | 6,273                               | 4,693                                      | 2,393                    | 1,790                    | 90,572                      | 1,105,726                |
| Jul-15  | 125                               | 23,897                              | 17,876                                     | 7,379                    | 5,520                    | 90,715                      | 1,738,916                |
| Aug-15  | 125                               | 15,818                              | 11,832                                     | 5,034                    | 3,765                    | 90,858                      | 2,473,248                |
| Sep-15  | 125                               | 32,976                              | 24,668                                     | 6,709                    | 5,018                    | 91,001                      | 2,516,584                |
| Oct-15  | 125                               | 13,824                              | 10,341                                     | 9,392                    | 7,025                    | 91,144                      | 2,319,838                |
| Nov-15  | 125                               | 15,662                              | 11,716                                     | 4,890                    | 3,658                    | 91,286                      | 1,389,998                |
| Dec-15  | 125                               | 1,769                               | 1,323                                      | 4,863                    | 3,638                    | 91,429                      | 786,270                  |
| Jan-16  | 125                               | 1,434                               | 1,073                                      | 2,218                    | 1,659                    | 91,634                      | 591,545                  |
| Feb-16  | 125                               | 478                                 | 357  | 318                      | 238                      | 91,777                      | 685,561                  |
| Mar-16  | 125                               | 1,793                               | 1,341                                      | 1,942                    | 1,453                    | 91,919                      | 606,345                  |
| Apr-16  | 125                               | 843                                 | 631  | 999                      | 747                      | 92,062                      | 665,536                  |
| May-16  | 125                               | 5,855                               | 4,380                                      | 3,179                    | 2,378                    | 92,205                      | 695,146                  |
| Jun-16  | 125                               | 6,445                               | 4,821                                      | 2,458                    | 1,839                    | 92,347                      | 1,135,888                |
| Jul-16  | 125                               | 24,463                              | 18,300                                     | 7,554                    | 5,651                    | 92,490                      | 1,780,135                |
| Aug-16  | 125                               | 16,429                              | 12,290                                     | 5,228                    | 3,911                    | 92,629                      | 2,568,819                |
| Sep-16  | 125                               | 34,251                              | 25,621                                     | 6,968                    | 5,212                    | 92,767                      | 2,613,861                |
| Oct-16  | 125                               | 14,126                              | 10,567                                     | 9,597                    | 7,179                    | 92,906                      | 2,370,479                |
| Nov-16  | 125                               | 16,027                              | 11,989                                     | 5,004                    | 3,743                    | 93,044                      | 1,422,406                |
| Dec-16  | 125                               | 1,816                               | 1,358                                      | 4,992                    | 3,734                    | 93,183                      | 807,128                  |
| Jan-17  | 125                               | 1,473                               | 1,102                                      | 2,278                    | 1,704                    | 93,384                      | 607,547                  |
| Feb-17  | 125                               | 490                                 | 367  | 326                      | 244                      | 93,523                      | 703,813                  |
| Mar-17  | 125                               | 1,841                               | 1,377                                      | 1,994                    | 1,492                    | 93,661                      | 622,602                  |
| Apr-17  | 125                               | 866                                 | 648  | 1,025                    | 767                      | 93,800                      | 683,213                  |
| May-17  | 125                               | 6,033                               | 4,513                                      | 3,276                    | 2,450                    | 93,938                      | 716,287                  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |   |  |   |                             |   |
|---|-----------------------------------|---|---|--|---|-----------------------------|---|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br><small>(100 Cu. Ft.)</small> | <b>Actual Public Authority Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Other Water Sales</b><br><small>(100 Cu. Ft.)</small> | <b>Other Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br><small>(1,000 Gal.)</small> |
| Jun-17  | 125                               | 6,616   | 4,949   | 2,524  | 1,888   | 94,077                      | 1,166,050   |
| Jul-17  | 125                               | 25,025  | 18,720  | 7,728  | 5,781   | 94,215                      | 1,821,017   |
| Aug-17  | 125                               | 17,046  | 12,752  | 5,425  | 4,058   | 94,350                      | 2,665,396   |
| Sep-17  | 125                               | 35,540  | 26,586  | 7,230  | 5,409   | 94,485                      | 2,712,264   |
| Oct-17  | 125                               | 14,425  | 10,791  | 9,800  | 7,331   | 94,620                      | 2,420,698   |
| Nov-17  | 125                               | 16,394  | 12,264  | 5,118  | 3,829   | 94,755                      | 1,455,040   |
| Dec-17  | 125                               | 1,865   | 1,395   | 5,126  | 3,834   | 94,890                      | 828,744   |
| Jan-18  | 125                               | 1,513   | 1,132   | 2,340  | 1,751   | 95,089                      | 624,173   |
| Feb-18  | 125                               | 504   | 377   | 335  | 251   | 95,224                      | 722,920   |
| Mar-18  | 125                               | 1,891   | 1,415   | 2,049  | 1,533   | 95,359                      | 639,646   |
| Apr-18  | 125                               | 889   | 665   | 1,053  | 788   | 95,494                      | 701,888   |
| May-18  | 125                               | 6,225   | 4,656   | 3,380  | 2,528   | 95,629                      | 739,028   |
| Jun-18  | 125                               | 6,443   | 4,819   | 2,458  | 1,838   | 95,764                      | 1,135,571   |
| Jul-18  | 125                               | 24,951  | 18,665  | 7,705  | 5,764   | 95,899                      | 1,815,654   |
| Aug-18  | 125                               | 17,395  | 13,013  | 5,536  | 4,141   | 96,030                      | 2,719,959   |
| Sep-18  | 125                               | 36,275  | 27,135  | 7,380  | 5,520   | 96,161                      | 2,768,305   |
| Oct-18  | 125                               | 14,504  | 10,850  | 9,854  | 7,371   | 96,292                      | 2,433,974   |
| Nov-18  | 125                               | 16,245  | 12,152  | 5,072  | 3,794   | 96,423                      | 1,441,811   |
| Dec-18  | 125                               | 1,792   | 1,341   | 4,926  | 3,685   | 96,554                      | 796,495   |
| Jan-19  | 125                               | 1,464   | 1,095   | 2,264  | 1,693   | 96,750                      | 603,815   |
| Feb-19  | 125                               | 485   | 363   | 323  | 242   | 96,881                      | 696,528   |
| Mar-19  | 125                               | 1,832   | 1,370   | 1,984  | 1,484   | 97,012                      | 619,499   |
| Apr-19  | 125                               | 859   | 642   | 1,017  | 761   | 97,142                      | 677,627   |
| May-19  | 125                               | 5,930   | 4,436   | 3,220  | 2,409   | 97,273                      | 704,033   |
| Jun-19  | 125                               | 6,623   | 4,954   | 2,526  | 1,890   | 97,404                      | 1,167,331   |
| Jul-19  | 125                               | 25,519  | 19,089  | 7,880  | 5,895   | 97,535                      | 1,856,951   |
| Aug-19  | 125                               | 18,026  | 13,485  | 5,736  | 4,291   | 97,670                      | 2,818,613   |
| Sep-19  | 125                               | 37,592  | 28,121  | 7,648  | 5,721   | 97,805                      | 2,868,868   |
| Oct-19  | 125                               | 14,801  | 11,072  | 10,055   | 7,522   | 97,941                      | 2,483,809   |
| Nov-19  | 125                               | 16,618  | 12,431  | 5,188  | 3,881   | 98,076                      | 1,474,855   |
| Dec-19  | 125                               | 1,843   | 1,378   | 5,065  | 3,789   | 98,211                      | 818,947   |
| Jan-20  | 125                               | 1,505   | 1,126   | 2,328  | 1,742   | 98,413                      | 620,946   |
| Feb-20  | 125                               | 499   | 373   | 332  | 248   | 98,548                      | 716,142   |
| Mar-20  | 125                               | 1,883   | 1,409   | 2,040  | 1,526   | 98,684                      | 636,877   |
| Apr-20  | 125                               | 883   | 660   | 1,046  | 782   | 98,819                      | 696,590   |
| May-20  | 125                               | 6,125   | 4,582   | 3,326  | 2,488   | 98,954                      | 727,184   |
| Jun-20  | 125                               | 6,805   | 5,091   | 2,596  | 1,942   | 99,090                      | 1,199,463   |
| Jul-20  | 125                               | 26,097  | 19,522  | 8,059  | 6,028   | 99,225                      | 1,898,990   |
| Aug-20  | 125                               | 18,675  | 13,970  | 5,943  | 4,446   | 99,366                      | 2,920,044   |
| Sep-20  | 125                               | 38,948  | 29,135  | 7,924  | 5,927   | 99,506                      | 2,972,331   |
| Oct-20  | 125                               | 15,104  | 11,299  | 10,261   | 7,676   | 99,647                      | 2,534,641   |
| Nov-20  | 125                               | 16,997  | 12,715  | 5,307  | 3,970   | 99,788                      | 1,508,523   |
| Dec-20  | 125                               | 1,894   | 1,417   | 5,206  | 3,895   | 99,929                      | 841,782   |
| Jan-21  | 125                               | 1,547   | 1,158   | 2,393  | 1,790   | 100,137                     | 638,344   |
| Feb-21  | 125                               | 513   | 384   | 341  | 255   | 100,278                     | 736,129   |
| Mar-21  | 125                               | 1,935   | 1,448   | 2,097  | 1,569   | 100,419                     | 654,578   |
| Apr-21  | 125                               | 907   | 679   | 1,075  | 804   | 100,559                     | 715,959   |
| May-21  | 125                               | 6,325   | 4,731   | 3,434  | 2,569   | 100,700                     | 750,913   |
| Jun-21  | 125                               | 6,993   | 5,231   | 2,667  | 1,995   | 100,841                     | 1,232,498   |
| Jul-21  | 125                               | 26,691  | 19,967  | 8,242  | 6,166   | 100,981                     | 1,942,283   |
| Aug-21  | 125                               | 19,345  | 14,471  | 6,156  | 4,605   | 101,123                     | 3,024,808   |
| Sep-21  | 125                               | 40,347  | 30,182  | 8,208  | 6,140   | 101,265                     | 3,079,085   |
| Oct-21  | 125                               | 15,414  | 11,530  | 10,472   | 7,833   | 101,407                     | 2,586,607   |
| Nov-21  | 125                               | 17,384  | 13,004  | 5,427  | 4,060   | 101,548                     | 1,542,869   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |   |   |  |   |                             |   |
|---|-----------------------------------|---|---|--|---|-----------------------------|---|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br><small>(100 Cu. Ft.)</small> | <b>Actual Public Authority Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Other Water Sales</b><br><small>(100 Cu. Ft.)</small> | <b>Other Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br><small>(1,000 Gal.)</small> |
| Dec-21  | 125                               | 1,946   | 1,456   | 5,350  | 4,002   | 101,690                     | 865,016   |
| Jan-22  | 125                               | 1,590   | 1,190   | 2,459  | 1,840   | 101,900                     | 655,993   |
| Feb-22  | 125                               | 527   | 394   | 351  | 262   | 102,042                     | 756,380   |
| Mar-22  | 125                               | 1,988   | 1,487   | 2,154  | 1,611   | 102,183                     | 672,479   |
| Apr-22  | 125                               | 932   | 697   | 1,104  | 826   | 102,325                     | 735,515   |
| May-22  | 125                               | 6,527   | 4,882   | 3,544  | 2,651   | 102,467                     | 774,866   |
| Jun-22  | 125                               | 6,754   | 5,052   | 2,576  | 1,927   | 102,608                     | 1,190,388   |
| Jul-22  | 125                               | 26,504  | 19,827  | 8,185  | 6,122   | 102,750                     | 1,928,670   |
| Aug-22  | 125                               | 19,665  | 14,711  | 6,258  | 4,681   | 102,890                     | 3,074,882   |
| Sep-22  | 125                               | 41,025  | 30,689  | 8,346  | 6,243   | 103,030                     | 3,130,838   |
| Oct-22  | 125                               | 15,458  | 11,563  | 10,502   | 7,856   | 103,170                     | 2,594,033   |
| Nov-22  | 125                               | 17,140  | 12,822  | 5,351  | 4,003   | 103,310                     | 1,521,232   |
| Dec-22  | 125                               | 1,850   | 1,384   | 5,085  | 3,804   | 103,450                     | 822,246   |
| Jan-23  | 125                               | 1,353   | 1,012   | 2,093  | 1,566   | 103,660                     | 558,200   |
| Feb-23  | 125                               | 490   | 367   | 326  | 244   | 103,800                     | 703,580   |
| Mar-23  | 125                               | 1,802   | 1,348   | 1,953  | 1,461   | 103,940                     | 609,602   |
| Apr-23  | 125                               | 868   | 650   | 1,029  | 769   | 104,080                     | 685,293   |
| May-23  | 125                               | 5,990   | 4,481   | 3,253  | 2,433   | 104,220                     | 711,205   |
| Jun-23  | 125                               | 6,920   | 5,177   | 2,640  | 1,975   | 104,360                     | 1,219,748   |
| Jul-23  | 125                               | 27,105  | 20,276  | 8,370  | 6,261   | 104,500                     | 1,972,405   |
| Aug-23  | 125                               | 20,072  | 15,015  | 6,387  | 4,778   | 104,641                     | 3,138,457   |
| Sep-23  | 125                               | 41,871  | 31,321  | 8,518  | 6,372   | 104,782                     | 3,195,362   |
| Oct-23  | 125                               | 15,221  | 11,386  | 10,340   | 7,735   | 104,923                     | 2,554,185   |
| Nov-23  | 125                               | 17,200  | 12,867  | 5,370  | 4,017   | 105,064                     | 1,526,563   |
| Dec-23  | 125                               | 1,879   | 1,405   | 5,165  | 3,864   | 105,205                     | 835,076   |
| Jan-24  | 125                               | 1,567   | 1,172   | 2,424  | 1,813   | 105,417                     | 646,474   |
| Feb-24  | 125                               | 517   | 387   | 344  | 257   | 105,558                     | 741,925   |
| Mar-24  | 125                               | 1,962   | 1,467   | 2,125  | 1,590   | 105,699                     | 663,514   |
| Apr-24  | 125                               | 916   | 685   | 1,085  | 812   | 105,839                     | 723,111   |
| May-24  | 125                               | 6,349   | 4,749   | 3,447  | 2,579   | 105,980                     | 753,786   |
| Jun-24  | 125                               | 7,138   | 5,340   | 2,723  | 2,037   | 106,121                     | 1,258,187   |
| Jul-24  | 125                               | 27,713  | 20,730  | 8,558  | 6,402   | 106,262                     | 2,016,588   |
| Aug-24  | 125                               | 20,482  | 15,321  | 6,518  | 4,876   | 106,404                     | 3,202,512   |
| Sep-24  | 125                               | 42,721  | 31,958  | 8,691  | 6,502   | 106,545                     | 3,260,300   |
| Oct-24  | 125                               | 16,082  | 12,030  | 10,926   | 8,173   | 106,687                     | 2,698,776   |
| Nov-24  | 125                               | 17,924  | 13,408  | 5,596  | 4,186   | 106,828                     | 1,590,766   |
| Dec-24  | 125                               | 1,957   | 1,464   | 5,378  | 4,023   | 106,970                     | 869,597   |
| Jan-25  | 125                               | 1,611   | 1,205   | 2,491  | 1,863   | 107,183                     | 664,405   |
| Feb-25  | 125                               | 531   | 397   | 354  | 264   | 107,325                     | 762,424   |
| Mar-25  | 125                               | 2,015   | 1,508   | 2,183  | 1,633   | 107,467                     | 681,612   |
| Apr-25  | 125                               | 941   | 704   | 1,115  | 834   | 107,608                     | 742,814   |
| May-25  | 125                               | 6,553   | 4,902   | 3,558  | 2,662   | 107,750                     | 778,031   |
| Jun-25  | 125                               | 7,329   | 5,482   | 2,796  | 2,091   | 107,891                     | 1,291,744   |
| Jul-25  | 125                               | 28,314  | 21,180  | 8,743  | 6,541   | 108,033                     | 2,060,371   |
| Aug-25  | 125                               | 20,890  | 15,627  | 6,648  | 4,973   | 108,178                     | 3,266,376   |
| Sep-25  | 125                               | 43,571  | 32,594  | 8,864  | 6,631   | 108,323                     | 3,325,168   |
| Oct-25  | 125                               | 16,395  | 12,264  | 11,138   | 8,332   | 108,469                     | 2,751,258   |
| Nov-25  | 125                               | 18,314  | 13,699  | 5,718  | 4,277   | 108,614                     | 1,625,373   |
| Dec-25  | 125                               | 2,009   | 1,503   | 5,522  | 4,131   | 108,759                     | 892,900   |
| Jan-26  | 125                               | 1,654   | 1,237   | 2,558  | 1,913   | 108,978                     | 682,169   |
| Feb-26  | 125                               | 545   | 408   | 363  | 272   | 109,123                     | 782,766   |
| Mar-26  | 125                               | 2,069   | 1,547   | 2,241  | 1,676   | 109,269                     | 699,633   |
| Apr-26  | 125                               | 966   | 723   | 1,144  | 856   | 109,414                     | 762,475   |
| May-26  | 125                               | 6,758   | 5,055   | 3,669  | 2,745   | 109,559                     | 802,309   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |  |  |   |  |                             |  |
|---|-----------------------------------|--|--|---|--|-----------------------------|--|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br>(100 Cu. Ft.) | <b>Actual Public Authority Water Sales</b><br>(1,000 Gal.) | <b>Other Water Sales</b><br>(100 Cu. Ft.) | <b>Other Water Sales</b><br>(1,000 Gal.) | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br>(1,000 Gal.) |
| Jun-26  | 125                               | 7,053  | 5,276  | 2,690                                     | 2,013                                    | 109,704                     | 1,243,123                                |
| Jul-26  | 125                               | 28,065   | 20,994   | 8,667                                     | 6,483                                    | 109,850                     | 2,042,246                                |
| Aug-26  | 125                               | 20,909   | 15,641   | 6,654                                     | 4,977                                    | 110,003                     | 3,269,332                                |
| Sep-26  | 125                               | 43,621   | 32,631   | 8,874                                     | 6,638                                    | 110,156                     | 3,328,938                                |
| Oct-26  | 125                               | 16,422   | 12,285   | 11,157                                    | 8,346                                    | 110,309                     | 2,755,852                                |
| Nov-26  | 125                               | 18,019   | 13,479   | 5,626                                     | 4,208                                    | 110,462                     | 1,599,235                                |
| Dec-26  | 125                               | 1,899  | 1,421  | 5,221                                     | 3,906                                    | 110,616                     | 844,196                                  |
| Jan-27  | 125                               | 1,577  | 1,180  | 2,439                                     | 1,825                                    | 110,843                     | 650,578                                  |
| Feb-27  | 125                               | 517  | 387  | 344                                       | 258                                      | 110,996                     | 742,663                                  |
| Mar-27  | 125                               | 1,976  | 1,478  | 2,141                                     | 1,602                                    | 111,149                     | 668,371                                  |
| Apr-27  | 125                               | 919  | 688  | 1,089                                     | 815                                      | 111,302                     | 725,469                                  |
| May-27  | 125                               | 6,321  | 4,728  | 3,432                                     | 2,567                                    | 111,456                     | 750,459                                  |
| Jun-27  | 125                               | 7,250  | 5,424  | 2,766                                     | 2,069                                    | 111,609                     | 1,277,937                                |
| Jul-27  | 125                               | 28,698   | 21,467   | 8,862                                     | 6,629                                    | 111,762                     | 2,088,285                                |
| Aug-27  | 125                               | 21,340   | 15,963   | 6,791                                     | 5,080                                    | 111,915                     | 3,336,706                                |
| Sep-27  | 125                               | 44,517   | 33,301   | 9,057                                     | 6,775                                    | 112,068                     | 3,397,297                                |
| Oct-27  | 125                               | 16,750   | 12,530   | 11,380                                    | 8,513                                    | 112,221                     | 2,810,882                                |
| Nov-27  | 125                               | 18,425   | 13,783   | 5,752                                     | 4,303                                    | 112,374                     | 1,635,234                                |
| Dec-27  | 125                               | 1,953  | 1,461  | 5,369                                     | 4,017                                    | 112,526                     | 868,156                                  |
| Jan-28  | 125                               | 1,621  | 1,213  | 2,507                                     | 1,876                                    | 112,755                     | 668,791                                  |
| Feb-28  | 125                               | 532  | 398  | 354                                       | 265                                      | 112,908                     | 763,531                                  |
| Mar-28  | 125                               | 2,031  | 1,519  | 2,200                                     | 1,646                                    | 113,061                     | 686,829                                  |
| Apr-28  | 125                               | 945  | 707  | 1,119                                     | 837                                      | 113,214                     | 745,605                                  |
| May-28  | 125                               | 6,531  | 4,885  | 3,546                                     | 2,652                                    | 113,367                     | 775,354                                  |
| Jun-28  | 125                               | 7,448  | 5,572  | 2,841                                     | 2,125                                    | 113,519                     | 1,312,785                                |
| Jul-28  | 125                               | 29,330   | 21,940   | 9,057                                     | 6,775                                    | 113,672                     | 2,134,286                                |
| Aug-28  | 125                               | 21,771   | 16,286   | 6,928                                     | 5,183                                    | 113,828                     | 3,404,097                                |
| Sep-28  | 125                               | 45,414   | 33,972   | 9,239                                     | 6,911                                    | 113,983                     | 3,465,748                                |
| Oct-28  | 125                               | 17,079   | 12,776   | 11,603                                    | 8,679                                    | 114,139                     | 2,866,000                                |
| Nov-28  | 125                               | 18,831   | 14,086   | 5,879                                     | 4,398                                    | 114,294                     | 1,671,273                                |
| Dec-28  | 125                               | 2,007  | 1,501  | 5,517                                     | 4,127                                    | 114,450                     | 892,098                                  |
| Jan-29  | 125                               | 1,665  | 1,246  | 2,576                                     | 1,927                                    | 114,682                     | 687,020                                  |
| Feb-29  | 125                               | 547  | 409  | 364                                       | 272                                      | 114,838                     | 784,419                                  |
| Mar-29  | 125                               | 2,085  | 1,560  | 2,259                                     | 1,690                                    | 114,993                     | 705,331                                  |
| Apr-29  | 125                               | 970  | 726  | 1,149                                     | 860                                      | 115,149                     | 765,793                                  |
| May-29  | 125                               | 6,741  | 5,043  | 3,660                                     | 2,738                                    | 115,304                     | 800,362                                  |
| Jun-29  | 125                               | 7,648  | 5,721  | 2,917                                     | 2,182                                    | 115,470                     | 1,347,967                                |
| Jul-29  | 125                               | 29,973   | 22,421   | 9,256                                     | 6,924                                    | 115,635                     | 2,181,092                                |
| Aug-29  | 125                               | 22,212   | 16,616   | 7,068                                     | 5,288                                    | 115,803                     | 3,473,044                                |
| Sep-29  | 125                               | 46,335   | 34,661   | 9,426                                     | 7,051                                    | 115,971                     | 3,536,033                                |
| Oct-29  | 125                               | 17,417   | 13,028   | 11,832                                    | 8,851                                    | 116,139                     | 2,922,688                                |
| Nov-29  | 125                               | 19,247   | 14,398   | 6,009                                     | 4,495                                    | 116,307                     | 1,708,248                                |
| Dec-29  | 125                               | 2,062  | 1,542  | 5,668                                     | 4,240                                    | 116,475                     | 916,476                                  |
| Jan-30  | 125                               | 1,710  | 1,279  | 2,645                                     | 1,979                                    | 116,722                     | 705,581                                  |
| Feb-30  | 125                               | 561  | 420  | 374                                       | 279                                      | 116,890                     | 805,756                                  |
| Mar-30  | 125                               | 2,141  | 1,602  | 2,320                                     | 1,735                                    | 117,058                     | 724,242                                  |
| Apr-30  | 125                               | 997  | 745  | 1,180                                     | 883                                      | 117,226                     | 786,488                                  |
| May-30  | 125                               | 6,957  | 5,204  | 3,777                                     | 2,826                                    | 117,394                     | 826,002                                  |
| Jun-30  | 125                               | 7,363  | 5,508  | 2,809                                     | 2,101                                    | 117,562                     | 1,297,716                                |
| Jul-30  | 125                               | 29,740   | 22,247   | 9,184                                     | 6,870                                    | 117,730                     | 2,164,135                                |
| Aug-30  | 125                               | 22,254   | 16,647   | 7,082                                     | 5,298                                    | 117,901                     | 3,479,720                                |
| Sep-30  | 125                               | 46,432   | 34,734   | 9,446                                     | 7,066                                    | 118,072                     | 3,543,495                                |
| Oct-30  | 125                               | 17,459   | 13,060   | 11,861                                    | 8,873                                    | 118,243                     | 2,929,793                                |
| Nov-30  | 125                               | 18,948   | 14,174   | 5,916                                     | 4,425                                    | 118,414                     | 1,681,637                                |

Forecast  
Data

**Appendix A - Table A2  
Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |  |   |   |   |                             |   |
|---|-----------------------------------|--|---|---|---|-----------------------------|---|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales<br/>(100 Cu. Ft)</b> | <b>Actual Public Authority Water Sales<br/>(1,000 Gal.)</b> | <b>Other Water Sales<br/>(100 Cu. Ft)</b> | <b>Other Water Sales<br/>(1,000 Gal.)</b> | <b>Suez Total Customers</b> | <b>Total Water Sales<br/>(1,000 Gal.)</b> |
| Dec-30  | 125                               | 1,947  | 1,456   | 5,351                                     | 4,003                                     | 118,584                     | 865,241                                   |
| Jan-31  | 125                               | 1,630  | 1,219   | 2,520                                     | 1,885                                     | 118,835                     | 672,222                                   |
| Feb-31  | 125                               | 532  | 398   | 354                                       | 265                                       | 119,006                     | 763,464                                   |
| Mar-31  | 125                               | 2,044  | 1,529   | 2,214                                     | 1,656                                     | 119,176                     | 691,178                                   |
| Apr-31  | 125                               | 947  | 708   | 1,122                                     | 839                                       | 119,347                     | 747,378                                   |
| May-31  | 125                               | 6,497  | 4,860   | 3,528                                     | 2,639                                     | 119,518                     | 771,364                                   |
| Jun-31  | 125                               | 7,571  | 5,664   | 2,888                                     | 2,160                                     | 119,689                     | 1,334,503                                 |
| Jul-31  | 125                               | 30,417   | 22,753  | 9,393                                     | 7,026                                     | 119,860                     | 2,213,372                                 |
| Aug-31  | 125                               | 22,719   | 16,995  | 7,230                                     | 5,408                                     | 120,032                     | 3,552,313                                 |
| Sep-31  | 125                               | 47,399   | 35,457  | 9,643                                     | 7,213                                     | 120,204                     | 3,617,286                                 |
| Oct-31  | 125                               | 17,810   | 13,323  | 12,100                                    | 9,051                                     | 120,377                     | 2,988,781                                 |
| Nov-31  | 125                               | 19,379   | 14,496  | 6,050                                     | 4,526                                     | 120,549                     | 1,719,892                                 |
| Dec-31  | 125                               | 2,003  | 1,498   | 5,506                                     | 4,119                                     | 120,721                     | 890,321                                   |
| Jan-32  | 125                               | 1,474  | 1,103   | 2,280                                     | 1,706                                     | 120,974                     | 608,212                                   |
| Feb-32  | 125                               | 533  | 398   | 355                                       | 265                                       | 121,146                     | 764,510                                   |
| Mar-32  | 125                               | 1,976  | 1,478   | 2,141                                     | 1,602                                     | 121,318                     | 668,459                                   |
| Apr-32  | 125                               | 947  | 709   | 1,122                                     | 839                                       | 121,491                     | 747,535                                   |
| May-32  | 125                               | 6,541  | 4,893   | 3,552                                     | 2,657                                     | 121,663                     | 776,620                                   |
| Jun-32  | 125                               | 7,755  | 5,801   | 2,958                                     | 2,213                                     | 121,835                     | 1,366,786                                 |
| Jul-32  | 125                               | 31,103   | 23,267  | 9,605                                     | 7,185                                     | 122,007                     | 2,263,328                                 |
| Aug-32  | 125                               | 23,189   | 17,347  | 7,379                                     | 5,520                                     | 122,182                     | 3,625,884                                 |
| Sep-32  | 125                               | 48,379   | 36,190  | 9,842                                     | 7,363                                     | 122,357                     | 3,692,074                                 |
| Oct-32  | 125                               | 17,523   | 13,108  | 11,904                                    | 8,905                                     | 122,532                     | 2,940,458                                 |
| Nov-32  | 125                               | 19,426   | 14,532  | 6,065                                     | 4,537                                     | 122,707                     | 1,724,129                                 |
| Dec-32  | 125                               | 2,032  | 1,520   | 5,585                                     | 4,178                                     | 122,882                     | 902,946                                   |
| Jan-33  | 125                               | 1,722  | 1,288   | 2,664                                     | 1,993                                     | 123,140                     | 710,491                                   |
| Feb-33  | 125                               | 563  | 421   | 374                                       | 280                                       | 123,315                     | 807,543                                   |
| Mar-33  | 125                               | 2,159  | 1,615   | 2,339                                     | 1,750                                     | 123,490                     | 730,110                                   |
| Apr-33  | 125                               | 1,001  | 749   | 1,186                                     | 887                                       | 123,665                     | 790,014                                   |
| May-33  | 125                               | 6,945  | 5,195   | 3,771                                     | 2,821                                     | 123,840                     | 824,554                                   |
| Jun-33  | 125                               | 7,999  | 5,984   | 3,051                                     | 2,282                                     | 124,015                     | 1,409,851                                 |
| Jul-33  | 125                               | 31,800   | 23,788  | 9,820                                     | 7,346                                     | 124,190                     | 2,314,028                                 |
| Aug-33  | 125                               | 23,666   | 17,704  | 7,531                                     | 5,634                                     | 124,367                     | 3,700,485                                 |
| Sep-33  | 125                               | 49,372   | 36,933  | 10,044                                    | 7,514                                     | 124,543                     | 3,767,857                                 |
| Oct-33  | 125                               | 18,527   | 13,859  | 12,587                                    | 9,415                                     | 124,720                     | 3,109,044                                 |
| Nov-33  | 125                               | 20,257   | 15,153  | 6,325                                     | 4,731                                     | 124,896                     | 1,797,881                                 |
| Dec-33  | 125                               | 2,118  | 1,584   | 5,823                                     | 4,356                                     | 125,073                     | 941,427                                   |
| Jan-34  | 125                               | 1,769  | 1,324   | 2,736                                     | 2,047                                     | 125,333                     | 729,883                                   |
| Feb-34  | 125                               | 578  | 433   | 385                                       | 288                                       | 125,509                     | 829,842                                   |
| Mar-34  | 125                               | 2,217  | 1,658   | 2,402                                     | 1,797                                     | 125,686                     | 749,788                                   |
| Apr-34  | 125                               | 1,028  | 769   | 1,218                                     | 911                                       | 125,862                     | 811,528                                   |
| May-34  | 125                               | 7,172  | 5,365   | 3,894                                     | 2,913                                     | 126,039                     | 851,432                                   |
| Jun-34  | 125                               | 7,676  | 5,742   | 2,928                                     | 2,190                                     | 126,215                     | 1,352,956                                 |
| Jul-34  | 125                               | 31,510   | 23,571  | 9,730                                     | 7,279                                     | 126,392                     | 2,292,921                                 |
| Aug-34  | 125                               | 23,689   | 17,721  | 7,539                                     | 5,639                                     | 126,570                     | 3,704,082                                 |
| Sep-34  | 125                               | 49,431   | 36,977  | 10,056                                    | 7,523                                     | 126,748                     | 3,772,345                                 |
| Oct-34  | 125                               | 18,555   | 13,880  | 12,605                                    | 9,429                                     | 126,926                     | 3,113,638                                 |
| Nov-34  | 125                               | 19,907   | 14,891  | 6,215                                     | 4,649                                     | 127,105                     | 1,766,768                                 |
| Dec-34  | 125                               | 1,989  | 1,488   | 5,468                                     | 4,091                                     | 127,283                     | 884,148                                   |
| Jan-35  | 125                               | 1,679  | 1,256   | 2,596                                     | 1,942                                     | 127,546                     | 692,523                                   |
| Feb-35  | 125                               | 545  | 408   | 363                                       | 271                                       | 127,724                     | 782,639                                   |
| Mar-35  | 125                               | 2,108  | 1,577   | 2,284                                     | 1,708                                     | 127,902                     | 712,855                                   |
| Apr-35  | 125                               | 973  | 728   | 1,153                                     | 862                                       | 128,081                     | 767,967                                   |
| May-35  | 125                               | 6,663  | 4,984   | 3,618                                     | 2,706                                     | 128,259                     | 791,025                                   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |  |   |   |   |                             |   |
|---|-----------------------------------|--|---|---|---|-----------------------------|---|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b><br><small>(100 Cu. Ft)</small> | <b>Actual Public Authority Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Other Water Sales</b><br><small>(100 Cu. Ft)</small> | <b>Other Water Sales</b><br><small>(1,000 Gal.)</small> | <b>Suez Total Customers</b> | <b>Total Water Sales</b><br><small>(1,000 Gal.)</small> |
| Jun-35  | 125                               | 7,900  | 5,909   | 3,013   | 2,254   | 128,437                     | 1,392,376   |
| Jul-35  | 125                               | 32,228   | 24,108  | 9,952   | 7,445   | 128,615                     | 2,345,165   |
| Aug-35  | 125                               | 24,179   | 18,087  | 7,694   | 5,756   | 128,796                     | 3,780,628   |
| Sep-35  | 125                               | 50,450   | 37,739  | 10,264  | 7,678   | 128,977                     | 3,850,087   |
| Oct-35  | 125                               | 18,923   | 14,156  | 12,856  | 9,617   | 129,157                     | 3,175,555   |
| Nov-35  | 125                               | 20,361   | 15,231  | 6,357   | 4,755   | 129,338                     | 1,807,065   |
| Dec-35  | 125                               | 2,049  | 1,533   | 5,632   | 4,213   | 129,519                     | 910,687   |
| Jan-36  | 125                               | 1,727  | 1,292   | 2,672   | 1,998   | 129,786                     | 712,552   |
| Feb-36  | 125                               | 561  | 420   | 374   | 279   | 129,967                     | 805,658   |
| Mar-36  | 125                               | 2,168  | 1,621   | 2,348   | 1,757   | 130,147                     | 733,127   |
| Apr-36  | 125                               | 1,001  | 749   | 1,186   | 887   | 130,328                     | 790,117   |
| May-36  | 125                               | 6,897  | 5,159   | 3,745   | 2,801   | 130,509                     | 818,816   |
| Jun-36  | 125                               | 8,122  | 6,076   | 3,098   | 2,318   | 130,690                     | 1,431,610   |
| Jul-36  | 125                               | 32,946   | 24,645  | 10,174  | 7,610   | 130,871                     | 2,397,429   |
| Aug-36  | 125                               | 24,671   | 18,455  | 7,851   | 5,873   | 131,055                     | 3,857,515   |
| Sep-36  | 125                               | 51,474   | 38,505  | 10,472  | 7,833   | 131,239                     | 3,928,230   |
| Oct-36  | 125                               | 19,294   | 14,433  | 13,108  | 9,805   | 131,424                     | 3,237,719   |
| Nov-36  | 125                               | 20,814   | 15,570  | 6,498   | 4,861   | 131,608                     | 1,847,288   |
| Dec-36  | 125                               | 2,108  | 1,577   | 5,795   | 4,335   | 131,793                     | 936,926   |
| Jan-37  | 125                               | 1,775  | 1,328   | 2,746   | 2,054   | 132,065                     | 732,377   |
| Feb-37  | 125                               | 577  | 432   | 384   | 287   | 132,250                     | 828,461   |
| Mar-37  | 125                               | 2,227  | 1,666   | 2,413   | 1,805   | 132,434                     | 753,232   |
| Apr-37  | 125                               | 1,029  | 770   | 1,219   | 912   | 132,619                     | 812,101   |
| May-37  | 125                               | 7,130  | 5,333   | 3,871   | 2,896   | 132,803                     | 846,480   |
| Jun-37  | 125                               | 8,345  | 6,243   | 3,183   | 2,381   | 132,988                     | 1,470,894   |
| Jul-37  | 125                               | 33,670   | 25,187  | 10,397  | 7,778   | 133,172                     | 2,450,093   |
| Aug-37  | 125                               | 25,167   | 18,826  | 8,009   | 5,991   | 133,359                     | 3,935,173   |
| Sep-37  | 125                               | 52,508   | 39,279  | 10,682  | 7,991   | 133,545                     | 4,007,157   |
| Oct-37  | 125                               | 19,667   | 14,712  | 13,361  | 9,995   | 133,732                     | 3,300,383   |
| Nov-37  | 125                               | 21,269   | 15,910  | 6,640   | 4,967   | 133,918                     | 1,887,661   |
| Dec-37  | 125                               | 2,167  | 1,621   | 5,956   | 4,456   | 134,105                     | 963,080   |
| Jan-38  | 125                               | 1,823  | 1,364   | 2,820   | 2,109   | 134,381                     | 752,152   |
| Feb-38  | 125                               | 593  | 444   | 395   | 295   | 134,567                     | 851,208   |
| Mar-38  | 125                               | 2,286  | 1,710   | 2,477   | 1,853   | 134,754                     | 773,310   |
| Apr-38  | 125                               | 1,057  | 791   | 1,252   | 936   | 134,941                     | 834,055   |
| May-38  | 125                               | 7,363  | 5,508   | 3,998   | 2,990   | 135,127                     | 874,149   |
| Jun-38  | 125                               | 7,978  | 5,968   | 3,043   | 2,277   | 135,314                     | 1,406,257   |
| Jul-38  | 125                               | 33,314   | 24,921  | 10,287  | 7,696   | 135,500                     | 2,424,226   |
| Aug-38  | 125                               | 25,168   | 18,827  | 8,009   | 5,991   | 135,688                     | 3,935,199   |
| Sep-38  | 125                               | 52,520   | 39,288  | 10,685  | 7,993   | 135,877                     | 4,008,074   |
| Oct-38  | 125                               | 19,676   | 14,719  | 13,367  | 9,999   | 136,065                     | 3,301,887   |
| Nov-38  | 125                               | 20,855   | 15,600  | 6,511   | 4,871   | 136,253                     | 1,850,898   |
| Dec-38  | 125                               | 2,021  | 1,512   | 5,555   | 4,155   | 136,441                     | 898,113   |
| Jan-39  | 125                               | 1,720  | 1,287   | 2,660   | 1,990   | 136,720                     | 709,574   |
| Feb-39  | 125                               | 556  | 416   | 370   | 277   | 136,908                     | 797,503   |
| Mar-39  | 125                               | 2,162  | 1,617   | 2,342   | 1,752   | 137,096                     | 731,115   |
| Apr-39  | 125                               | 994  | 743   | 1,177   | 881   | 137,285                     | 784,349   |
| May-39  | 125                               | 6,786  | 5,076   | 3,684   | 2,756   | 137,473                     | 805,608   |
| Jun-39  | 125                               | 8,206  | 6,139   | 3,130   | 2,342   | 137,661                     | 1,446,438   |
| Jul-39  | 125                               | 34,055   | 25,475  | 10,516  | 7,867   | 137,849                     | 2,478,126   |
| Aug-39  | 125                               | 25,675   | 19,206  | 8,170   | 6,112   | 138,033                     | 4,014,507   |
| Sep-39  | 125                               | 53,574   | 40,076  | 10,899  | 8,153   | 138,218                     | 4,088,529   |
| Oct-39  | 125                               | 20,056   | 15,003  | 13,625  | 10,193  | 138,402                     | 3,365,637   |
| Nov-39  | 125                               | 21,317   | 15,946  | 6,655   | 4,978   | 138,586                     | 1,891,907   |

Forecast  
Data

**Appendix A - Table A2  
Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | <b>(100 Cu. Ft)</b>                 | <b>(1,000 Gal.)</b>                        | <b>(100 Cu. Ft)</b>      | <b>(1,000 Gal.)</b>      |                             | <b>(1,000 Gal.)</b>      |
| Dec-39  | 125                               | 2,080                               | 1,556                                      | 5,719                    | 4,278                    | 138,770                     | 924,666                  |
| Jan-40  | 125                               | 1,769                               | 1,323                                      | 2,736                    | 2,047                    | 139,046                     | 729,707                  |
| Feb-40  | 125                               | 572                                 | 428  | 381                      | 285                      | 139,231                     | 820,587                  |
| Mar-40  | 125                               | 2,222                               | 1,662                                      | 2,407                    | 1,801                    | 139,415                     | 751,523                  |
| Apr-40  | 125                               | 1,022                               | 765  | 1,211                    | 906                      | 139,599                     | 806,606                  |
| May-40  | 125                               | 7,023                               | 5,253                                      | 3,813                    | 2,852                    | 139,783                     | 833,753                  |
| Jun-40  | 125                               | 8,433                               | 6,308                                      | 3,217                    | 2,406                    | 139,967                     | 1,486,296                |
| Jul-40  | 125                               | 34,787                              | 26,023                                     | 10,742                   | 8,036                    | 140,151                     | 2,531,394                |
| Aug-40  | 125                               | 26,178                              | 19,583                                     | 8,331                    | 6,232                    | 140,347                     | 4,093,233                |
| Sep-40  | 125                               | 54,627                              | 40,863                                     | 11,113                   | 8,313                    | 140,542                     | 4,168,835                |
| Oct-40  | 125                               | 20,437                              | 15,288                                     | 13,884                   | 10,386                   | 140,737                     | 3,429,614                |
| Nov-40  | 125                               | 21,784                              | 16,295                                     | 6,801                    | 5,088                    | 140,933                     | 1,933,357                |
| Dec-40  | 125                               | 2,141                               | 1,602                                      | 5,886                    | 4,403                    | 141,128                     | 951,758                  |
| Jan-41  | 125                               | 1,586                               | 1,186                                      | 2,452                    | 1,835                    | 141,417                     | 654,111                  |
| Feb-41  | 125                               | 571                                 | 428  | 380                      | 285                      | 141,613                     | 820,266                  |
| Mar-41  | 125                               | 2,140                               | 1,601                                      | 2,319                    | 1,735                    | 141,808                     | 723,929                  |
| Apr-41  | 125                               | 1,021                               | 763  | 1,209                    | 904                      | 142,004                     | 805,479                  |
| May-41  | 125                               | 7,065                               | 5,285                                      | 3,836                    | 2,870                    | 142,199                     | 838,831                  |
| Jun-41  | 125                               | 8,638                               | 6,461                                      | 3,295                    | 2,465                    | 142,395                     | 1,522,461                |
| Jul-41  | 125                               | 35,561                              | 26,601                                     | 10,981                   | 8,214                    | 142,590                     | 2,587,667                |
| Aug-41  | 125                               | 26,707                              | 19,978                                     | 8,499                    | 6,358                    | 142,790                     | 4,175,940                |
| Sep-41  | 125                               | 55,728                              | 41,687                                     | 11,337                   | 8,481                    | 142,989                     | 4,252,901                |
| Oct-41  | 125                               | 20,092                              | 15,030                                     | 13,650                   | 10,211                   | 143,189                     | 3,371,583                |
| Nov-41  | 125                               | 21,818                              | 16,321                                     | 6,812                    | 5,096                    | 143,388                     | 1,936,433                |
| Dec-41  | 125                               | 2,171                               | 1,624                                      | 5,967                    | 4,464                    | 143,588                     | 964,809                  |
| Jan-42  | 125                               | 1,870                               | 1,399                                      | 2,892                    | 2,164                    | 143,883                     | 771,424                  |
| Feb-42  | 125                               | 605                                 | 453  | 403                      | 301                      | 144,082                     | 868,645                  |
| Mar-42  | 125                               | 2,348                               | 1,756                                      | 2,544                    | 1,903                    | 144,282                     | 794,021                  |
| Apr-42  | 125                               | 1,081                               | 809  | 1,281                    | 958                      | 144,481                     | 853,164                  |
| May-42  | 125                               | 7,521                               | 5,626                                      | 4,084                    | 3,055                    | 144,681                     | 892,971                  |
| Jun-42  | 125                               | 8,272                               | 6,188                                      | 3,155                    | 2,360                    | 144,881                     | 1,457,942                |
| Jul-42  | 125                               | 35,166                              | 26,306                                     | 10,859                   | 8,123                    | 145,080                     | 2,558,932                |
| Aug-42  | 125                               | 26,700                              | 19,973                                     | 8,497                    | 6,356                    | 145,284                     | 4,174,822                |
| Sep-42  | 125                               | 55,726                              | 41,686                                     | 11,337                   | 8,481                    | 145,488                     | 4,252,772                |
| Oct-42  | 125                               | 20,837                              | 15,587                                     | 14,156                   | 10,589                   | 145,691                     | 3,496,692                |
| Nov-42  | 125                               | 21,811                              | 16,316                                     | 6,810                    | 5,094                    | 145,895                     | 1,935,794                |
| Dec-42  | 125                               | 2,045                               | 1,530                                      | 5,621                    | 4,205                    | 146,099                     | 908,804                  |
| Jan-43  | 125                               | 1,757                               | 1,315                                      | 2,718                    | 2,033                    | 146,400                     | 724,922                  |
| Feb-43  | 125                               | 564                                 | 422  | 376                      | 281                      | 146,603                     | 810,024                  |
| Mar-43  | 125                               | 2,211                               | 1,654                                      | 2,396                    | 1,792                    | 146,807                     | 747,917                  |
| Apr-43  | 125                               | 1,012                               | 757  | 1,199                    | 897                      | 147,011                     | 798,881                  |
| May-43  | 125                               | 6,893                               | 5,157                                      | 3,743                    | 2,800                    | 147,215                     | 818,398                  |
| Jun-43  | 125                               | 8,515                               | 6,370                                      | 3,248                    | 2,430                    | 147,419                     | 1,500,858                |
| Jul-43  | 125                               | 35,958                              | 26,899                                     | 11,104                   | 8,306                    | 147,623                     | 2,616,613                |
| Aug-43  | 125                               | 27,245                              | 20,380                                     | 8,670                    | 6,486                    | 147,831                     | 4,259,968                |
| Sep-43  | 125                               | 56,861                              | 42,535                                     | 11,568                   | 8,653                    | 148,039                     | 4,339,380                |
| Oct-43  | 125                               | 21,245                              | 15,892                                     | 14,433                   | 10,797                   | 148,246                     | 3,565,123                |
| Nov-43  | 125                               | 22,306                              | 16,686                                     | 6,964                    | 5,210                    | 148,454                     | 1,979,738                |
| Dec-43  | 125                               | 2,108                               | 1,577                                      | 5,796                    | 4,336                    | 148,662                     | 937,101                  |
| Jan-44  | 125                               | 1,809                               | 1,353                                      | 2,798                    | 2,093                    | 148,969                     | 746,320                  |
| Feb-44  | 125                               | 582                                 | 435  | 387                      | 290                      | 149,177                     | 834,660                  |
| Mar-44  | 125                               | 2,276                               | 1,702                                      | 2,465                    | 1,844                    | 149,386                     | 769,668                  |
| Apr-44  | 125                               | 1,042                               | 780  | 1,235                    | 924                      | 149,594                     | 822,683                  |
| May-44  | 125                               | 7,149                               | 5,348                                      | 3,882                    | 2,904                    | 149,802                     | 848,764                  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                              |                             |                             |                             |
|---|-----------------------------------|-------------------------------------|--|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b>     | <b>Other Water Sales</b>    | <b>Suez Total Customers</b> | <b>Total Water Sales</b>    |
|   |                                   | <small>(100 Cu. Ft.)</small>        | <small>(1,000 Gal.)</small>                | <small>(100 Cu. Ft.)</small> | <small>(1,000 Gal.)</small> |                             | <small>(1,000 Gal.)</small> |
| Jun-44  | 125                               | 8,761                               | 6,554                                      | 3,342                        | 2,500                       | 150,010                     | 1,544,232                   |
| Jul-44  | 125                               | 36,762                              | 27,500                                     | 11,352                       | 8,492                       | 150,218                     | 2,675,097                   |
| Aug-44  | 125                               | 27,797                              | 20,794                                     | 8,846                        | 6,617                       | 150,430                     | 4,346,420                   |
| Sep-44  | 125                               | 58,014                              | 43,397                                     | 11,802                       | 8,829                       | 150,643                     | 4,427,317                   |
| Oct-44  | 125                               | 21,658                              | 16,202                                     | 14,714                       | 11,007                      | 150,855                     | 3,634,509                   |
| Nov-44  | 125                               | 22,807                              | 17,061                                     | 7,120                        | 5,326                       | 151,067                     | 2,024,150                   |
| Dec-44  | 125                               | 2,172                               | 1,625                                      | 5,972                        | 4,467                       | 151,280                     | 965,532                     |
| Jan-45  | 125                               | 1,861                               | 1,392                                      | 2,879                        | 2,153                       | 151,593                     | 767,814                     |
| Feb-45  | 125                               | 599                                 | 448  | 399                          | 298                         | 151,805                     | 859,401                     |
| Mar-45  | 125                               | 2,340                               | 1,751                                      | 2,535                        | 1,897                       | 152,018                     | 791,511                     |
| Apr-45  | 125                               | 1,073                               | 802  | 1,271                        | 950                         | 152,230                     | 846,579                     |
| May-45  | 125                               | 7,406                               | 5,540                                      | 4,021                        | 3,008                       | 152,443                     | 879,294                     |
| Jun-45  | 125                               | 9,009                               | 6,740                                      | 3,437                        | 2,571                       | 152,655                     | 1,587,983                   |
| Jul-45  | 125                               | 37,576                              | 28,109                                     | 11,603                       | 8,680                       | 152,868                     | 2,734,325                   |
| Aug-45  | 125                               | 28,358                              | 21,214                                     | 9,024                        | 6,751                       | 153,084                     | 4,434,134                   |
| Sep-45  | 125                               | 59,183                              | 44,272                                     | 12,040                       | 9,007                       | 153,301                     | 4,516,548                   |
| Oct-45  | 125                               | 22,077                              | 16,515                                     | 14,999                       | 11,220                      | 153,518                     | 3,704,826                   |
| Nov-45  | 125                               | 23,312                              | 17,438                                     | 7,278                        | 5,444                       | 153,735                     | 2,068,990                   |
| Dec-45  | 125                               | 2,237                               | 1,673                                      | 6,148                        | 4,599                       | 153,952                     | 994,053                     |
| Jan-46  | 125                               | 1,914                               | 1,431                                      | 2,960                        | 2,214                       | 154,271                     | 789,376                     |
| Feb-46  | 125                               | 616                                 | 461  | 410                          | 307                         | 154,488                     | 884,221                     |
| Mar-46  | 125                               | 2,405                               | 1,799                                      | 2,606                        | 1,949                       | 154,705                     | 813,431                     |
| Apr-46  | 125                               | 1,103                               | 825  | 1,307                        | 977                         | 154,922                     | 870,556                     |
| May-46  | 125                               | 7,665                               | 5,734                                      | 4,162                        | 3,113                       | 155,138                     | 909,981                     |
| Jun-46  | 125                               | 8,565                               | 6,407                                      | 3,267                        | 2,444                       | 155,355                     | 1,509,724                   |
| Jul-46  | 125                               | 37,126                              | 27,772                                     | 11,465                       | 8,576                       | 155,572                     | 2,701,606                   |
| Aug-46  | 125                               | 28,339                              | 21,199                                     | 9,018                        | 6,746                       | 155,794                     | 4,431,125                   |
| Sep-46  | 125                               | 59,157                              | 44,253                                     | 12,035                       | 9,003                       | 156,015                     | 4,514,611                   |
| Oct-46  | 125                               | 22,070                              | 16,510                                     | 14,994                       | 11,216                      | 156,236                     | 3,703,586                   |
| Nov-46  | 125                               | 22,796                              | 17,053                                     | 7,117                        | 5,324                       | 156,458                     | 2,023,231                   |
| Dec-46  | 125                               | 2,059                               | 1,541                                      | 5,661                        | 4,235                       | 156,679                     | 915,336                     |
| Jan-47  | 125                               | 1,788                               | 1,338                                      | 2,765                        | 2,069                       | 157,004                     | 737,615                     |
| Feb-47  | 125                               | 571                                 | 427  | 380                          | 284                         | 157,226                     | 819,053                     |
| Mar-47  | 125                               | 2,253                               | 1,685                                      | 2,441                        | 1,826                       | 157,447                     | 762,085                     |
| Apr-47  | 125                               | 1,026                               | 768  | 1,216                        | 910                         | 157,669                     | 810,160                     |
| May-47  | 125                               | 6,969                               | 5,213                                      | 3,784                        | 2,830                       | 157,890                     | 827,352                     |
| Jun-47  | 125                               | 8,820                               | 6,598                                      | 3,365                        | 2,517                       | 158,112                     | 1,554,673                   |
| Jul-47  | 125                               | 37,966                              | 28,401                                     | 11,724                       | 8,770                       | 158,333                     | 2,762,712                   |
| Aug-47  | 125                               | 28,919                              | 21,633                                     | 9,203                        | 6,884                       | 158,559                     | 4,521,775                   |
| Sep-47  | 125                               | 60,366                              | 45,157                                     | 12,281                       | 9,187                       | 158,785                     | 4,606,845                   |
| Oct-47  | 125                               | 22,502                              | 16,833                                     | 15,287                       | 11,436                      | 159,011                     | 3,776,078                   |
| Nov-47  | 125                               | 23,315                              | 17,441                                     | 7,279                        | 5,445                       | 159,237                     | 2,069,269                   |
| Dec-47  | 125                               | 2,125                               | 1,589                                      | 5,841                        | 4,369                       | 159,463                     | 944,403                     |
| Jan-48  | 125                               | 1,841                               | 1,377                                      | 2,848                        | 2,130                       | 159,795                     | 759,585                     |
| Feb-48  | 125                               | 588                                 | 440  | 392                          | 293                         | 160,021                     | 844,346                     |
| Mar-48  | 125                               | 2,319                               | 1,735                                      | 2,513                        | 1,880                       | 160,247                     | 784,424                     |
| Apr-48  | 125                               | 1,057                               | 791  | 1,253                        | 937                         | 160,473                     | 834,595                     |
| May-48  | 125                               | 7,233                               | 5,411                                      | 3,927                        | 2,938                       | 160,699                     | 858,754                     |
| Jun-48  | 125                               | 9,078                               | 6,791                                      | 3,463                        | 2,590                       | 160,925                     | 1,600,006                   |
| Jul-48  | 125                               | 38,817                              | 29,037                                     | 11,987                       | 8,967                       | 161,151                     | 2,824,600                   |
| Aug-48  | 125                               | 29,507                              | 22,073                                     | 9,390                        | 7,024                       | 161,381                     | 4,613,734                   |
| Sep-48  | 125                               | 61,592                              | 46,074                                     | 12,530                       | 9,373                       | 161,612                     | 4,700,402                   |
| Oct-48  | 125                               | 22,940                              | 17,160                                     | 15,584                       | 11,658                      | 161,842                     | 3,849,491                   |
| Nov-48  | 125                               | 23,838                              | 17,832                                     | 7,443                        | 5,567                       | 162,073                     | 2,115,703                   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | <b>(100 Cu. Ft)</b>                 | <b>(1,000 Gal.)</b>                        | <b>(100 Cu. Ft)</b>      | <b>(1,000 Gal.)</b>      |                             | <b>(1,000 Gal.)</b>      |
| Dec-48  | 125                               | 2,190                               | 1,638                                      | 6,021                    | 4,504                    | 162,303                     | 973,515                  |
| Jan-49  | 125                               | 1,895                               | 1,417                                      | 2,930                    | 2,192                    | 162,641                     | 781,577                  |
| Feb-49  | 125                               | 606                                 | 453  | 403                      | 302                      | 162,872                     | 869,662                  |
| Mar-49  | 125                               | 2,385                               | 1,784                                      | 2,584                    | 1,933                    | 163,102                     | 806,777                  |
| Apr-49  | 125                               | 1,088                               | 814  | 1,289                    | 964                      | 163,333                     | 859,040                  |
| May-49  | 125                               | 7,498                               | 5,609                                      | 4,071                    | 3,046                    | 163,564                     | 890,238                  |
| Jun-49  | 125                               | 9,337                               | 6,984                                      | 3,561                    | 2,664                    | 163,794                     | 1,645,625                |
| Jul-49  | 125                               | 39,676                              | 29,680                                     | 12,252                   | 9,165                    | 164,025                     | 2,887,131                |
| Aug-49  | 125                               | 30,103                              | 22,518                                     | 9,579                    | 7,166                    | 164,260                     | 4,706,841                |
| Sep-49  | 125                               | 62,834                              | 47,003                                     | 12,783                   | 9,562                    | 164,495                     | 4,795,159                |
| Oct-49  | 125                               | 23,382                              | 17,491                                     | 15,885                   | 11,883                   | 164,730                     | 3,923,730                |
| Nov-49  | 125                               | 24,365                              | 18,227                                     | 7,607                    | 5,691                    | 164,965                     | 2,162,491                |
| Dec-49  | 125                               | 2,256                               | 1,688                                      | 6,201                    | 4,639                    | 165,200                     | 1,002,652                |
| Jan-50  | 125                               | 1,681                               | 1,257                                      | 2,600                    | 1,945                    | 165,545                     | 693,396                  |
| Feb-50  | 125                               | 604                                 | 452  | 402                      | 301                      | 165,781                     | 867,362                  |
| Mar-50  | 125                               | 2,287                               | 1,710                                      | 2,477                    | 1,853                    | 166,016                     | 773,383                  |
| Apr-50  | 125                               | 1,084                               | 811  | 1,284                    | 961                      | 166,251                     | 855,661                  |
| May-50  | 125                               | 7,528                               | 5,631                                      | 4,087                    | 3,057                    | 166,487                     | 893,722                  |
| Jun-50  | 125                               | 9,130                               | 6,830                                      | 3,483                    | 2,605                    | 166,722                     | 1,609,273                |
| Jul-50  | 125                               | 39,759                              | 29,741                                     | 12,277                   | 9,184                    | 166,957                     | 2,893,155                |
| Aug-50  | 125                               | 30,343                              | 22,698                                     | 9,656                    | 7,223                    | 167,197                     | 4,744,437                |
| Sep-50  | 125                               | 63,344                              | 47,385                                     | 12,887                   | 9,640                    | 167,437                     | 4,834,143                |
| Oct-50  | 125                               | 22,724                              | 16,999                                     | 15,438                   | 11,549                   | 167,677                     | 3,813,395                |
| Nov-50  | 125                               | 23,756                              | 17,771                                     | 7,417                    | 5,548                    | 167,917                     | 2,108,433                |
| Dec-50  | 125                               | 2,135                               | 1,597                                      | 5,868                    | 4,389                    | 168,157                     | 948,748                  |
| Jan-51  | 125                               | 1,891                               | 1,415                                      | 2,925                    | 2,188                    | 168,509                     | 780,286                  |
| Feb-51  | 125                               | 602                                 | 451  | 401                      | 300                      | 168,749                     | 864,704                  |
| Mar-51  | 125                               | 2,384                               | 1,783                                      | 2,583                    | 1,932                    | 168,989                     | 806,284                  |
| Apr-51  | 125                               | 1,084                               | 811  | 1,285                    | 961                      | 169,230                     | 855,857                  |
| May-51  | 125                               | 7,441                               | 5,566                                      | 4,040                    | 3,022                    | 169,470                     | 883,429                  |
| Jun-51  | 125                               | 9,433                               | 7,056                                      | 3,598                    | 2,692                    | 169,710                     | 1,662,560                |
| Jul-51  | 125                               | 40,643                              | 30,403                                     | 12,551                   | 9,388                    | 169,950                     | 2,957,498                |
| Aug-51  | 125                               | 30,957                              | 23,158                                     | 9,851                    | 7,369                    | 170,195                     | 4,840,491                |
| Sep-51  | 125                               | 64,626                              | 48,343                                     | 13,147                   | 9,835                    | 170,440                     | 4,931,915                |
| Oct-51  | 125                               | 24,018                              | 17,967                                     | 16,317                   | 12,206                   | 170,685                     | 4,030,552                |
| Nov-51  | 125                               | 24,803                              | 18,554                                     | 7,744                    | 5,793                    | 170,930                     | 2,201,282                |
| Dec-51  | 125                               | 2,239                               | 1,675                                      | 6,154                    | 4,603                    | 171,175                     | 994,937                  |
| Jan-52  | 125                               | 1,945                               | 1,455                                      | 3,009                    | 2,251                    | 171,533                     | 802,566                  |
| Feb-52  | 125                               | 620                                 | 464  | 413                      | 309                      | 171,779                     | 890,362                  |
| Mar-52  | 125                               | 2,451                               | 1,833                                      | 2,655                    | 1,986                    | 172,024                     | 828,958                  |
| Apr-52  | 125                               | 1,116                               | 835  | 1,322                    | 989                      | 172,269                     | 880,654                  |
| May-52  | 125                               | 7,712                               | 5,769                                      | 4,187                    | 3,132                    | 172,514                     | 915,581                  |
| Jun-52  | 125                               | 9,699                               | 7,256                                      | 3,700                    | 2,768                    | 172,759                     | 1,709,592                |
| Jul-52  | 125                               | 41,538                              | 31,073                                     | 12,827                   | 9,595                    | 173,004                     | 3,022,659                |
| Aug-52  | 125                               | 31,581                              | 23,624                                     | 10,050                   | 7,518                    | 173,254                     | 4,937,945                |
| Sep-52  | 125                               | 65,926                              | 49,316                                     | 13,412                   | 10,033                   | 173,504                     | 5,031,124                |
| Oct-52  | 125                               | 24,480                              | 18,312                                     | 16,631                   | 12,441                   | 173,754                     | 4,107,974                |
| Nov-52  | 125                               | 25,347                              | 18,961                                     | 7,914                    | 5,920                    | 174,004                     | 2,249,604                |
| Dec-52  | 125                               | 2,305                               | 1,724                                      | 6,336                    | 4,740                    | 174,254                     | 1,024,493                |
| Jan-53  | 125                               | 2,000                               | 1,496                                      | 3,093                    | 2,313                    | 174,620                     | 824,895                  |
| Feb-53  | 125                               | 638                                 | 477  | 425                      | 318                      | 174,870                     | 916,075                  |
| Mar-53  | 125                               | 2,518                               | 1,884                                      | 2,728                    | 2,041                    | 175,120                     | 851,686                  |
| Apr-53  | 125                               | 1,147                               | 858  | 1,359                    | 1,017                    | 175,370                     | 905,508                  |
| May-53  | 125                               | 7,984                               | 5,972                                      | 4,335                    | 3,243                    | 175,620                     | 947,877                  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | <b>(100 Cu. Ft)</b>                 | <b>(1,000 Gal.)</b>                        | <b>(100 Cu. Ft)</b>      | <b>(1,000 Gal.)</b>      |                             | <b>(1,000 Gal.)</b>      |
|   |                                   |                                     |  |                          |                          |                             |                          |
| Jun-53  | 125                               | 9,968                               | 7,457                                      | 3,803                    | 2,844                    | 175,870                     | 1,757,016                |
| Jul-53  | 125                               | 42,445                              | 31,751                                     | 13,107                   | 9,805                    | 176,120                     | 3,088,648                |
| Aug-53  | 125                               | 32,213                              | 24,097                                     | 10,251                   | 7,668                    | 176,376                     | 5,036,822                |
| Sep-53  | 125                               | 67,245                              | 50,302                                     | 13,680                   | 10,234                   | 176,631                     | 5,131,790                |
| Oct-53  | 125                               | 24,947                              | 18,662                                     | 16,948                   | 12,678                   | 176,886                     | 4,186,431                |
| Nov-53  | 125                               | 25,897                              | 19,372                                     | 8,085                    | 6,048                    | 177,141                     | 2,298,378                |
| Dec-53  | 125                               | 2,372                               | 1,774                                      | 6,519                    | 4,877                    | 177,396                     | 1,054,106                |
| Jan-54  | 125                               | 2,054                               | 1,536                                      | 3,177                    | 2,376                    | 177,769                     | 847,269                  |
| Feb-54  | 125                               | 656                                 | 491  | 437                      | 327                      | 178,024                     | 941,839                  |
| Mar-54  | 125                               | 2,585                               | 1,934                                      | 2,801                    | 2,095                    | 178,279                     | 874,466                  |
| Apr-54  | 125                               | 1,179                               | 882  | 1,396                    | 1,045                    | 178,534                     | 930,414                  |
| May-54  | 125                               | 8,257                               | 6,177                                      | 4,483                    | 3,354                    | 178,790                     | 980,315                  |
| Jun-54  | 125                               | 9,795                               | 7,327                                      | 3,736                    | 2,795                    | 179,045                     | 1,726,416                |
| Jul-54  | 125                               | 42,549                              | 31,828                                     | 13,139                   | 9,829                    | 179,300                     | 3,096,168                |
| Aug-54  | 125                               | 32,479                              | 24,296                                     | 10,336                   | 7,732                    | 179,569                     | 5,078,474                |
| Sep-54  | 125                               | 67,813                              | 50,728                                     | 13,796                   | 10,320                   | 179,838                     | 5,175,165                |
| Oct-54  | 125                               | 25,147                              | 18,812                                     | 17,084                   | 12,780                   | 180,107                     | 4,220,003                |
| Nov-54  | 125                               | 25,797                              | 19,298                                     | 8,054                    | 6,025                    | 180,376                     | 2,289,559                |
| Dec-54  | 125                               | 2,284                               | 1,708                                      | 6,278                    | 4,696                    | 180,645                     | 1,015,040                |
| Jan-55  | 125                               | 1,995                               | 1,492                                      | 3,085                    | 2,308                    | 181,034                     | 822,805                  |
| Feb-55  | 125                               | 634                                 | 474  | 422                      | 316                      | 181,304                     | 910,048                  |
| Mar-55  | 125                               | 2,515                               | 1,881                                      | 2,724                    | 2,038                    | 181,573                     | 850,482                  |
| Apr-55  | 125                               | 1,142                               | 854  | 1,353                    | 1,012                    | 181,842                     | 901,420                  |
| May-55  | 125                               | 7,920                               | 5,925                                      | 4,300                    | 3,217                    | 182,111                     | 940,347                  |
| Jun-55  | 125                               | 10,073                              | 7,535                                      | 3,842                    | 2,874                    | 182,381                     | 1,775,469                |
| Jul-55  | 125                               | 43,500                              | 32,540                                     | 13,433                   | 10,048                   | 182,650                     | 3,165,401                |
| Aug-55  | 125                               | 33,147                              | 24,795                                     | 10,548                   | 7,891                    | 182,924                     | 5,182,798                |
| Sep-55  | 125                               | 69,205                              | 51,769                                     | 14,079                   | 10,532                   | 183,199                     | 5,281,420                |
| Oct-55  | 125                               | 25,639                              | 19,179                                     | 17,418                   | 13,030                   | 183,474                     | 4,302,526                |
| Nov-55  | 125                               | 26,369                              | 19,725                                     | 8,233                    | 6,158                    | 183,748                     | 2,340,323                |
| Dec-55  | 125                               | 2,352                               | 1,759                                      | 6,465                    | 4,836                    | 184,023                     | 1,045,239                |
| Jan-56  | 125                               | 2,050                               | 1,533                                      | 3,170                    | 2,372                    | 184,420                     | 845,585                  |
| Feb-56  | 125                               | 652                                 | 488  | 434                      | 325                      | 184,695                     | 936,309                  |
| Mar-56  | 125                               | 2,583                               | 1,932                                      | 2,799                    | 2,094                    | 184,969                     | 873,697                  |
| Apr-56  | 125                               | 1,174                               | 878  | 1,391                    | 1,041                    | 185,244                     | 926,814                  |
| May-56  | 125                               | 8,200                               | 6,134                                      | 4,452                    | 3,330                    | 185,519                     | 973,541                  |
| Jun-56  | 125                               | 10,354                              | 7,746                                      | 3,950                    | 2,955                    | 185,794                     | 1,825,010                |
| Jul-56  | 125                               | 44,464                              | 33,261                                     | 13,730                   | 10,271                   | 186,069                     | 3,235,557                |
| Aug-56  | 125                               | 33,824                              | 25,302                                     | 10,764                   | 8,052                    | 186,349                     | 5,288,707                |
| Sep-56  | 125                               | 70,619                              | 52,826                                     | 14,367                   | 10,747                   | 186,629                     | 5,389,299                |
| Oct-56  | 125                               | 26,138                              | 19,552                                     | 17,757                   | 13,283                   | 186,910                     | 4,386,199                |
| Nov-56  | 125                               | 26,947                              | 20,158                                     | 8,413                    | 6,293                    | 187,190                     | 2,391,591                |
| Dec-56  | 125                               | 2,420                               | 1,810                                      | 6,652                    | 4,976                    | 187,471                     | 1,075,502                |
| Jan-57  | 125                               | 2,105                               | 1,575                                      | 3,256                    | 2,436                    | 187,875                     | 868,413                  |
| Feb-57  | 125                               | 671                                 | 502  | 446                      | 334                      | 188,156                     | 962,625                  |
| Mar-57  | 125                               | 2,652                               | 1,984                                      | 2,873                    | 2,149                    | 188,436                     | 896,967                  |
| Apr-57  | 125                               | 1,207                               | 903  | 1,429                    | 1,069                    | 188,717                     | 952,265                  |
| May-57  | 125                               | 8,481                               | 6,344                                      | 4,605                    | 3,445                    | 188,998                     | 1,006,895                |
| Jun-57  | 125                               | 10,638                              | 7,958                                      | 4,058                    | 3,035                    | 189,278                     | 1,874,992                |
| Jul-57  | 125                               | 45,441                              | 33,992                                     | 14,032                   | 10,497                   | 189,559                     | 3,306,648                |
| Aug-57  | 125                               | 34,511                              | 25,816                                     | 10,982                   | 8,215                    | 189,845                     | 5,396,224                |
| Sep-57  | 125                               | 72,054                              | 53,900                                     | 14,659                   | 10,965                   | 190,131                     | 5,498,828                |
| Oct-57  | 125                               | 26,643                              | 19,931                                     | 18,101                   | 13,540                   | 190,417                     | 4,471,040                |
| Nov-57  | 125                               | 27,530                              | 20,594                                     | 8,595                    | 6,430                    | 190,703                     | 2,443,366                |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | <b>(100 Cu. Ft.)</b>                | <b>(1,000 Gal.)</b>                        | <b>(100 Cu. Ft.)</b>     | <b>(1,000 Gal.)</b>      |                             | <b>(1,000 Gal.)</b>      |
| Dec-57  | 125                               | 2,488                               | 1,861                                      | 6,839                    | 5,116                    | 190,989                     | 1,105,822                |
| Jan-58  | 125                               | 2,161                               | 1,616                                      | 3,342                    | 2,500                    | 191,402                     | 891,285                  |
| Feb-58  | 125                               | 689                                 | 515  | 459                      | 343                      | 191,689                     | 988,993                  |
| Mar-58  | 125                               | 2,721                               | 2,035                                      | 2,948                    | 2,205                    | 191,975                     | 920,289                  |
| Apr-58  | 125                               | 1,239                               | 927  | 1,468                    | 1,098                    | 192,262                     | 977,769                  |
| May-58  | 125                               | 8,763                               | 6,555                                      | 4,758                    | 3,559                    | 192,548                     | 1,040,406                |
| Jun-58  | 125                               | 10,462                              | 7,826                                      | 3,991                    | 2,985                    | 192,834                     | 1,843,985                |
| Jul-58  | 125                               | 45,586                              | 34,100                                     | 14,077                   | 10,530                   | 193,121                     | 3,317,162                |
| Aug-58  | 125                               | 34,819                              | 26,046                                     | 11,080                   | 8,289                    | 193,413                     | 5,444,312                |
| Sep-58  | 125                               | 72,707                              | 54,388                                     | 14,792                   | 11,065                   | 193,705                     | 5,548,648                |
| Oct-58  | 125                               | 26,869                              | 20,100                                     | 18,254                   | 13,655                   | 193,997                     | 4,508,951                |
| Nov-58  | 125                               | 27,436                              | 20,524                                     | 8,566                    | 6,408                    | 194,289                     | 2,435,054                |
| Dec-58  | 125                               | 2,395                               | 1,792                                      | 6,585                    | 4,926                    | 194,581                     | 1,064,648                |
| Jan-59  | 125                               | 2,098                               | 1,569                                      | 3,245                    | 2,427                    | 195,002                     | 865,473                  |
| Feb-59  | 125                               | 666                                 | 498  | 443                      | 331                      | 195,295                     | 955,438                  |
| Mar-59  | 125                               | 2,646                               | 1,979                                      | 2,867                    | 2,145                    | 195,587                     | 894,964                  |
| Apr-59  | 125                               | 1,200                               | 898  | 1,422                    | 1,063                    | 195,879                     | 947,133                  |
| May-59  | 125                               | 8,410                               | 6,291                                      | 4,566                    | 3,416                    | 196,171                     | 998,503                  |
| Jun-59  | 125                               | 10,752                              | 8,043                                      | 4,101                    | 3,068                    | 196,464                     | 1,895,078                |
| Jul-59  | 125                               | 46,591                              | 34,853                                     | 14,387                   | 10,762                   | 196,756                     | 3,390,347                |
| Aug-59  | 125                               | 35,529                              | 26,577                                     | 11,306                   | 8,458                    | 197,054                     | 5,555,306                |
| Sep-59  | 125                               | 74,189                              | 55,497                                     | 15,093                   | 11,290                   | 197,352                     | 5,661,738                |
| Oct-59  | 125                               | 27,390                              | 20,489                                     | 18,608                   | 13,920                   | 197,650                     | 4,596,321                |
| Nov-59  | 125                               | 28,033                              | 20,970                                     | 8,752                    | 6,547                    | 197,949                     | 2,488,019                |
| Dec-59  | 125                               | 2,464                               | 1,843                                      | 6,774                    | 5,067                    | 198,247                     | 1,095,250                |
| Jan-60  | 125                               | 2,154                               | 1,611                                      | 3,331                    | 2,492                    | 198,676                     | 888,566                  |
| Feb-60  | 125                               | 684                                 | 512  | 455                      | 341                      | 198,975                     | 982,054                  |
| Mar-60  | 125                               | 2,716                               | 2,031                                      | 2,942                    | 2,201                    | 199,273                     | 918,523                  |
| Apr-60  | 125                               | 1,233                               | 922  | 1,460                    | 1,092                    | 199,571                     | 972,886                  |
| May-60  | 125                               | 8,697                               | 6,506                                      | 4,722                    | 3,532                    | 199,870                     | 1,032,524                |
| Jun-60  | 125                               | 11,044                              | 8,262                                      | 4,213                    | 3,151                    | 200,168                     | 1,946,618                |
| Jul-60  | 125                               | 47,610                              | 35,615                                     | 14,702                   | 10,998                   | 200,466                     | 3,464,505                |
| Aug-60  | 125                               | 36,250                              | 27,116                                     | 11,536                   | 8,629                    | 200,771                     | 5,667,986                |
| Sep-60  | 125                               | 75,693                              | 56,622                                     | 15,399                   | 11,519                   | 201,075                     | 5,776,557                |
| Oct-60  | 125                               | 27,918                              | 20,884                                     | 18,966                   | 14,188                   | 201,379                     | 4,684,909                |
| Nov-60  | 125                               | 28,636                              | 21,421                                     | 8,940                    | 6,688                    | 201,683                     | 2,541,501                |
| Dec-60  | 125                               | 2,533                               | 1,895                                      | 6,963                    | 5,209                    | 201,988                     | 1,125,892                |
| Jan-61  | 125                               | 2,210                               | 1,653                                      | 3,418                    | 2,557                    | 202,426                     | 911,692                  |
| Feb-61  | 125                               | 703                                 | 526  | 468                      | 350                      | 202,730                     | 1,008,705                |
| Mar-61  | 125                               | 2,785                               | 2,084                                      | 3,018                    | 2,258                    | 203,035                     | 942,122                  |
| Apr-61  | 125                               | 1,265                               | 947  | 1,499                    | 1,121                    | 203,339                     | 998,678                  |
| May-61  | 125                               | 8,985                               | 6,721                                      | 4,878                    | 3,649                    | 203,644                     | 1,066,693                |
| Jun-61  | 125                               | 11,339                              | 8,482                                      | 4,325                    | 3,236                    | 203,948                     | 1,998,608                |
| Jul-61  | 125                               | 48,643                              | 36,387                                     | 15,021                   | 11,236                   | 204,253                     | 3,539,651                |
| Aug-61  | 125                               | 36,981                              | 27,664                                     | 11,768                   | 8,803                    | 204,563                     | 5,782,378                |
| Sep-61  | 125                               | 77,221                              | 57,765                                     | 15,710                   | 11,752                   | 204,874                     | 5,893,131                |
| Oct-61  | 125                               | 28,453                              | 21,284                                     | 19,330                   | 14,460                   | 205,184                     | 4,774,731                |
| Nov-61  | 125                               | 29,244                              | 21,876                                     | 9,130                    | 6,830                    | 205,495                     | 2,595,504                |
| Dec-61  | 125                               | 2,602                               | 1,947                                      | 7,153                    | 5,351                    | 205,805                     | 1,156,568                |
| Jan-62  | 125                               | 2,266                               | 1,695                                      | 3,505                    | 2,622                    | 206,252                     | 934,844                  |
| Feb-62  | 125                               | 721                                 | 540  | 480                      | 359                      | 206,563                     | 1,035,385                |
| Mar-62  | 125                               | 2,855                               | 2,136                                      | 3,094                    | 2,314                    | 206,874                     | 965,756                  |
| Apr-62  | 125                               | 1,298                               | 971  | 1,538                    | 1,150                    | 207,184                     | 1,024,505                |
| May-62  | 125                               | 9,274                               | 6,937                                      | 5,035                    | 3,767                    | 207,495                     | 1,101,008                |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Number of Customers and Water Sales Statistics</b> |                                   |                                     |  |                          |                          |                             |                          |
|---|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b>Month</b>  | <b>Public Authority Customers</b> | <b>Public Authority Water Sales</b> | <b>Actual Public Authority Water Sales</b> | <b>Other Water Sales</b> | <b>Other Water Sales</b> | <b>Suez Total Customers</b> | <b>Total Water Sales</b> |
|   |                                   | <b>(100 Cu. Ft)</b>                 | <b>(1,000 Gal.)</b>                        | <b>(100 Cu. Ft)</b>      | <b>(1,000 Gal.)</b>      |                             | <b>(1,000 Gal.)</b>      |
| Jun-62  | 125                               | 11,157                              | 8,346                                      | 4,256                    | 3,184                    | 207,806                     | 1,966,451                |
| Jul-62  | 125                               | 48,812                              | 36,514                                     | 15,073                   | 11,275                   | 208,117                     | 3,551,952                |
| Aug-62  | 125                               | 37,319                              | 27,916                                     | 11,876                   | 8,884                    | 208,434                     | 5,835,140                |
| Sep-62  | 125                               | 77,937                              | 58,301                                     | 15,856                   | 11,861                   | 208,750                     | 5,947,787                |
| Oct-62  | 125                               | 28,698                              | 21,468                                     | 19,497                   | 14,585                   | 209,067                     | 4,815,885                |
| Nov-62  | 125                               | 29,149                              | 21,805                                     | 9,101                    | 6,808                    | 209,384                     | 2,587,072                |
| Dec-62  | 125                               | 2,504                               | 1,873                                      | 6,883                    | 5,149                    | 209,701                     | 1,112,890                |
| Jan-63  | 125                               | 2,200                               | 1,646                                      | 3,402                    | 2,545                    | 210,157                     | 907,457                  |
| Feb-63  | 125                               | 697                                 | 521  | 464                      | 347                      | 210,474                     | 999,784                  |
| Mar-63  | 125                               | 2,776                               | 2,077                                      | 3,008                    | 2,250                    | 210,791                     | 938,888                  |
| Apr-63  | 125                               | 1,257                               | 940  | 1,489                    | 1,114                    | 211,108                     | 991,998                  |
| May-63  | 125                               | 8,903                               | 6,660                                      | 4,834                    | 3,616                    | 211,425                     | 1,056,949                |
| Jun-63  | 125                               | 11,458                              | 8,571                                      | 4,371                    | 3,270                    | 211,743                     | 2,019,568                |
| Jul-63  | 125                               | 49,875                              | 37,309                                     | 15,401                   | 11,521                   | 212,060                     | 3,629,297                |
| Aug-63  | 125                               | 38,074                              | 28,481                                     | 12,116                   | 9,063                    | 212,383                     | 5,953,220                |
| Sep-63  | 125                               | 79,514                              | 59,481                                     | 16,176                   | 12,101                   | 212,706                     | 6,068,140                |
| Oct-63  | 125                               | 29,250                              | 21,880                                     | 19,871                   | 14,865                   | 213,030                     | 4,908,378                |
| Nov-63  | 125                               | 29,772                              | 22,271                                     | 9,295                    | 6,953                    | 213,353                     | 2,642,291                |
| Dec-63  | 125                               | 2,573                               | 1,925                                      | 7,074                    | 5,292                    | 213,676                     | 1,143,795                |
| Jan-64  | 125                               | 2,256                               | 1,688                                      | 3,490                    | 2,611                    | 214,142                     | 930,797                  |
| Feb-64  | 125                               | 715                                 | 535  | 476                      | 356                      | 214,465                     | 1,026,669                |
| Mar-64  | 125                               | 2,846                               | 2,129                                      | 3,084                    | 2,307                    | 214,789                     | 962,727                  |
| Apr-64  | 125                               | 1,290                               | 965  | 1,528                    | 1,143                    | 215,112                     | 1,018,034                |
| May-64  | 125                               | 9,196                               | 6,879                                      | 4,993                    | 3,735                    | 215,436                     | 1,091,749                |
| Jun-64  | 125                               | 11,762                              | 8,799                                      | 4,487                    | 3,356                    | 215,760                     | 2,073,140                |
| Jul-64  | 125                               | 50,952                              | 38,115                                     | 15,734                   | 11,770                   | 216,083                     | 3,707,670                |
| Aug-64  | 125                               | 38,840                              | 29,055                                     | 12,360                   | 9,246                    | 216,413                     | 6,073,092                |
| Sep-64  | 125                               | 81,115                              | 60,678                                     | 16,502                   | 12,344                   | 216,743                     | 6,190,331                |
| Oct-64  | 125                               | 29,808                              | 22,298                                     | 20,251                   | 15,149                   | 217,073                     | 5,002,160                |
| Nov-64  | 125                               | 30,400                              | 22,740                                     | 9,491                    | 7,100                    | 217,403                     | 2,698,041                |
| Dec-64  | 125                               | 2,643                               | 1,977                                      | 7,265                    | 5,435                    | 217,733                     | 1,174,710                |
| Jan-65  | 125                               | 2,313                               | 1,730                                      | 3,577                    | 2,676                    | 218,207                     | 954,150                  |
| Feb-65  | 125                               | 734                                 | 549  | 489                      | 365                      | 218,538                     | 1,053,566                |
| Mar-65  | 125                               | 2,917                               | 2,182                                      | 3,160                    | 2,364                    | 218,868                     | 986,587                  |
| Apr-65  | 125                               | 1,323                               | 990  | 1,567                    | 1,172                    | 219,198                     | 1,044,086                |
| May-65  | 125                               | 9,490                               | 7,099                                      | 5,153                    | 3,854                    | 219,528                     | 1,126,684                |
| Jun-65  | 125                               | 12,069                              | 9,028                                      | 4,604                    | 3,444                    | 219,858                     | 2,127,169                |
| Jul-65  | 125                               | 52,043                              | 38,931                                     | 16,071                   | 12,022                   | 220,188                     | 3,787,083                |
| Aug-65  | 125                               | 39,619                              | 29,637                                     | 12,608                   | 9,431                    | 220,525                     | 6,194,778                |
| Sep-65  | 125                               | 82,741                              | 61,894                                     | 16,833                   | 12,592                   | 220,862                     | 6,314,377                |
| Oct-65  | 125                               | 30,375                              | 22,722                                     | 20,636                   | 15,437                   | 221,198                     | 5,097,231                |
| Nov-65  | 125                               | 31,034                              | 23,215                                     | 9,689                    | 7,248                    | 221,535                     | 2,754,309                |
| Dec-65  | 125                               | 2,713                               | 2,029                                      | 7,457                    | 5,578                    | 221,872                     | 1,205,618                |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Jan-95  | 549,435  | 181   | 59  | 35,475  | 549,435  | 20,329  |
| Feb-95  | 492,899  | 337   | 12  | 29,340  | 492,899  | 18,237  |
| Mar-95  | 552,665  | 369   | 38  | 32,671  | 552,665  | 20,449  |
| Apr-95  | 753,722  | 564   | 40  | 44,562  | 753,722  | 27,888  |
| May-95  | 1,002,109  | 2,874   | 156   | 92,181  | 1,002,109  | 37,078  |
| Jun-95  | 1,584,201  | 1,749   | 304   | 138,658   | 1,584,201  | 58,615  |
| Jul-95  | 2,048,911  | 4,023   | 1,935   | 160,507   | 2,048,911  | 75,810  |
| Aug-95  | 2,072,811  | 3,670   | 985   | 48,978  | 2,072,811  | 76,694  |
| Sep-95  | 1,591,730  | 2,121   | 432   | 24,344  | 1,591,730  | 58,894  |
| Oct-95  | 913,871  | 628   | 498   | 23,069  | 913,871  | 33,813  |
| Nov-95  | 596,071  | 257   | 245   | 22,963  | 596,071  | 22,055  |
| Dec-95  | 573,038  | 294   | 87  | 25,860  | 573,038  | 21,202  |
| Jan-96  | 584,170  | 192   | 63  | 37,718  | 584,170  | 21,614  |
| Feb-96  | 556,836  | 380   | 13  | 33,146  | 556,836  | 20,603  |
| Mar-96  | 597,910  | 400   | 41  | 35,346  | 597,910  | 22,123  |
| Apr-96  | 734,181  | 550   | 39  | 43,407  | 734,181  | 27,165  |
| May-96  | 1,151,294  | 3,302   | 179   | 105,905   | 1,151,294  | 42,598  |
| Jun-96  | 1,881,006  | 2,077   | 361   | 164,636   | 1,881,006  | 69,597  |
| Jul-96  | 2,254,715  | 4,427   | 2,129   | 176,629   | 2,254,715  | 83,424  |
| Aug-96  | 2,145,250  | 3,798   | 1,020   | 50,689  | 2,145,250  | 79,374  |
| Sep-96  | 1,460,038  | 1,945   | 396   | 22,330  | 1,460,038  | 54,021  |
| Oct-96  | 1,000,586  | 688   | 546   | 25,258  | 1,000,586  | 37,022  |
| Nov-96  | 586,167  | 253   | 241   | 22,581  | 586,167  | 21,688  |
| Dec-96  | 580,241  | 298   | 88  | 26,185  | 580,241  | 21,469  |
| Jan-97  | 565,518  | 186   | 61  | 36,514  | 565,518  | 20,924  |
| Feb-97  | 530,770  | 363   | 13  | 31,595  | 530,770  | 19,638  |
| Mar-97  | 646,877  | 432   | 45  | 38,240  | 646,877  | 23,934  |
| Apr-97  | 962,740  | 721   | 51  | 56,919  | 962,740  | 35,621  |
| May-97  | 1,544,451  | 4,430   | 240   | 142,070   | 1,544,451  | 57,145  |
| Jun-97  | 1,631,672  | 1,801   | 313   | 142,813   | 1,631,672  | 60,372  |
| Jul-97  | 2,067,513  | 4,059   | 1,952   | 161,964   | 2,067,513  | 76,498  |
| Aug-97  | 2,106,154  | 3,729   | 1,001   | 49,766  | 2,106,154  | 77,928  |
| Sep-97  | 1,538,273  | 2,050   | 417   | 23,527  | 1,538,273  | 56,916  |
| Oct-97  | 1,041,368  | 716   | 568   | 26,288  | 1,041,368  | 38,531  |
| Nov-97  | 601,240  | 259   | 247   | 23,162  | 601,240  | 22,246  |
| Dec-97  | 597,922  | 307   | 91  | 26,983  | 597,922  | 22,123  |
| Jan-98  | 587,754  | 193   | 63  | 37,949  | 587,754  | 21,747  |
| Feb-98  | 528,392  | 361   | 13  | 31,453  | 528,392  | 19,551  |
| Mar-98  | 619,753  | 414   | 43  | 36,637  | 619,753  | 22,931  |
| Apr-98  | 893,658  | 669   | 47  | 52,835  | 893,658  | 33,065  |
| May-98  | 1,050,021  | 3,011   | 163   | 96,589  | 1,050,021  | 38,851  |
| Jun-98  | 1,405,438  | 1,552   | 270   | 123,012   | 1,405,438  | 52,001  |
| Jul-98  | 2,257,691  | 4,433   | 2,132   | 176,862   | 2,257,691  | 83,535  |
| Aug-98  | 2,256,000  | 3,994   | 1,072   | 53,306  | 2,256,000  | 83,472  |
| Sep-98  | 1,505,876  | 2,006   | 408   | 23,031  | 1,505,876  | 55,717  |
| Oct-98  | 1,085,076  | 746   | 592   | 27,391  | 1,085,076  | 40,148  |
| Nov-98  | 588,876  | 254   | 242   | 22,686  | 588,876  | 21,788  |
| Dec-98  | 611,075  | 314   | 93  | 27,577  | 611,075  | 22,610  |
| Jan-99  | 625,855  | 206   | 68  | 40,410  | 625,855  | 23,157  |
| Feb-99  | 554,013  | 378   | 13  | 32,978  | 554,013  | 20,498  |
| Mar-99  | 648,480  | 434   | 45  | 38,335  | 648,480  | 23,994  |
| Apr-99  | 985,136  | 738   | 52  | 58,244  | 985,136  | 36,450  |
| May-99  | 1,525,386  | 4,375   | 237   | 140,316   | 1,525,386  | 56,439  |

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**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <u>Month</u>  | <u>Total Water Production</u><br><small>(1,000 Gal.)</small> | <u>Estimated Company Water Use</u><br><small>(1,000 Gal.)</small> | <u>Estimated Hydrant Water Use</u><br><small>(1,000 Gal.)</small> | <u>Estimated System Water Losses</u><br><small>(1,000 Gal.)</small> | <u>Monthly: Gallons of Water Produced</u><br><small>(1,000 Gal.)</small> | <u>Peak Day: Gallons of Water Produced</u><br><small>(1,000 Gal.)</small> |
| Jun-99  | 2,049,151  | 2,262   | 393   | 179,353   | 2,049,151  | 75,819  |
| Jul-99  | 2,665,581  | 5,233   | 2,517   | 208,815   | 2,665,581  | 98,626  |
| Aug-99  | 2,334,538  | 4,133   | 1,110   | 55,162  | 2,334,538  | 86,378  |
| Sep-99  | 1,821,486  | 2,427   | 494   | 27,858  | 1,821,486  | 67,395  |
| Oct-99  | 1,235,905  | 850   | 674   | 31,199  | 1,235,905  | 45,728  |
| Nov-99  | 662,948  | 286   | 273   | 25,539  | 662,948  | 24,529  |
| Dec-99  | 647,800  | 332   | 98  | 29,234  | 647,800  | 23,969  |
| Jan-00  | 647,217  | 213   | 70  | 41,789  | 647,217  | 23,947  |
| Feb-00  | 603,984  | 413   | 15  | 35,953  | 603,984  | 22,347  |
| Mar-00  | 662,767  | 443   | 46  | 39,180  | 662,767  | 24,522  |
| Apr-00  | 1,013,354  | 759   | 53  | 59,912  | 1,013,354  | 37,494  |
| May-00  | 1,603,929  | 4,600   | 249   | 147,538   | 1,603,929  | 59,345  |
| Jun-00  | 2,257,382  | 2,492   | 433   | 197,579   | 2,257,382  | 83,523  |
| Jul-00  | 2,703,881  | 5,309   | 2,553   | 211,815   | 2,703,881  | 100,044   |
| Aug-00  | 2,528,193  | 4,476   | 1,202   | 59,738  | 2,528,193  | 93,543  |
| Sep-00  | 1,652,780  | 2,202   | 448   | 25,278  | 1,652,780  | 61,153  |
| Oct-00  | 1,054,590  | 715   | 567   | 26,250  | 1,054,590  | 39,020  |
| Nov-00  | 679,909  | 293   | 280   | 26,193  | 679,909  | 25,157  |
| Dec-00  | 666,757  | 342   | 101   | 30,090  | 666,757  | 24,670  |
| Jan-01  | 650,370  | 214   | 70  | 41,992  | 650,370  | 24,064  |
| Feb-01  | 585,450  | 400   | 14  | 34,850  | 585,450  | 21,662  |
| Mar-01  | 673,813  | 450   | 47  | 39,833  | 673,813  | 24,931  |
| Apr-01  | 873,203  | 653   | 46  | 51,578  | 873,203  | 32,309  |
| May-01  | 1,782,537  | 5,112   | 277   | 163,971   | 1,782,537  | 65,954  |
| Jun-01  | 2,131,359  | 2,353   | 409   | 186,549   | 2,131,359  | 78,860  |
| Jul-01  | 2,404,426  | 4,721   | 2,270   | 188,357   | 2,404,426  | 88,964  |
| Aug-01  | 2,468,964  | 4,369   | 1,173   | 58,304  | 2,468,964  | 91,352  |
| Sep-01  | 1,899,586  | 2,531   | 515   | 29,053  | 1,899,586  | 70,285  |
| Oct-01  | 1,206,793  | 830   | 658   | 30,464  | 1,206,793  | 44,651  |
| Nov-01  | 646,224  | 279   | 266   | 24,895  | 646,224  | 23,910  |
| Dec-01  | 636,760  | 327   | 96  | 28,736  | 636,760  | 23,560  |
| Jan-02  | 636,133  | 209   | 69  | 41,073  | 636,133  | 23,537  |
| Feb-02  | 558,947  | 382   | 14  | 33,272  | 558,947  | 20,681  |
| Mar-02  | 629,570  | 421   | 43  | 37,217  | 629,570  | 23,294  |
| Apr-02  | 959,665  | 719   | 50  | 56,738  | 959,665  | 35,508  |
| May-02  | 1,812,750  | 5,199   | 282   | 166,750   | 1,812,750  | 67,072  |
| Jun-02  | 2,197,746  | 2,424   | 421   | 192,188   | 2,197,746  | 81,317  |
| Jul-02  | 2,617,247  | 5,138   | 2,471   | 205,029   | 2,617,247  | 96,838  |
| Aug-02  | 2,330,024  | 4,125   | 1,107   | 55,055  | 2,330,024  | 86,211  |
| Sep-02  | 1,700,761  | 2,266   | 461   | 26,012  | 1,700,761  | 62,928  |
| Oct-02  | 1,177,308  | 810   | 642   | 29,719  | 1,177,308  | 43,560  |
| Nov-02  | 625,750  | 270   | 257   | 24,106  | 625,750  | 23,153  |
| Dec-02  | 622,134  | 319   | 94  | 28,076  | 622,134  | 23,019  |
| Jan-03  | 621,910  | 205   | 67  | 40,155  | 621,910  | 23,011  |
| Feb-03  | 563,165  | 385   | 14  | 33,523  | 563,165  | 20,837  |
| Mar-03  | 656,728  | 439   | 45  | 38,823  | 656,728  | 24,299  |
| Apr-03  | 838,477  | 628   | 44  | 49,573  | 838,477  | 31,024  |
| May-03  | 1,363,994  | 3,912   | 212   | 125,470   | 1,363,994  | 50,468  |
| Jun-03  | 2,230,772  | 2,463   | 428   | 195,250   | 2,230,772  | 82,539  |
| Jul-03  | 2,682,510  | 5,267   | 2,533   | 210,141   | 2,682,510  | 99,253  |
| Aug-03  | 2,358,848  | 4,176   | 1,121   | 55,736  | 2,358,848  | 87,277  |
| Sep-03  | 1,786,281  | 2,380   | 485   | 27,320  | 1,786,281  | 66,092  |
| Oct-03  | 1,351,732  | 929   | 737   | 34,122  | 1,351,732  | 50,014  |
| Nov-03  | 633,290  | 273   | 261   | 24,397  | 633,290  | 23,432  |

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**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Dec-03  | 622,130  | 319   | 94  | 28,076  | 622,130  | 23,019  |
| Jan-04  | 643,681  | 212   | 69  | 41,560  | 643,681  | 23,816  |
| Feb-04  | 599,339  | 409   | 15  | 35,676  | 599,339  | 22,176  |
| Mar-04  | 738,841  | 494   | 51  | 43,677  | 738,841  | 27,337  |
| Apr-04  | 1,348,400  | 1,010   | 71  | 79,721  | 1,348,400  | 49,891  |
| May-04  | 1,490,925  | 4,276   | 232   | 137,146   | 1,490,925  | 55,164  |
| Jun-04  | 1,960,834  | 2,165   | 376   | 171,623   | 1,960,834  | 72,551  |
| Jul-04  | 2,433,390  | 4,778   | 2,298   | 190,626   | 2,433,390  | 90,035  |
| Aug-04  | 2,235,393  | 3,958   | 1,062   | 52,819  | 2,235,393  | 82,710  |
| Sep-04  | 1,634,760  | 2,178   | 443   | 25,002  | 1,634,760  | 60,486  |
| Oct-04  | 1,163,797  | 800   | 635   | 29,378  | 1,163,797  | 43,060  |
| Nov-04  | 645,371  | 278   | 266   | 24,862  | 645,371  | 23,879  |
| Dec-04  | 649,779  | 334   | 98  | 29,323  | 649,779  | 24,042  |
| Jan-05  | 630,810  | 208   | 68  | 40,729  | 630,810  | 23,340  |
| Feb-05  | 554,800  | 379   | 13  | 33,025  | 554,800  | 20,528  |
| Mar-05  | 684,009  | 457   | 47  | 40,436  | 684,009  | 25,308  |
| Apr-05  | 871,934  | 653   | 46  | 51,551  | 871,934  | 32,262  |
| May-05  | 1,159,130  | 3,324   | 180   | 106,625   | 1,159,130  | 42,888  |
| Jun-05  | 1,649,381  | 1,821   | 316   | 144,363   | 1,649,381  | 61,027  |
| Jul-05  | 2,544,565  | 4,996   | 2,403   | 199,335   | 2,544,565  | 94,149  |
| Aug-05  | 2,535,798  | 4,490   | 1,205   | 59,918  | 2,535,798  | 93,825  |
| Sep-05  | 1,761,981  | 2,348   | 478   | 26,948  | 1,761,981  | 65,193  |
| Oct-05  | 1,082,645  | 744   | 590   | 27,330  | 1,082,645  | 40,058  |
| Nov-05  | 639,063  | 276   | 263   | 24,619  | 639,063  | 23,645  |
| Dec-05  | 665,291  | 341   | 101   | 30,023  | 665,291  | 24,616  |
| Jan-06  | 669,396  | 220   | 72  | 43,221  | 669,396  | 24,768  |
| Feb-06  | 605,618  | 414   | 15  | 36,050  | 605,618  | 22,408  |
| Mar-06  | 665,765  | 445   | 46  | 39,357  | 665,765  | 24,633  |
| Apr-06  | 842,930  | 631   | 44  | 49,836  | 842,930  | 31,188  |
| May-06  | 1,653,415  | 4,742   | 257   | 152,093   | 1,653,415  | 61,176  |
| Jun-06  | 1,932,519  | 2,134   | 371   | 169,145   | 1,932,519  | 71,503  |
| Jul-06  | 2,604,008  | 5,112   | 2,459   | 203,991   | 2,604,008  | 96,348  |
| Aug-06  | 2,457,928  | 4,352   | 1,168   | 58,078  | 2,457,928  | 90,943  |
| Sep-06  | 1,798,097  | 2,396   | 488   | 27,500  | 1,798,097  | 66,530  |
| Oct-06  | 1,125,741  | 774   | 614   | 28,418  | 1,125,741  | 41,652  |
| Nov-06  | 659,621  | 285   | 271   | 25,411  | 659,621  | 24,406  |
| Dec-06  | 669,473  | 344   | 101   | 30,212  | 669,473  | 24,771  |
| Jan-07  | 685,340  | 0   | 74  | 44,250  | 685,340  | 25,358  |
| Feb-07  | 609,021  | 30  | 15  | 36,253  | 609,021  | 22,534  |
| Mar-07  | 755,874  | 50  | 52  | 44,684  | 755,874  | 27,967  |
| Apr-07  | 1,105,267  | 22,155  | 58  | 65,346  | 1,105,267  | 40,895  |
| May-07  | 1,915,405  | 18,690  | 298   | 176,193   | 1,915,405  | 70,870  |
| Jun-07  | 2,142,276  | 2,390   | 411   | 187,504   | 2,142,276  | 79,264  |
| Jul-07  | 2,637,599  | 2,273   | 2,490   | 206,623   | 2,637,599  | 97,591  |
| Aug-07  | 2,402,853  | 3,717   | 1,142   | 56,776  | 2,402,853  | 88,906  |
| Sep-07  | 1,790,968  | 3,657   | 486   | 27,391  | 1,790,968  | 66,266  |
| Oct-07  | 956,963  | 3,180   | 522   | 24,157  | 956,963  | 35,408  |
| Nov-07  | 634,598  | 2,504   | 261   | 24,447  | 634,598  | 23,480  |
| Dec-07  | 645,219  | 1,182   | 98  | 29,118  | 645,219  | 23,873  |
| Jan-08  | 653,178  | 744   | 70  | 42,174  | 653,178  | 24,168  |
| Feb-08  | 622,678  | 676   | 15  | 37,066  | 622,678  | 23,039  |
| Mar-08  | 661,319  | 1,567   | 46  | 39,094  | 661,319  | 24,469  |
| Apr-08  | 925,039  | 20,613  | 49  | 54,690  | 925,039  | 34,226  |
| May-08  | 1,710,966  | 26,862  | 266   | 157,387   | 1,710,966  | 63,306  |

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**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Jun-08  | 1,925,550                                     | 2,308  | 369  | 168,535  | 1,925,550   | 71,245   |
| Jul-08  | 2,541,910                                     | 3,595  | 2,400  | 199,127  | 2,541,910   | 94,051   |
| Aug-08  | 2,424,938                                     | 4,532  | 1,153  | 57,298   | 2,424,938   | 89,723   |
| Sep-08  | 1,780,917                                     | 14,254   | 483  | 27,238   | 1,780,917   | 65,894   |
| Oct-08  | 941,556                                       | 6,347  | 513  | 23,768   | 941,556   | 34,838   |
| Nov-08  | 624,482                                       | 2,329  | 257  | 24,057   | 624,482   | 23,106   |
| Dec-08  | 642,677                                       | 2,669  | 97   | 29,003   | 642,677   | 23,779   |
| Jan-09  | 646,635                                       | 563  | 59   | 41,751   | 646,635   | 23,925   |
| Feb-09  | 588,486                                       | 1,670  | 13   | 35,030   | 588,486   | 21,774   |
| Mar-09  | 650,070                                       | 843  | 40   | 38,429   | 650,070   | 24,053   |
| Apr-09  | 913,508                                       | 32,957   | 47   | 54,009   | 913,508   | 33,800   |
| May-09  | 1,615,916                                     | 31,834   | 216  | 148,644  | 1,615,916   | 59,789   |
| Jun-09  | 1,642,496                                     | 3,610  | 375  | 143,761  | 1,642,496   | 60,772   |
| Jul-09  | 2,413,355                                     | 5,591  | 2,142  | 189,056  | 2,413,355   | 89,294   |
| Aug-09  | 2,135,406                                     | 4,456  | 1,019  | 50,457   | 2,135,406   | 79,010   |
| Sep-09  | 1,868,031                                     | 8,417  | 431  | 28,570   | 1,868,031   | 69,117   |
| Oct-09  | 898,812                                       | 4,828  | 634  | 22,689   | 898,812   | 33,256   |
| Nov-09  | 604,569                                       | 4,349  | 249  | 23,290   | 604,569   | 22,369   |
| Dec-09  | 654,167                                       | 1,640  | 78   | 29,521   | 654,167   | 24,204   |
| Jan-10  | 638,002                                       | 4,307  | 60   | 41,194   | 638,002   | 23,606   |
| Feb-10  | 565,816                                       | 5,136  | 13   | 33,681   | 565,816   | 20,935   |
| Mar-10  | 652,703                                       | 5,755  | 38   | 38,585   | 652,703   | 24,150   |
| Apr-10  | 830,949                                       | 30,804   | 49   | 49,128   | 830,949   | 30,745   |
| May-10  | 1,188,313                                     | 33,505   | 174  | 109,310  | 1,188,313   | 43,968   |
| Jun-10  | 1,511,433                                     | 1,959  | 273  | 132,289  | 1,511,433   | 55,923   |
| Jul-10  | 2,359,746                                     | 9,613  | 1,827  | 184,857  | 2,359,746   | 87,311   |
| Aug-10  | 2,228,110                                     | 111  | 1,025  | 52,647   | 2,228,110   | 82,440   |
| Sep-10  | 1,731,612                                     | 4,107  | 434  | 26,484   | 1,731,612   | 64,070   |
| Oct-10  | 1,068,843                                     | 5,252  | 591  | 26,981   | 1,068,843   | 39,547   |
| Nov-10  | 600,008                                       | 3,649  | 279  | 23,115   | 600,008   | 22,200   |
| Dec-10  | 618,409                                       | 6,138  | 83   | 27,908   | 618,409   | 22,881   |
| Jan-11  | 600,533                                       | 3,618  | 62   | 38,775   | 600,533   | 22,220   |
| Feb-11  | 540,766                                       | 1,735  | 14   | 32,190   | 540,766   | 20,008   |
| Mar-11  | 594,413                                       | 968  | 40   | 35,139   | 594,413   | 21,993   |
| Apr-11  | 671,844                                       | 29,259   | 47   | 39,721   | 671,844   | 24,858   |
| May-11  | 1,024,655                                     | 24,124   | 166  | 94,255   | 1,024,655   | 37,912   |
| Jun-11  | 1,492,084                                     | 2,700  | 259  | 130,596  | 1,492,084   | 55,207   |
| Jul-11  | 2,294,124                                     | 2,597  | 1,704  | 179,716  | 2,294,124   | 84,883   |
| Aug-11  | 2,310,865                                     | 5,390  | 1,023  | 54,603   | 2,310,865   | 85,502   |
| Sep-11  | 1,858,208                                     | 4,059  | 464  | 28,420   | 1,858,208   | 68,754   |
| Oct-11  | 939,187                                       | 2,260  | 639  | 23,708   | 939,187   | 34,750   |
| Nov-11  | 590,987                                       | 255  | 290  | 22,767   | 590,987   | 21,867   |
| Dec-11  | 618,208                                       | 317  | 88   | 27,899   | 618,208   | 22,874   |
| Jan-12  | 615,914                                       | 877  | 59   | 39,768   | 615,914   | 21,619   |
| Feb-12  | 586,758                                       | 1,029  | 14   | 34,927   | 586,758   | 20,595   |
| Mar-12  | 662,839                                       | 1,042  | 46   | 39,184   | 662,839   | 23,266   |
| Apr-12  | 970,946                                       | 13,291   | 51   | 57,405   | 970,946   | 34,080   |
| May-12  | 1,311,937                                     | 12,788   | 204  | 120,682  | 1,311,937   | 46,049   |
| Jun-12  | 1,659,956                                     | 2,123  | 318  | 145,289  | 1,659,956   | 58,264   |
| Jul-12  | 2,346,637                                     | 4,604  | 2,216  | 183,830  | 2,346,637   | 82,367   |
| Aug-12  | 2,434,945                                     | 4,115  | 1,157  | 57,535   | 2,434,945   | 85,467   |
| Sep-12  | 1,769,804                                     | 4,194  | 480  | 27,068   | 1,769,804   | 62,120   |
| Oct-12  | 1,364,478                                     | 3,120  | 744  | 34,444   | 1,364,478   | 47,893   |
| Nov-12  | 700,216                                       | 1,526  | 288  | 26,975   | 700,216   | 24,578   |

Historic Data

Forecast Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Dec-12  | 564,348                                       | 1,129  | 86   | 25,468   | 564,348   | 19,809   |
| Jan-13  | 599,769                                       | 854  | 65   | 38,725   | 599,769   | 21,052   |
| Feb-13  | 630,657                                       | 1,106  | 15   | 37,541   | 630,657   | 22,136   |
| Mar-13  | 712,648                                       | 1,120  | 49   | 42,129   | 712,648   | 25,014   |
| Apr-13  | 1,041,913                                     | 14,263   | 55   | 61,600   | 1,041,913   | 36,571   |
| May-13  | 1,398,413                                     | 13,631   | 217  | 128,636  | 1,398,413   | 49,084   |
| Jun-13  | 1,715,816                                     | 2,194  | 329  | 150,178  | 1,715,816   | 60,225   |
| Jul-13  | 2,414,137                                     | 4,736  | 2,279  | 189,118  | 2,414,137   | 84,736   |
| Aug-13  | 2,583,719                                     | 4,366  | 1,228  | 61,050   | 2,583,719   | 90,689   |
| Sep-13  | 1,878,127                                     | 4,450  | 509  | 28,724   | 1,878,127   | 65,922   |
| Oct-13  | 1,399,893                                     | 3,201  | 763  | 35,338   | 1,399,893   | 49,136   |
| Nov-13  | 719,815                                       | 1,569  | 296  | 27,730   | 719,815   | 25,265   |
| Dec-13  | 582,323                                       | 1,165  | 88   | 26,279   | 582,323   | 20,440   |
| Jan-14  | 618,027                                       | 880  | 67   | 39,904   | 618,027   | 21,693   |
| Feb-14  | 649,309                                       | 1,138  | 16   | 38,651   | 649,309   | 22,791   |
| Mar-14  | 733,525                                       | 1,153  | 51   | 43,363   | 733,525   | 25,747   |
| Apr-14  | 1,071,695                                     | 14,670   | 56   | 63,361   | 1,071,695   | 37,617   |
| May-14  | 1,442,744                                     | 14,064   | 224  | 132,714  | 1,442,744   | 50,640   |
| Jun-14  | 1,709,752                                     | 2,186  | 328  | 149,647  | 1,709,752   | 60,012   |
| Jul-14  | 2,437,329                                     | 4,782  | 2,301  | 190,934  | 2,437,329   | 85,550   |
| Aug-14  | 2,642,346                                     | 4,465  | 1,256  | 62,435   | 2,642,346   | 92,746   |
| Sep-14  | 1,921,013                                     | 4,552  | 521  | 29,380   | 1,921,013   | 67,428   |
| Oct-14  | 1,420,233                                     | 3,248  | 774  | 35,852   | 1,420,233   | 49,850   |
| Nov-14  | 724,148                                       | 1,578  | 298  | 27,897   | 724,148   | 25,418   |
| Dec-14  | 575,858                                       | 1,152  | 87   | 25,987   | 575,858   | 20,213   |
| Jan-15  | 613,636                                       | 874  | 66   | 39,621   | 613,636   | 21,539   |
| Feb-15  | 643,210                                       | 1,128  | 16   | 38,288   | 643,210   | 22,577   |
| Mar-15  | 728,934                                       | 1,146  | 50   | 43,091   | 728,934   | 25,586   |
| Apr-15  | 1,063,109                                     | 14,553   | 56   | 62,854   | 1,063,109   | 37,315   |
| May-15  | 1,422,033                                     | 13,862   | 221  | 130,809  | 1,422,033   | 49,913   |
| Jun-15  | 1,759,658                                     | 2,250  | 338  | 154,015  | 1,759,658   | 61,764   |
| Jul-15  | 2,498,728                                     | 4,902  | 2,359  | 195,744  | 2,498,728   | 87,705   |
| Aug-15  | 2,726,502                                     | 4,607  | 1,296  | 64,424   | 2,726,502   | 95,700   |
| Sep-15  | 1,981,942                                     | 4,696  | 538  | 30,312   | 1,981,942   | 69,566   |
| Oct-15  | 1,452,662                                     | 3,322  | 792  | 36,670   | 1,452,662   | 50,988   |
| Nov-15  | 741,855                                       | 1,617  | 305  | 28,579   | 741,855   | 26,039   |
| Dec-15  | 591,950                                       | 1,184  | 90   | 26,714   | 591,950   | 20,777   |
| Jan-16  | 630,998                                       | 899  | 68   | 40,742   | 630,998   | 22,148   |
| Feb-16  | 661,074                                       | 1,159  | 16   | 39,351   | 661,074   | 23,204   |
| Mar-16  | 749,206                                       | 1,177  | 52   | 44,290   | 749,206   | 26,297   |
| Apr-16  | 1,092,301                                     | 14,952   | 57   | 64,579   | 1,092,301   | 38,340   |
| May-16  | 1,466,494                                     | 14,295   | 228  | 134,899  | 1,466,494   | 51,474   |
| Jun-16  | 1,807,658                                     | 2,312  | 347  | 158,217  | 1,807,658   | 63,449   |
| Jul-16  | 2,557,958                                     | 5,018  | 2,415  | 200,384  | 2,557,958   | 89,784   |
| Aug-16  | 2,831,859                                     | 4,785  | 1,346  | 66,913   | 2,831,859   | 99,398   |
| Sep-16  | 2,058,553                                     | 4,878  | 558  | 31,484   | 2,058,553   | 72,255   |
| Oct-16  | 1,484,373                                     | 3,394  | 809  | 37,471   | 1,484,373   | 52,102   |
| Nov-16  | 759,151                                       | 1,654  | 312  | 29,245   | 759,151   | 26,646   |
| Dec-16  | 607,653                                       | 1,216  | 92   | 27,422   | 607,653   | 21,329   |
| Jan-17  | 648,067                                       | 923  | 70   | 41,844   | 648,067   | 22,747   |
| Feb-17  | 678,674                                       | 1,190  | 16   | 40,399   | 678,674   | 23,821   |
| Mar-17  | 769,293                                       | 1,209  | 53   | 45,477   | 769,293   | 27,002   |
| Apr-17  | 1,121,313                                     | 15,350   | 59   | 66,295   | 1,121,313   | 39,358   |
| May-17  | 1,511,094                                     | 14,730   | 235  | 139,002  | 1,511,094   | 53,039   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Jun-17  | 1,855,658  | 2,373   | 356   | 162,418   | 1,855,658  | 65,134  |
| Jul-17  | 2,616,702  | 5,133   | 2,471   | 204,986   | 2,616,702  | 91,846  |
| Aug-17  | 2,938,326  | 4,965   | 1,397   | 69,429  | 2,938,326  | 103,135   |
| Sep-17  | 2,136,050  | 5,061   | 579   | 32,669  | 2,136,050  | 74,975  |
| Oct-17  | 1,515,820  | 3,466   | 827   | 38,265  | 1,515,820  | 53,205  |
| Nov-17  | 776,568  | 1,692   | 320   | 29,916  | 776,568  | 27,258  |
| Dec-17  | 623,927  | 1,248   | 95  | 28,157  | 623,927  | 21,900  |
| Jan-18  | 665,801  | 948   | 72  | 42,989  | 665,801  | 23,370  |
| Feb-18  | 697,098  | 1,222   | 17  | 41,496  | 697,098  | 24,468  |
| Mar-18  | 790,352  | 1,242   | 55  | 46,722  | 790,352  | 27,741  |
| Apr-18  | 1,151,963  | 15,769  | 60  | 68,107  | 1,151,963  | 40,434  |
| May-18  | 1,559,069  | 15,197  | 242   | 143,415   | 1,559,069  | 54,723  |
| Jun-18  | 1,807,154  | 2,311   | 347   | 158,172   | 1,807,154  | 63,431  |
| Jul-18  | 2,608,996  | 5,118   | 2,463   | 204,382   | 2,608,996  | 91,576  |
| Aug-18  | 2,998,475  | 5,067   | 1,425   | 70,850  | 2,998,475  | 105,246   |
| Sep-18  | 2,180,185  | 5,166   | 591   | 33,344  | 2,180,185  | 76,525  |
| Oct-18  | 1,524,133  | 3,485   | 831   | 38,474  | 1,524,133  | 53,497  |
| Nov-18  | 769,508  | 1,677   | 317   | 29,644  | 769,508  | 27,010  |
| Dec-18  | 599,648  | 1,200   | 91  | 27,061  | 599,648  | 21,048  |
| Jan-19  | 644,086  | 917   | 70  | 41,587  | 644,086  | 22,607  |
| Feb-19  | 671,648  | 1,178   | 16  | 39,981  | 671,648  | 23,575  |
| Mar-19  | 765,458  | 1,203   | 53  | 45,250  | 765,458  | 26,868  |
| Apr-19  | 1,112,144  | 15,224  | 58  | 65,753  | 1,112,144  | 39,036  |
| May-19  | 1,485,242  | 14,478  | 231   | 136,624   | 1,485,242  | 52,132  |
| Jun-19  | 1,857,697  | 2,376   | 356   | 162,596   | 1,857,697  | 65,205  |
| Jul-19  | 2,668,338  | 5,235   | 2,519   | 209,031   | 2,668,338  | 93,659  |
| Aug-19  | 3,107,232  | 5,251   | 1,477   | 73,420  | 3,107,232  | 109,064   |
| Sep-19  | 2,259,384  | 5,354   | 613   | 34,556  | 2,259,384  | 79,304  |
| Oct-19  | 1,555,340  | 3,557   | 848   | 39,262  | 1,555,340  | 54,592  |
| Nov-19  | 787,144  | 1,715   | 324   | 30,324  | 787,144  | 27,629  |
| Dec-19  | 616,551  | 1,234   | 93  | 27,824  | 616,551  | 21,641  |
| Jan-20  | 662,359  | 943   | 71  | 42,766  | 662,359  | 23,249  |
| Feb-20  | 690,561  | 1,211   | 17  | 41,106  | 690,561  | 24,239  |
| Mar-20  | 786,931  | 1,237   | 54  | 46,520  | 786,931  | 27,621  |
| Apr-20  | 1,143,267  | 15,650  | 60  | 67,593  | 1,143,267  | 40,129  |
| May-20  | 1,534,082  | 14,954  | 238   | 141,116   | 1,534,082  | 53,846  |
| Jun-20  | 1,908,832  | 2,441   | 366   | 167,072   | 1,908,832  | 67,000  |
| Jul-20  | 2,728,745  | 5,353   | 2,576   | 213,763   | 2,728,745  | 95,779  |
| Aug-20  | 3,219,049  | 5,440   | 1,530   | 76,062  | 3,219,049  | 112,989   |
| Sep-20  | 2,340,867  | 5,547   | 635   | 35,802  | 2,340,867  | 82,164  |
| Oct-20  | 1,587,170  | 3,629   | 866   | 40,066  | 1,587,170  | 55,710  |
| Nov-20  | 805,113  | 1,755   | 331   | 31,016  | 805,113  | 28,259  |
| Dec-20  | 633,743  | 1,268   | 96  | 28,600  | 633,743  | 22,244  |
| Jan-21  | 680,918  | 970   | 73  | 43,965  | 680,918  | 23,900  |
| Feb-21  | 709,835  | 1,244   | 17  | 42,254  | 709,835  | 24,915  |
| Mar-21  | 808,802  | 1,271   | 56  | 47,813  | 808,802  | 28,389  |
| Apr-21  | 1,175,057  | 16,085  | 62  | 69,472  | 1,175,057  | 41,244  |
| May-21  | 1,584,143  | 15,442  | 246   | 145,721   | 1,584,143  | 55,603  |
| Jun-21  | 1,961,404  | 2,508   | 376   | 171,673   | 1,961,404  | 68,845  |
| Jul-21  | 2,790,954  | 5,475   | 2,635   | 218,636   | 2,790,954  | 97,962  |
| Aug-21  | 3,334,540  | 5,635   | 1,585   | 78,791  | 3,334,540  | 117,042   |
| Sep-21  | 2,424,941  | 5,746   | 658   | 37,088  | 2,424,941  | 85,115  |
| Oct-21  | 1,619,710  | 3,704   | 883   | 40,887  | 1,619,710  | 56,852  |
| Nov-21  | 823,444  | 1,795   | 339   | 31,722  | 823,444  | 28,903  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Dec-21  | 651,234  | 1,303   | 99  | 29,389  | 651,234  | 22,858  |
| Jan-22  | 699,744  | 997   | 76  | 45,180  | 699,744  | 24,561  |
| Feb-22  | 729,363  | 1,279   | 18  | 43,416  | 729,363  | 25,601  |
| Mar-22  | 830,922  | 1,306   | 57  | 49,120  | 830,922  | 29,165  |
| Apr-22  | 1,207,153  | 16,525  | 63  | 71,370  | 1,207,153  | 42,371  |
| May-22  | 1,634,674  | 15,934  | 254   | 150,369   | 1,634,674  | 57,377  |
| Jun-22  | 1,894,390  | 2,422   | 363   | 165,808   | 1,894,390  | 66,493  |
| Jul-22  | 2,771,393  | 5,437   | 2,617   | 217,104   | 2,771,393  | 97,276  |
| Aug-22  | 3,389,741  | 5,728   | 1,611   | 80,095  | 3,389,741  | 118,980   |
| Sep-22  | 2,465,699  | 5,842   | 669   | 37,711  | 2,465,699  | 86,546  |
| Oct-22  | 1,624,361  | 3,714   | 886   | 41,004  | 1,624,361  | 57,015  |
| Nov-22  | 811,896  | 1,769   | 334   | 31,277  | 811,896  | 28,498  |
| Dec-22  | 619,035  | 1,239   | 94  | 27,936  | 619,035  | 21,728  |
| Jan-23  | 595,428  | 848   | 64  | 38,445  | 595,428  | 20,900  |
| Feb-23  | 678,448  | 1,189   | 16  | 40,385  | 678,448  | 23,814  |
| Mar-23  | 753,230  | 1,184   | 52  | 44,528  | 753,230  | 26,438  |
| Apr-23  | 1,124,726  | 15,396  | 59  | 66,496  | 1,124,726  | 39,478  |
| May-23  | 1,500,373  | 14,625  | 233   | 138,015   | 1,500,373  | 52,663  |
| Jun-23  | 1,941,112  | 2,482   | 372   | 169,897   | 1,941,112  | 68,133  |
| Jul-23  | 2,834,238  | 5,560   | 2,676   | 222,027   | 2,834,238  | 99,482  |
| Aug-23  | 3,459,827  | 5,846   | 1,644   | 81,751  | 3,459,827  | 121,440   |
| Sep-23  | 2,516,515  | 5,963   | 683   | 38,488  | 2,516,515  | 88,330  |
| Oct-23  | 1,599,408  | 3,657   | 872   | 40,375  | 1,599,408  | 56,139  |
| Nov-23  | 814,741  | 1,776   | 335   | 31,387  | 814,741  | 28,597  |
| Dec-23  | 628,694  | 1,258   | 95  | 28,372  | 628,694  | 22,067  |
| Jan-24  | 689,590  | 982   | 74  | 44,525  | 689,590  | 24,205  |
| Feb-24  | 715,424  | 1,254   | 17  | 42,586  | 715,424  | 25,111  |
| Mar-24  | 819,844  | 1,288   | 57  | 48,466  | 819,844  | 28,777  |
| Apr-24  | 1,186,794  | 16,246  | 62  | 70,166  | 1,186,794  | 41,656  |
| May-24  | 1,590,204  | 15,501  | 247   | 146,279   | 1,590,204  | 55,816  |
| Jun-24  | 2,002,285  | 2,560   | 384   | 175,252   | 2,002,285  | 70,280  |
| Jul-24  | 2,897,727  | 5,685   | 2,736   | 227,001   | 2,897,727  | 101,710   |
| Aug-24  | 3,530,441  | 5,966   | 1,678   | 83,420  | 3,530,441  | 123,918   |
| Sep-24  | 2,567,657  | 6,084   | 697   | 39,270  | 2,567,657  | 90,125  |
| Oct-24  | 1,689,950  | 3,864   | 922   | 42,660  | 1,689,950  | 59,317  |
| Nov-24  | 849,007  | 1,850   | 349   | 32,707  | 849,007  | 29,800  |
| Dec-24  | 654,684  | 1,310   | 99  | 29,545  | 654,684  | 22,979  |
| Jan-25  | 708,716  | 1,009   | 76  | 45,760  | 708,716  | 24,876  |
| Feb-25  | 735,190  | 1,289   | 18  | 43,763  | 735,190  | 25,805  |
| Mar-25  | 842,206  | 1,324   | 58  | 49,787  | 842,206  | 29,561  |
| Apr-25  | 1,219,131  | 16,689  | 64  | 72,078  | 1,219,131  | 42,791  |
| May-25  | 1,641,352  | 16,000  | 255   | 150,984   | 1,641,352  | 57,611  |
| Jun-25  | 2,055,687  | 2,629   | 394   | 179,926   | 2,055,687  | 72,155  |
| Jul-25  | 2,960,641  | 5,808   | 2,795   | 231,929   | 2,960,641  | 103,918   |
| Aug-25  | 3,600,845  | 6,085   | 1,712   | 85,083  | 3,600,845  | 126,390   |
| Sep-25  | 2,618,744  | 6,205   | 710   | 40,052  | 2,618,744  | 91,918  |
| Oct-25  | 1,722,813  | 3,939   | 939   | 43,490  | 1,722,813  | 60,471  |
| Nov-25  | 867,477  | 1,890   | 357   | 33,419  | 867,477  | 30,448  |
| Dec-25  | 672,227  | 1,345   | 102   | 30,336  | 672,227  | 23,595  |
| Jan-26  | 727,665  | 1,036   | 79  | 46,983  | 727,665  | 25,541  |
| Feb-26  | 754,806  | 1,323   | 18  | 44,931  | 754,806  | 26,494  |
| Mar-26  | 864,473  | 1,358   | 60  | 51,104  | 864,473  | 30,343  |
| Apr-26  | 1,251,400  | 17,130  | 66  | 73,986  | 1,251,400  | 43,924  |
| May-26  | 1,692,568  | 16,499  | 263   | 155,695   | 1,692,568  | 59,409  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Jun-26  | 1,978,313  | 2,530   | 380   | 173,153   | 1,978,313  | 69,439  |
| Jul-26  | 2,934,597  | 5,757   | 2,771   | 229,889   | 2,934,597  | 103,004   |
| Aug-26  | 3,604,102  | 6,090   | 1,713   | 85,160  | 3,604,102  | 126,504   |
| Sep-26  | 2,621,713  | 6,212   | 711   | 40,097  | 2,621,713  | 92,022  |
| Oct-26  | 1,725,690  | 3,946   | 941   | 43,562  | 1,725,690  | 60,572  |
| Nov-26  | 853,527  | 1,860   | 351   | 32,881  | 853,527  | 29,959  |
| Dec-26  | 635,560  | 1,272   | 96  | 28,682  | 635,560  | 22,308  |
| Jan-27  | 693,968  | 988   | 75  | 44,807  | 693,968  | 24,358  |
| Feb-27  | 716,135  | 1,256   | 17  | 42,629  | 716,135  | 25,136  |
| Mar-27  | 825,845  | 1,298   | 57  | 48,820  | 825,845  | 28,987  |
| Apr-27  | 1,190,664  | 16,299  | 62  | 70,395  | 1,190,664  | 41,792  |
| May-27  | 1,583,185  | 15,433  | 246   | 145,633   | 1,583,185  | 55,570  |
| Jun-27  | 2,033,715  | 2,601   | 390   | 178,002   | 2,033,715  | 71,383  |
| Jul-27  | 3,000,751  | 5,887   | 2,833   | 235,071   | 3,000,751  | 105,326   |
| Aug-27  | 3,678,376  | 6,216   | 1,748   | 86,915  | 3,678,376  | 129,111   |
| Sep-27  | 2,675,549  | 6,340   | 726   | 40,920  | 2,675,549  | 93,912  |
| Oct-27  | 1,760,149  | 4,025   | 960   | 44,432  | 1,760,149  | 61,781  |
| Nov-27  | 872,740  | 1,902   | 359   | 33,621  | 872,740  | 30,633  |
| Dec-27  | 653,599  | 1,308   | 99  | 29,496  | 653,599  | 22,941  |
| Jan-28  | 713,395  | 1,016   | 77  | 46,062  | 713,395  | 25,040  |
| Feb-28  | 736,258  | 1,291   | 18  | 43,827  | 736,258  | 25,843  |
| Mar-28  | 848,652  | 1,334   | 59  | 50,169  | 848,652  | 29,788  |
| Apr-28  | 1,223,711  | 16,751  | 64  | 72,349  | 1,223,711  | 42,952  |
| May-28  | 1,635,703  | 15,944  | 254   | 150,464   | 1,635,703  | 57,413  |
| Jun-28  | 2,089,172  | 2,671   | 401   | 182,856   | 2,089,172  | 73,330  |
| Jul-28  | 3,066,853  | 6,017   | 2,896   | 240,250   | 3,066,853  | 107,647   |
| Aug-28  | 3,752,668  | 6,341   | 1,784   | 88,671  | 3,752,668  | 131,719   |
| Sep-28  | 2,729,459  | 6,467   | 740   | 41,745  | 2,729,459  | 95,804  |
| Oct-28  | 1,794,664  | 4,104   | 979   | 45,304  | 1,794,664  | 62,993  |
| Nov-28  | 891,974  | 1,944   | 367   | 34,362  | 891,974  | 31,308  |
| Dec-28  | 671,624  | 1,344   | 102   | 30,309  | 671,624  | 23,574  |
| Jan-29  | 732,840  | 1,044   | 79  | 47,317  | 732,840  | 25,723  |
| Feb-29  | 756,400  | 1,326   | 18  | 45,026  | 756,400  | 26,550  |
| Mar-29  | 871,513  | 1,370   | 60  | 51,520  | 871,513  | 30,590  |
| Apr-29  | 1,256,845  | 17,205  | 66  | 74,308  | 1,256,845  | 44,115  |
| May-29  | 1,688,460  | 16,459  | 262   | 155,317   | 1,688,460  | 59,265  |
| Jun-29  | 2,145,161  | 2,743   | 412   | 187,757   | 2,145,161  | 75,295  |
| Jul-29  | 3,134,110  | 6,149   | 2,959   | 245,518   | 3,134,110  | 110,007   |
| Aug-29  | 3,828,675  | 6,470   | 1,820   | 90,467  | 3,828,675  | 134,386   |
| Sep-29  | 2,784,811  | 6,599   | 755   | 42,592  | 2,784,811  | 97,747  |
| Oct-29  | 1,830,161  | 4,185   | 998   | 46,200  | 1,830,161  | 64,239  |
| Nov-29  | 911,708  | 1,987   | 375   | 35,123  | 911,708  | 32,001  |
| Dec-29  | 689,977  | 1,381   | 105   | 31,137  | 689,977  | 24,218  |
| Jan-30  | 752,639  | 1,072   | 81  | 48,596  | 752,639  | 26,418  |
| Feb-30  | 776,975  | 1,362   | 19  | 46,250  | 776,975  | 27,272  |
| Mar-30  | 894,880  | 1,406   | 62  | 52,901  | 894,880  | 31,410  |
| Apr-30  | 1,290,810  | 17,670  | 68  | 76,316  | 1,290,810  | 45,307  |
| May-30  | 1,742,551  | 16,986  | 271   | 160,293   | 1,742,551  | 61,164  |
| Jun-30  | 2,065,192  | 2,641   | 396   | 180,757   | 2,065,192  | 72,488  |
| Jul-30  | 3,109,743  | 6,101   | 2,936   | 243,610   | 3,109,743  | 109,152   |
| Aug-30  | 3,836,035  | 6,482   | 1,823   | 90,640  | 3,836,035  | 134,645   |
| Sep-30  | 2,790,688  | 6,612   | 757   | 42,681  | 2,790,688  | 97,953  |
| Oct-30  | 1,834,610  | 4,195   | 1,000   | 46,312  | 1,834,610  | 64,395  |
| Nov-30  | 897,506  | 1,956   | 369   | 34,575  | 897,506  | 31,502  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Dec-30  | 651,404                                       | 1,303  | 99   | 29,397   | 651,404   | 22,864   |
| Jan-31  | 717,055                                       | 1,021  | 77   | 46,298   | 717,055   | 25,169   |
| Feb-31  | 736,194                                       | 1,291  | 18   | 43,823   | 736,194   | 25,840   |
| Mar-31  | 854,026                                       | 1,342  | 59   | 50,486   | 854,026   | 29,976   |
| Apr-31  | 1,226,622                                     | 16,791   | 64   | 72,521   | 1,226,622   | 43,054   |
| May-31  | 1,627,285                                     | 15,862   | 253  | 149,690  | 1,627,285   | 57,118   |
| Jun-31  | 2,123,734                                     | 2,716  | 407  | 185,881  | 2,123,734   | 74,543   |
| Jul-31  | 3,180,495                                     | 6,240  | 3,003  | 249,152  | 3,180,495   | 111,635  |
| Aug-31  | 3,916,061                                     | 6,617  | 1,861  | 92,531   | 3,916,061   | 137,454  |
| Sep-31  | 2,848,802                                     | 6,750  | 773  | 43,570   | 2,848,802   | 99,993   |
| Oct-31  | 1,871,548                                     | 4,280  | 1,021  | 47,244   | 1,871,548   | 65,691   |
| Nov-31  | 917,923                                       | 2,000  | 378  | 35,362   | 917,923   | 32,219   |
| Dec-31  | 670,285                                       | 1,341  | 102  | 30,249   | 670,285   | 23,527   |
| Jan-32  | 648,776                                       | 924  | 70   | 41,889   | 648,776   | 22,772   |
| Feb-32  | 737,202                                       | 1,292  | 18   | 43,883   | 737,202   | 25,876   |
| Mar-32  | 825,954                                       | 1,298  | 57   | 48,827   | 825,954   | 28,991   |
| Apr-32  | 1,226,879                                     | 16,795   | 64   | 72,536   | 1,226,879   | 43,063   |
| May-32  | 1,638,373                                     | 15,970   | 255  | 150,710  | 1,638,373   | 57,507   |
| Jun-32  | 2,175,110                                     | 2,781  | 417  | 190,378  | 2,175,110   | 76,346   |
| Jul-32  | 3,252,280                                     | 6,380  | 3,071  | 254,775  | 3,252,280   | 114,155  |
| Aug-32  | 3,997,165                                     | 6,754  | 1,900  | 94,448   | 3,997,165   | 140,300  |
| Sep-32  | 2,907,702                                     | 6,890  | 789  | 44,471   | 2,907,702   | 102,060  |
| Oct-32  | 1,841,289                                     | 4,210  | 1,004  | 46,480   | 1,841,289   | 64,629   |
| Nov-32  | 920,184                                       | 2,005  | 379  | 35,449   | 920,184   | 32,298   |
| Dec-32  | 679,790                                       | 1,360  | 103  | 30,678   | 679,790   | 23,861   |
| Jan-33  | 757,876                                       | 1,079  | 82   | 48,934   | 757,876   | 26,601   |
| Feb-33  | 778,698                                       | 1,365  | 19   | 46,353   | 778,698   | 27,332   |
| Mar-33  | 902,131                                       | 1,418  | 62   | 53,330   | 902,131   | 31,665   |
| Apr-33  | 1,296,598                                     | 17,749   | 68   | 76,658   | 1,296,598   | 45,511   |
| May-33  | 1,739,497                                     | 16,956   | 270  | 160,012  | 1,739,497   | 61,056   |
| Jun-33  | 2,243,644                                     | 2,869  | 430  | 196,377  | 2,243,644   | 78,752   |
| Jul-33  | 3,325,133                                     | 6,523  | 3,140  | 260,483  | 3,325,133   | 116,712  |
| Aug-33  | 4,079,405                                     | 6,893  | 1,939  | 96,391   | 4,079,405   | 143,187  |
| Sep-33  | 2,967,385                                     | 7,031  | 805  | 45,384   | 2,967,385   | 104,155  |
| Oct-33  | 1,946,856                                     | 4,452  | 1,062  | 49,145   | 1,946,856   | 68,335   |
| Nov-33  | 959,546                                       | 2,091  | 395  | 36,965   | 959,546   | 33,680   |
| Dec-33  | 708,761                                       | 1,418  | 107  | 31,985   | 708,761   | 24,878   |
| Jan-34  | 778,562                                       | 1,109  | 84   | 50,269   | 778,562   | 27,328   |
| Feb-34  | 800,201                                       | 1,403  | 19   | 47,633   | 800,201   | 28,087   |
| Mar-34  | 926,445                                       | 1,456  | 64   | 54,767   | 926,445   | 32,518   |
| Apr-34  | 1,331,907                                     | 18,232   | 70   | 78,745   | 1,331,907   | 46,750   |
| May-34  | 1,796,199                                     | 17,509   | 279  | 165,228  | 1,796,199   | 63,047   |
| Jun-34  | 2,153,100                                     | 2,753  | 413  | 188,452  | 2,153,100   | 75,574   |
| Jul-34  | 3,294,802                                     | 6,464  | 3,111  | 258,107  | 3,294,802   | 115,648  |
| Aug-34  | 4,083,371                                     | 6,900  | 1,941  | 96,485   | 4,083,371   | 143,326  |
| Sep-34  | 2,970,919                                     | 7,040  | 806  | 45,438   | 2,970,919   | 104,279  |
| Oct-34  | 1,949,733                                     | 4,458  | 1,063  | 49,218   | 1,949,733   | 68,436   |
| Nov-34  | 942,941                                       | 2,055  | 388  | 36,326   | 942,941   | 33,097   |
| Dec-34  | 665,638                                       | 1,332  | 101  | 30,039   | 665,638   | 23,364   |
| Jan-35  | 738,711                                       | 1,052  | 80   | 47,696   | 738,711   | 25,929   |
| Feb-35  | 754,684                                       | 1,323  | 18   | 44,923   | 754,684   | 26,489   |
| Mar-35  | 880,811                                       | 1,384  | 61   | 52,070   | 880,811   | 30,916   |
| Apr-35  | 1,260,413                                     | 17,254   | 66   | 74,519   | 1,260,413   | 44,240   |
| May-35  | 1,668,764                                     | 16,267   | 259  | 153,505  | 1,668,764   | 58,574   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Jun-35  | 2,215,833                                     | 2,833  | 425  | 193,942  | 2,215,833   | 77,776   |
| Jul-35  | 3,369,875                                     | 6,611  | 3,182  | 263,988  | 3,369,875   | 118,283  |
| Aug-35  | 4,167,754                                     | 7,043  | 1,981  | 98,479   | 4,167,754   | 146,288  |
| Sep-35  | 3,032,145                                     | 7,185  | 823  | 46,374   | 3,032,145   | 106,428  |
| Oct-35  | 1,988,505                                     | 4,547  | 1,084  | 50,197   | 1,988,505   | 69,797   |
| Nov-35  | 964,448                                       | 2,102  | 397  | 37,154   | 964,448   | 33,852   |
| Dec-35  | 685,618                                       | 1,372  | 104  | 30,941   | 685,618   | 24,065   |
| Jan-36  | 760,075                                       | 1,082  | 82   | 49,076   | 760,075   | 26,679   |
| Feb-36  | 776,880                                       | 1,362  | 19   | 46,245   | 776,880   | 27,268   |
| Mar-36  | 905,859                                       | 1,424  | 63   | 53,550   | 905,859   | 31,796   |
| Apr-36  | 1,296,766                                     | 17,751   | 68   | 76,668   | 1,296,766   | 45,516   |
| May-36  | 1,727,392                                     | 16,838   | 268  | 158,898  | 1,727,392   | 60,631   |
| Jun-36  | 2,278,271                                     | 2,913  | 437  | 199,407  | 2,278,271   | 79,967   |
| Jul-36  | 3,444,976                                     | 6,758  | 3,253  | 269,871  | 3,444,976   | 120,919  |
| Aug-36  | 4,252,515                                     | 7,186  | 2,021  | 100,481  | 4,252,515   | 149,263  |
| Sep-36  | 3,093,687                                     | 7,330  | 839  | 47,316   | 3,093,687   | 108,588  |
| Oct-36  | 2,027,431                                     | 4,636  | 1,106  | 51,179   | 2,027,431   | 71,163   |
| Nov-36  | 985,915                                       | 2,149  | 406  | 37,981   | 985,915   | 34,606   |
| Dec-36  | 705,373                                       | 1,411  | 107  | 31,832   | 705,373   | 24,759   |
| Jan-37  | 781,223                                       | 1,113  | 84   | 50,441   | 781,223   | 27,421   |
| Feb-37  | 798,869                                       | 1,401  | 19   | 47,554   | 798,869   | 28,040   |
| Mar-37  | 930,701                                       | 1,463  | 64   | 55,019   | 930,701   | 32,668   |
| Apr-37  | 1,332,848                                     | 18,245   | 70   | 78,801   | 1,332,848   | 46,783   |
| May-37  | 1,785,751                                     | 17,407   | 278  | 164,267  | 1,785,751   | 62,680   |
| Jun-37  | 2,340,788                                     | 2,993  | 449  | 204,879  | 2,340,788   | 82,162   |
| Jul-37  | 3,520,651                                     | 6,907  | 3,324  | 275,799  | 3,520,651   | 123,575  |
| Aug-37  | 4,338,124                                     | 7,331  | 2,062  | 102,504  | 4,338,124   | 152,268  |
| Sep-37  | 3,155,847                                     | 7,478  | 856  | 48,266   | 3,155,847   | 110,770  |
| Oct-37  | 2,066,671                                     | 4,726  | 1,127  | 52,170   | 2,066,671   | 72,540   |
| Nov-37  | 1,007,462                                     | 2,196  | 415  | 38,811   | 1,007,462   | 35,362   |
| Dec-37  | 725,063                                       | 1,451  | 110  | 32,721   | 725,063   | 25,450   |
| Jan-38  | 802,317                                       | 1,143  | 87   | 51,803   | 802,317   | 28,161   |
| Feb-38  | 820,803                                       | 1,439  | 20   | 48,859   | 820,803   | 28,810   |
| Mar-38  | 955,509                                       | 1,502  | 66   | 56,485   | 955,509   | 33,538   |
| Apr-38  | 1,368,879                                     | 18,738   | 72   | 80,931   | 1,368,879   | 48,048   |
| May-38  | 1,844,124                                     | 17,976   | 287  | 169,636  | 1,844,124   | 64,729   |
| Jun-38  | 2,237,924                                     | 2,862  | 429  | 195,876  | 2,237,924   | 78,551   |
| Jul-38  | 3,483,481                                     | 6,834  | 3,289  | 272,887  | 3,483,481   | 122,270  |
| Aug-38  | 4,338,153                                     | 7,331  | 2,062  | 102,505  | 4,338,153   | 152,269  |
| Sep-38  | 3,156,569                                     | 7,479  | 856  | 48,277   | 3,156,569   | 110,796  |
| Oct-38  | 2,067,612                                     | 4,728  | 1,128  | 52,194   | 2,067,612   | 72,573   |
| Nov-38  | 987,842                                       | 2,153  | 406  | 38,055   | 987,842   | 34,673   |
| Dec-38  | 676,152                                       | 1,353  | 102  | 30,514   | 676,152   | 23,733   |
| Jan-39  | 756,898                                       | 1,078  | 82   | 48,871   | 756,898   | 26,567   |
| Feb-39  | 769,016                                       | 1,348  | 19   | 45,777   | 769,016   | 26,992   |
| Mar-39  | 903,373                                       | 1,420  | 62   | 53,403   | 903,373   | 31,708   |
| Apr-39  | 1,287,300                                     | 17,622   | 68   | 76,108   | 1,287,300   | 45,184   |
| May-39  | 1,699,527                                     | 16,567   | 264  | 156,335  | 1,699,527   | 59,653   |
| Jun-39  | 2,301,868                                     | 2,943  | 442  | 201,473  | 2,301,868   | 80,796   |
| Jul-39  | 3,560,933                                     | 6,986  | 3,362  | 278,955  | 3,560,933   | 124,989  |
| Aug-39  | 4,425,582                                     | 7,478  | 2,104  | 104,571  | 4,425,582   | 155,338  |
| Sep-39  | 3,219,931                                     | 7,630  | 873  | 49,246   | 3,219,931   | 113,020  |
| Oct-39  | 2,107,532                                     | 4,819  | 1,149  | 53,201   | 2,107,532   | 73,974   |
| Nov-39  | 1,009,729                                     | 2,200  | 415  | 38,899   | 1,009,729   | 35,441   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Dec-39  | 696,142  | 1,393   | 105   | 31,416  | 696,142  | 24,435  |
| Jan-40  | 778,374  | 1,109   | 84  | 50,257  | 778,374  | 27,321  |
| Feb-40  | 791,276  | 1,387   | 19  | 47,102  | 791,276  | 27,774  |
| Mar-40  | 928,589  | 1,459   | 64  | 54,894  | 928,589  | 32,593  |
| Apr-40  | 1,323,829  | 18,122  | 69  | 78,268  | 1,323,829  | 46,466  |
| May-40  | 1,758,902  | 17,145  | 273   | 161,797   | 1,758,902  | 61,737  |
| Jun-40  | 2,365,299  | 3,025   | 454   | 207,025   | 2,365,299  | 83,022  |
| Jul-40  | 3,637,476  | 7,136   | 3,434   | 284,951   | 3,637,476  | 127,675   |
| Aug-40  | 4,512,369  | 7,625   | 2,145   | 106,621   | 4,512,369  | 158,384   |
| Sep-40  | 3,283,176  | 7,779   | 891   | 50,214  | 3,283,176  | 115,239   |
| Oct-40  | 2,147,594  | 4,911   | 1,171   | 54,213  | 2,147,594  | 75,381  |
| Nov-40  | 1,031,850  | 2,249   | 425   | 39,751  | 1,031,850  | 36,218  |
| Dec-40  | 716,539  | 1,434   | 109   | 32,336  | 716,539  | 25,151  |
| Jan-41  | 697,737  | 994   | 75  | 45,051  | 697,737  | 24,491  |
| Feb-41  | 790,967  | 1,387   | 19  | 47,083  | 790,967  | 27,763  |
| Mar-41  | 894,493  | 1,406   | 62  | 52,878  | 894,493  | 31,397  |
| Apr-41  | 1,321,980  | 18,096  | 69  | 78,159  | 1,321,980  | 46,401  |
| May-41  | 1,769,615  | 17,250  | 275   | 162,782   | 1,769,615  | 62,113  |
| Jun-41  | 2,422,852  | 3,098   | 465   | 212,062   | 2,422,852  | 85,042  |
| Jul-41  | 3,718,336  | 7,295   | 3,511   | 291,285   | 3,718,336  | 130,514   |
| Aug-41  | 4,603,546  | 7,779   | 2,188   | 108,776   | 4,603,546  | 161,584   |
| Sep-41  | 3,349,382  | 7,936   | 909   | 51,226  | 3,349,382  | 117,563   |
| Oct-41  | 2,111,256  | 4,828   | 1,151   | 53,295  | 2,111,256  | 74,105  |
| Nov-41  | 1,033,493  | 2,252   | 425   | 39,814  | 1,033,493  | 36,276  |
| Dec-41  | 726,365  | 1,453   | 110   | 32,780  | 726,365  | 25,495  |
| Jan-42  | 822,874  | 1,172   | 89  | 53,130  | 822,874  | 28,883  |
| Feb-42  | 837,617  | 1,469   | 20  | 49,860  | 837,617  | 29,400  |
| Mar-42  | 981,100  | 1,542   | 68  | 57,998  | 981,100  | 34,437  |
| Apr-42  | 1,400,242  | 19,168  | 74  | 82,786  | 1,400,242  | 49,148  |
| May-42  | 1,883,831  | 18,363  | 293   | 173,289   | 1,883,831  | 66,122  |
| Jun-42  | 2,320,176  | 2,967   | 445   | 203,075   | 2,320,176  | 81,438  |
| Jul-42  | 3,677,046  | 7,214   | 3,472   | 288,051   | 3,677,046  | 129,064   |
| Aug-42  | 4,602,312  | 7,777   | 2,188   | 108,747   | 4,602,312  | 161,541   |
| Sep-42  | 3,349,281  | 7,936   | 909   | 51,225  | 3,349,281  | 117,560   |
| Oct-42  | 2,189,598  | 5,007   | 1,194   | 55,273  | 2,189,598  | 76,855  |
| Nov-42  | 1,033,151  | 2,252   | 425   | 39,801  | 1,033,151  | 36,264  |
| Dec-42  | 684,201  | 1,369   | 104   | 30,877  | 684,201  | 24,015  |
| Jan-43  | 773,270  | 1,101   | 83  | 49,928  | 773,270  | 27,142  |
| Feb-43  | 781,091  | 1,369   | 19  | 46,495  | 781,091  | 27,416  |
| Mar-43  | 924,132  | 1,452   | 64  | 54,631  | 924,132  | 32,437  |
| Apr-43  | 1,311,150  | 17,948  | 69  | 77,518  | 1,311,150  | 46,021  |
| May-43  | 1,726,510  | 16,830  | 268   | 158,817   | 1,726,510  | 60,601  |
| Jun-43  | 2,388,473  | 3,054   | 458   | 209,053   | 2,388,473  | 83,835  |
| Jul-43  | 3,759,930  | 7,376   | 3,550   | 294,544   | 3,759,930  | 131,974   |
| Aug-43  | 4,696,178  | 7,936   | 2,232   | 110,965   | 4,696,178  | 164,836   |
| Sep-43  | 3,417,489  | 8,098   | 927   | 52,268  | 3,417,489  | 119,954   |
| Oct-43  | 2,232,449  | 5,105   | 1,217   | 56,355  | 2,232,449  | 78,359  |
| Nov-43  | 1,056,605  | 2,303   | 435   | 40,705  | 1,056,605  | 37,087  |
| Dec-43  | 705,505  | 1,412   | 107   | 31,838  | 705,505  | 24,763  |
| Jan-44  | 796,095  | 1,134   | 86  | 51,401  | 796,095  | 27,943  |
| Feb-44  | 804,847  | 1,411   | 19  | 47,909  | 804,847  | 28,250  |
| Mar-44  | 951,009  | 1,494   | 66  | 56,219  | 951,009  | 33,380  |
| Apr-44  | 1,350,215  | 18,483  | 71  | 79,828  | 1,350,215  | 47,393  |
| May-44  | 1,790,570  | 17,454  | 278   | 164,710   | 1,790,570  | 62,849  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Jun-44  | 2,457,499                                     | 3,142  | 472  | 215,094  | 2,457,499   | 86,258   |
| Jul-44  | 3,843,968                                     | 7,541  | 3,629  | 301,127  | 3,843,968   | 134,923  |
| Aug-44  | 4,791,482                                     | 8,097  | 2,277  | 113,216  | 4,791,482   | 168,181  |
| Sep-44  | 3,486,744                                     | 8,262  | 946  | 53,327   | 3,486,744   | 122,385  |
| Oct-44  | 2,275,898                                     | 5,204  | 1,241  | 57,452   | 2,275,898   | 79,884   |
| Nov-44  | 1,080,308                                     | 2,354  | 445  | 41,618   | 1,080,308   | 37,919   |
| Dec-44  | 726,909                                       | 1,455  | 110  | 32,804   | 726,909   | 25,515   |
| Jan-45  | 819,022                                       | 1,166  | 88   | 52,882   | 819,022   | 28,748   |
| Feb-45  | 828,704                                       | 1,453  | 20   | 49,329   | 828,704   | 29,087   |
| Mar-45  | 977,999                                       | 1,537  | 68   | 57,815   | 977,999   | 34,328   |
| Apr-45  | 1,389,434                                     | 19,020   | 73   | 82,147   | 1,389,434   | 48,769   |
| May-45  | 1,854,976                                     | 18,082   | 288  | 170,634  | 1,854,976   | 65,110   |
| Jun-45  | 2,527,124                                     | 3,232  | 485  | 221,188  | 2,527,124   | 88,702   |
| Jul-45  | 3,929,077                                     | 7,708  | 3,710  | 307,794  | 3,929,077   | 137,911  |
| Aug-45  | 4,888,177                                     | 8,260  | 2,323  | 115,501  | 4,888,177   | 171,575  |
| Sep-45  | 3,557,019                                     | 8,428  | 965  | 54,402   | 3,557,019   | 124,851  |
| Oct-45  | 2,319,929                                     | 5,305  | 1,265  | 58,563   | 2,319,929   | 81,430   |
| Nov-45  | 1,104,239                                     | 2,406  | 454  | 42,540   | 1,104,239   | 38,759   |
| Dec-45  | 748,381                                       | 1,498  | 113  | 33,773   | 748,381   | 26,268   |
| Jan-46  | 842,023                                       | 1,199  | 91   | 54,367   | 842,023   | 29,555   |
| Feb-46  | 852,637                                       | 1,495  | 21   | 50,754   | 852,637   | 29,928   |
| Mar-46  | 1,005,083                                     | 1,579  | 69   | 59,416   | 1,005,083   | 35,278   |
| Apr-46  | 1,428,786                                     | 19,558   | 75   | 84,473   | 1,428,786   | 50,150   |
| May-46  | 1,919,716                                     | 18,713   | 298  | 176,590  | 1,919,716   | 67,382   |
| Jun-46  | 2,402,582                                     | 3,072  | 461  | 210,288  | 2,402,582   | 84,331   |
| Jul-46  | 3,882,060                                     | 7,616  | 3,665  | 304,111  | 3,882,060   | 136,260  |
| Aug-46  | 4,884,860                                     | 8,254  | 2,322  | 115,423  | 4,884,860   | 171,459  |
| Sep-46  | 3,555,493                                     | 8,425  | 964  | 54,378   | 3,555,493   | 124,798  |
| Oct-46  | 2,319,153                                     | 5,303  | 1,265  | 58,543   | 2,319,153   | 81,402   |
| Nov-46  | 1,079,817                                     | 2,353  | 444  | 41,599   | 1,079,817   | 37,902   |
| Dec-46  | 689,119                                       | 1,379  | 104  | 31,099   | 689,119   | 24,188   |
| Jan-47  | 786,809                                       | 1,121  | 85   | 50,802   | 786,809   | 27,617   |
| Feb-47  | 789,797                                       | 1,385  | 19   | 47,014   | 789,797   | 27,722   |
| Mar-47  | 941,639                                       | 1,480  | 65   | 55,665   | 941,639   | 33,052   |
| Apr-47  | 1,329,662                                     | 18,202   | 70   | 78,613   | 1,329,662   | 46,671   |
| May-47  | 1,745,400                                     | 17,014   | 271  | 160,555  | 1,745,400   | 61,264   |
| Jun-47  | 2,474,114                                     | 3,164  | 475  | 216,549  | 2,474,114   | 86,841   |
| Jul-47  | 3,969,867                                     | 7,788  | 3,748  | 310,989  | 3,969,867   | 139,342  |
| Aug-47  | 4,984,793                                     | 8,423  | 2,369  | 117,784  | 4,984,793   | 174,966  |
| Sep-47  | 3,628,132                                     | 8,597  | 984  | 55,489   | 3,628,132   | 127,347  |
| Oct-47  | 2,364,547                                     | 5,407  | 1,289  | 59,689   | 2,364,547   | 82,996   |
| Nov-47  | 1,104,388                                     | 2,407  | 454  | 42,545   | 1,104,388   | 38,764   |
| Dec-47  | 711,002                                       | 1,423  | 108  | 32,086   | 711,002   | 24,956   |
| Jan-48  | 810,245                                       | 1,154  | 87   | 52,315   | 810,245   | 28,440   |
| Feb-48  | 814,186                                       | 1,427  | 20   | 48,465   | 814,186   | 28,578   |
| Mar-48  | 969,241                                       | 1,523  | 67   | 57,297   | 969,241   | 34,020   |
| Apr-48  | 1,369,765                                     | 18,751   | 72   | 80,984   | 1,369,765   | 48,079   |
| May-48  | 1,811,645                                     | 17,659   | 282  | 166,648  | 1,811,645   | 63,589   |
| Jun-48  | 2,546,257                                     | 3,256  | 489  | 222,863  | 2,546,257   | 89,374   |
| Jul-48  | 4,058,796                                     | 7,963  | 3,832  | 317,956  | 4,058,796   | 142,464  |
| Aug-48  | 5,086,168                                     | 8,595  | 2,417  | 120,179  | 5,086,168   | 178,524  |
| Sep-48  | 3,701,813                                     | 8,771  | 1,004  | 56,616   | 3,701,813   | 129,934  |
| Oct-48  | 2,410,517                                     | 5,512  | 1,314  | 60,850   | 2,410,517   | 84,609   |
| Nov-48  | 1,129,171                                     | 2,461  | 465  | 43,500   | 1,129,171   | 39,634   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Dec-48  | 732,919                                       | 1,467  | 111  | 33,075   | 732,919   | 25,725   |
| Jan-49  | 833,704                                       | 1,187  | 90   | 53,830   | 833,704   | 29,263   |
| Feb-49  | 838,598                                       | 1,470  | 20   | 49,918   | 838,598   | 29,435   |
| Mar-49  | 996,861                                       | 1,567  | 69   | 58,930   | 996,861   | 34,990   |
| Apr-49  | 1,409,886                                     | 19,300   | 74   | 83,356   | 1,409,886   | 49,487   |
| May-49  | 1,878,065                                     | 18,307   | 292  | 172,758  | 1,878,065   | 65,920   |
| Jun-49  | 2,618,855                                     | 3,349  | 502  | 229,217  | 2,618,855   | 91,922   |
| Jul-49  | 4,148,649                                     | 8,139  | 3,917  | 324,995  | 4,148,649   | 145,618  |
| Aug-49  | 5,188,809                                     | 8,768  | 2,466  | 122,605  | 5,188,809   | 182,127  |
| Sep-49  | 3,776,439                                     | 8,948  | 1,024  | 57,758   | 3,776,439   | 132,553  |
| Oct-49  | 2,457,005                                     | 5,618  | 1,340  | 62,023   | 2,457,005   | 86,241   |
| Nov-49  | 1,154,142                                     | 2,515  | 475  | 44,462   | 1,154,142   | 40,510   |
| Dec-49  | 754,855                                       | 1,510  | 114  | 34,065   | 754,855   | 26,495   |
| Jan-50  | 739,642                                       | 1,053  | 80   | 47,756   | 739,642   | 25,961   |
| Feb-50  | 836,381                                       | 1,466  | 20   | 49,786   | 836,381   | 29,357   |
| Mar-50  | 955,599                                       | 1,502  | 66   | 56,491   | 955,599   | 33,542   |
| Apr-50  | 1,404,340                                     | 19,224   | 74   | 83,028   | 1,404,340   | 49,292   |
| May-50  | 1,885,415                                     | 18,379   | 293  | 173,434  | 1,885,415   | 66,178   |
| Jun-50  | 2,561,005                                     | 3,275  | 491  | 224,154  | 2,561,005   | 89,891   |
| Jul-50  | 4,157,306                                     | 8,156  | 3,925  | 325,673  | 4,157,306   | 145,921  |
| Aug-50  | 5,230,255                                     | 8,838  | 2,486  | 123,584  | 5,230,255   | 183,582  |
| Sep-50  | 3,807,141                                     | 9,021  | 1,033  | 58,227   | 3,807,141   | 133,631  |
| Oct-50  | 2,387,914                                     | 5,460  | 1,302  | 60,279   | 2,387,914   | 83,816   |
| Nov-50  | 1,125,290                                     | 2,452  | 463  | 43,351   | 1,125,290   | 39,498   |
| Dec-50  | 714,273                                       | 1,429  | 108  | 32,234   | 714,273   | 25,071   |
| Jan-51  | 832,326                                       | 1,185  | 90   | 53,741   | 832,326   | 29,215   |
| Feb-51  | 833,817                                       | 1,462  | 20   | 49,634   | 833,817   | 29,267   |
| Mar-51  | 996,252                                       | 1,566  | 69   | 58,894   | 996,252   | 34,968   |
| Apr-51  | 1,404,661                                     | 19,228   | 74   | 83,047   | 1,404,661   | 49,304   |
| May-51  | 1,863,700                                     | 18,167   | 290  | 171,437  | 1,863,700   | 65,416   |
| Jun-51  | 2,645,807                                     | 3,383  | 508  | 231,576  | 2,645,807   | 92,868   |
| Jul-51  | 4,249,764                                     | 8,337  | 4,013  | 332,916  | 4,249,764   | 149,167  |
| Aug-51  | 5,336,145                                     | 9,017  | 2,536  | 126,086  | 5,336,145   | 187,299  |
| Sep-51  | 3,884,142                                     | 9,203  | 1,054  | 59,405   | 3,884,142   | 136,333  |
| Oct-51  | 2,523,896                                     | 5,771  | 1,376  | 63,712   | 2,523,896   | 88,589   |
| Nov-51  | 1,174,845                                     | 2,560  | 483  | 45,260   | 1,174,845   | 41,237   |
| Dec-51  | 749,047                                       | 1,499  | 113  | 33,803   | 749,047   | 26,292   |
| Jan-52  | 856,093                                       | 1,219  | 92   | 55,275   | 856,093   | 30,049   |
| Feb-52  | 858,559                                       | 1,505  | 21   | 51,107   | 858,559   | 30,135   |
| Mar-52  | 1,024,268                                     | 1,610  | 71   | 60,550   | 1,024,268   | 35,952   |
| Apr-52  | 1,445,359                                     | 19,785   | 76   | 85,453   | 1,445,359   | 50,732   |
| May-52  | 1,931,530                                     | 18,828   | 300  | 177,676  | 1,931,530   | 67,797   |
| Jun-52  | 2,720,654                                     | 3,479  | 522  | 238,127  | 2,720,654   | 95,495   |
| Jul-52  | 4,343,396                                     | 8,521  | 4,101  | 340,251  | 4,343,396   | 152,453  |
| Aug-52  | 5,443,578                                     | 9,198  | 2,587  | 128,625  | 5,443,578   | 191,070  |
| Sep-52  | 3,962,274                                     | 9,389  | 1,075  | 60,600   | 3,962,274   | 139,076  |
| Oct-52  | 2,572,377                                     | 5,882  | 1,403  | 64,936   | 2,572,377   | 90,290   |
| Nov-52  | 1,200,634                                     | 2,617  | 494  | 46,253   | 1,200,634   | 42,142   |
| Dec-52  | 771,298                                       | 1,543  | 117  | 34,807   | 771,298   | 27,073   |
| Jan-53  | 879,911                                       | 1,253  | 95   | 56,813   | 879,911   | 30,885   |
| Feb-53  | 883,353                                       | 1,549  | 21   | 52,583   | 883,353   | 31,006   |
| Mar-53  | 1,052,351                                     | 1,654  | 73   | 62,210   | 1,052,351   | 36,938   |
| Apr-53  | 1,486,149                                     | 20,344   | 78   | 87,865   | 1,486,149   | 52,164   |
| May-53  | 1,999,661                                     | 19,492   | 311  | 183,944  | 1,999,661   | 70,188   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Jun-53  | 2,796,124  | 3,576   | 536   | 244,733   | 2,796,124  | 98,144  |
| Jul-53  | 4,438,218  | 8,707   | 4,190   | 347,679   | 4,438,218  | 155,781   |
| Aug-53  | 5,552,579  | 9,383   | 2,639   | 131,200   | 5,552,579  | 194,896   |
| Sep-53  | 4,041,554  | 9,576   | 1,096   | 61,812  | 4,041,554  | 141,859   |
| Oct-53  | 2,621,506  | 5,994   | 1,430   | 66,176  | 2,621,506  | 92,015  |
| Nov-53  | 1,226,666  | 2,673   | 505   | 47,256  | 1,226,666  | 43,056  |
| Dec-53  | 793,592  | 1,588   | 120   | 35,813  | 793,592  | 27,855  |
| Jan-54  | 903,777  | 1,287   | 98  | 58,354  | 903,777  | 31,723  |
| Feb-54  | 908,197  | 1,592   | 22  | 54,061  | 908,197  | 31,878  |
| Mar-54  | 1,080,498  | 1,698   | 75  | 63,874  | 1,080,498  | 37,925  |
| Apr-54  | 1,527,027  | 20,903  | 80  | 90,281  | 1,527,027  | 53,599  |
| May-54  | 2,068,093  | 20,159  | 321   | 190,238   | 2,068,093  | 72,590  |
| Jun-54  | 2,747,427  | 3,513   | 527   | 240,471   | 2,747,427  | 96,435  |
| Jul-54  | 4,449,025  | 8,728   | 4,201   | 348,526   | 4,449,025  | 156,161   |
| Aug-54  | 5,598,496  | 9,460   | 2,661   | 132,285   | 5,598,496  | 196,507   |
| Sep-54  | 4,075,714  | 9,657   | 1,106   | 62,335  | 4,075,714  | 143,058   |
| Oct-54  | 2,642,528  | 6,043   | 1,441   | 66,707  | 2,642,528  | 92,753  |
| Nov-54  | 1,221,959  | 2,663   | 503   | 47,075  | 1,221,959  | 42,891  |
| Dec-54  | 764,182  | 1,529   | 116   | 34,486  | 764,182  | 26,823  |
| Jan-55  | 877,681  | 1,250   | 95  | 56,669  | 877,681  | 30,807  |
| Feb-55  | 877,541  | 1,539   | 21  | 52,237  | 877,541  | 30,802  |
| Mar-55  | 1,050,864  | 1,651   | 73  | 62,122  | 1,050,864  | 36,885  |
| Apr-55  | 1,479,441  | 20,252  | 78  | 87,468  | 1,479,441  | 51,928  |
| May-55  | 1,983,776  | 19,337  | 308   | 182,482   | 1,983,776  | 69,631  |
| Jun-55  | 2,825,490  | 3,613   | 542   | 247,303   | 2,825,490  | 99,175  |
| Jul-55  | 4,548,509  | 8,923   | 4,295   | 356,319   | 4,548,509  | 159,653   |
| Aug-55  | 5,713,503  | 9,655   | 2,716   | 135,003   | 5,713,503  | 200,544   |
| Sep-55  | 4,159,395  | 9,856   | 1,128   | 63,615  | 4,159,395  | 145,995   |
| Oct-55  | 2,694,204  | 6,161   | 1,469   | 68,011  | 2,694,204  | 94,567  |
| Nov-55  | 1,249,052  | 2,722   | 514   | 48,118  | 1,249,052  | 43,842  |
| Dec-55  | 786,917  | 1,575   | 119   | 35,512  | 786,917  | 27,621  |
| Jan-56  | 901,981  | 1,285   | 97  | 58,238  | 901,981  | 31,660  |
| Feb-56  | 902,865  | 1,583   | 22  | 53,744  | 902,865  | 31,691  |
| Mar-56  | 1,079,548  | 1,696   | 75  | 63,818  | 1,079,548  | 37,892  |
| Apr-56  | 1,521,118  | 20,822  | 80  | 89,932  | 1,521,118  | 53,391  |
| May-56  | 2,053,803  | 20,020  | 319   | 188,924   | 2,053,803  | 72,088  |
| Jun-56  | 2,904,329  | 3,714   | 557   | 254,204   | 2,904,329  | 101,942   |
| Jul-56  | 4,649,319  | 9,121   | 4,390   | 364,216   | 4,649,319  | 163,191   |
| Aug-56  | 5,830,256  | 9,852   | 2,771   | 137,761   | 5,830,256  | 204,642   |
| Sep-56  | 4,244,356  | 10,057  | 1,151   | 64,914  | 4,244,356  | 148,977   |
| Oct-56  | 2,746,599  | 6,281   | 1,498   | 69,334  | 2,746,599  | 96,406  |
| Nov-56  | 1,276,414  | 2,782   | 525   | 49,172  | 1,276,414  | 44,802  |
| Dec-56  | 809,701  | 1,620   | 123   | 36,540  | 809,701  | 28,420  |
| Jan-57  | 926,331  | 1,319   | 100   | 59,810  | 926,331  | 32,514  |
| Feb-57  | 928,241  | 1,627   | 22  | 55,255  | 928,241  | 32,581  |
| Mar-57  | 1,108,300  | 1,742   | 77  | 65,518  | 1,108,300  | 38,901  |
| Apr-57  | 1,562,889  | 21,394  | 82  | 92,402  | 1,562,889  | 54,857  |
| May-57  | 2,124,166  | 20,706  | 330   | 195,397   | 2,124,166  | 74,558  |
| Jun-57  | 2,983,871  | 3,816   | 573   | 261,166   | 2,983,871  | 104,734   |
| Jul-57  | 4,751,473  | 9,321   | 4,486   | 372,219   | 4,751,473  | 166,777   |
| Aug-57  | 5,948,784  | 10,052  | 2,827   | 140,562   | 5,948,784  | 208,802   |
| Sep-57  | 4,330,616  | 10,261  | 1,175   | 66,233  | 4,330,616  | 152,005   |
| Oct-57  | 2,799,725  | 6,402   | 1,527   | 70,675  | 2,799,725  | 98,270  |
| Nov-57  | 1,304,047  | 2,842   | 537   | 50,237  | 1,304,047  | 45,772  |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |   |  |  |  |   |  |
|---|---|--|--|--|---|--|
| <b>Month</b>  | <b>Total Water Production</b><br>(1,000 Gal.) | <b>Estimated Company Water Use</b><br>(1,000 Gal.) | <b>Estimated Hydrant Water Use</b><br>(1,000 Gal.) | <b>Estimated System Water Losses</b><br>(1,000 Gal.) | <b>Monthly: Gallons of Water Produced</b><br>(1,000 Gal.) | <b>Peak Day: Gallons of Water Produced</b><br>(1,000 Gal.) |
| Dec-57  | 832,528                                       | 1,666  | 126  | 37,571   | 832,528   | 29,222   |
| Jan-58  | 950,728                                       | 1,354  | 103  | 61,386   | 950,728   | 33,371   |
| Feb-58  | 953,667                                       | 1,672  | 23   | 56,768   | 953,667   | 33,474   |
| Mar-58  | 1,137,117                                     | 1,787  | 78   | 67,221   | 1,137,117   | 39,913   |
| Apr-58  | 1,604,748                                     | 21,967   | 84   | 94,876   | 1,604,748   | 56,327   |
| May-58  | 2,194,862                                     | 21,395   | 341  | 201,900  | 2,194,862   | 77,040   |
| Jun-58  | 2,934,527                                     | 3,752  | 563  | 256,847  | 2,934,527   | 103,002  |
| Jul-58  | 4,766,582                                     | 9,351  | 4,500  | 373,402  | 4,766,582   | 167,307  |
| Aug-58  | 6,001,795                                     | 10,142   | 2,853  | 141,815  | 6,001,795   | 210,663  |
| Sep-58  | 4,369,851                                     | 10,354   | 1,185  | 66,833   | 4,369,851   | 153,382  |
| Oct-58  | 2,823,465                                     | 6,456  | 1,540  | 71,274   | 2,823,465   | 99,104   |
| Nov-58  | 1,299,611                                     | 2,832  | 535  | 50,066   | 1,299,611   | 45,616   |
| Dec-58  | 801,529                                       | 1,604  | 121  | 36,172   | 801,529   | 28,134   |
| Jan-59  | 923,195                                       | 1,315  | 100  | 59,608   | 923,195   | 32,404   |
| Feb-59  | 921,311                                       | 1,615  | 22   | 54,842   | 921,311   | 32,338   |
| Mar-59  | 1,105,825                                     | 1,738  | 76   | 65,371   | 1,105,825   | 38,814   |
| Apr-59  | 1,554,466                                     | 21,279   | 82   | 91,904   | 1,554,466   | 54,562   |
| May-59  | 2,106,464                                     | 20,533   | 327  | 193,768  | 2,106,464   | 73,937   |
| Jun-59  | 3,015,836                                     | 3,856  | 579  | 263,963  | 3,015,836   | 105,856  |
| Jul-59  | 4,871,744                                     | 9,557  | 4,600  | 381,640  | 4,871,744   | 170,998  |
| Aug-59  | 6,124,155                                     | 10,349   | 2,911  | 144,706  | 6,124,155   | 214,958  |
| Sep-59  | 4,458,916                                     | 10,565   | 1,210  | 68,196   | 4,458,916   | 156,508  |
| Oct-59  | 2,878,176                                     | 6,581  | 1,570  | 72,655   | 2,878,176   | 101,024  |
| Nov-59  | 1,327,879                                     | 2,894  | 546  | 51,155   | 1,327,879   | 46,609   |
| Dec-59  | 824,568                                       | 1,650  | 125  | 37,211   | 824,568   | 28,942   |
| Jan-60  | 947,829                                       | 1,350  | 102  | 61,198   | 947,829   | 33,269   |
| Feb-60  | 946,976                                       | 1,660  | 23   | 56,370   | 946,976   | 33,239   |
| Mar-60  | 1,134,935                                     | 1,784  | 78   | 67,092   | 1,134,935   | 39,836   |
| Apr-60  | 1,596,733                                     | 21,857   | 84   | 94,403   | 1,596,733   | 56,045   |
| May-60  | 2,178,234                                     | 21,233   | 339  | 200,370  | 2,178,234   | 76,456   |
| Jun-60  | 3,097,857                                     | 3,961  | 594  | 271,142  | 3,097,857   | 108,735  |
| Jul-60  | 4,978,306                                     | 9,766  | 4,700  | 389,988  | 4,978,306   | 174,739  |
| Aug-60  | 6,248,373                                     | 10,558   | 2,970  | 147,641  | 6,248,373   | 219,318  |
| Sep-60  | 4,549,342                                     | 10,780   | 1,234  | 69,579   | 4,549,342   | 159,682  |
| Oct-60  | 2,933,648                                     | 6,708  | 1,600  | 74,055   | 2,933,648   | 102,971  |
| Nov-60  | 1,356,423                                     | 2,956  | 558  | 52,255   | 1,356,423   | 47,610   |
| Dec-60  | 847,638                                       | 1,696  | 128  | 38,252   | 847,638   | 29,752   |
| Jan-61  | 972,496                                       | 1,385  | 105  | 62,791   | 972,496   | 34,135   |
| Feb-61  | 972,674                                       | 1,705  | 24   | 57,899   | 972,674   | 34,141   |
| Mar-61  | 1,164,094                                     | 1,829  | 80   | 68,816   | 1,164,094   | 40,860   |
| Apr-61  | 1,639,064                                     | 22,437   | 86   | 96,905   | 1,639,064   | 57,531   |
| May-61  | 2,250,318                                     | 21,936   | 350  | 207,001  | 2,250,318   | 78,986   |
| Jun-61  | 3,180,594                                     | 4,067  | 610  | 278,384  | 3,180,594   | 111,639  |
| Jul-61  | 5,086,286                                     | 9,978  | 4,802  | 398,447  | 5,086,286   | 178,529  |
| Aug-61  | 6,374,478                                     | 10,772   | 3,030  | 150,621  | 6,374,478   | 223,744  |
| Sep-61  | 4,641,150                                     | 10,997   | 1,259  | 70,983   | 4,641,150   | 162,904  |
| Oct-61  | 2,989,895                                     | 6,837  | 1,630  | 75,475   | 2,989,895   | 104,945  |
| Nov-61  | 1,385,245                                     | 3,019  | 570  | 53,365   | 1,385,245   | 48,622   |
| Dec-61  | 870,732                                       | 1,742  | 132  | 39,295   | 870,732   | 30,563   |
| Jan-62  | 997,193                                       | 1,420  | 108  | 64,386   | 997,193   | 35,001   |
| Feb-62  | 998,402                                       | 1,750  | 24   | 59,431   | 998,402   | 35,044   |
| Mar-62  | 1,193,297                                     | 1,875  | 82   | 70,542   | 1,193,297   | 41,885   |
| Apr-62  | 1,681,452                                     | 23,017   | 88   | 99,411   | 1,681,452   | 59,019   |
| May-62  | 2,322,710                                     | 22,641   | 361  | 213,660  | 2,322,710   | 81,527   |

Forecast  
Data

**Appendix A - Table A2**  
**Suez: Monthly Water Demand Forecast 2012 to 2065**

| <b>Estimated Water Production and Other (Non-billed) Water Uses</b> |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>Month</b>  | <b>Total Water Production</b><br><small>(1,000 Gal.)</small> | <b>Estimated Company Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated Hydrant Water Use</b><br><small>(1,000 Gal.)</small> | <b>Estimated System Water Losses</b><br><small>(1,000 Gal.)</small> | <b>Monthly: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> | <b>Peak Day: Gallons of Water Produced</b><br><small>(1,000 Gal.)</small> |
| Jun-62  | 3,129,419  | 4,002   | 600   | 273,905   | 3,129,419  | 109,843   |
| Jul-62  | 5,103,961  | 10,013  | 4,819   | 399,832   | 5,103,961  | 179,149   |
| Aug-62  | 6,432,643  | 10,870  | 3,057   | 151,995   | 6,432,643  | 225,786   |
| Sep-62  | 4,684,194  | 11,099  | 1,271   | 71,641  | 4,684,194  | 164,415   |
| Oct-62  | 3,015,664  | 6,896   | 1,644   | 76,126  | 3,015,664  | 105,850   |
| Nov-62  | 1,380,744  | 3,009   | 568   | 53,192  | 1,380,744  | 48,464  |
| Dec-62  | 837,849  | 1,677   | 127   | 37,811  | 837,849  | 29,408  |
| Jan-63  | 967,979  | 1,379   | 104   | 62,499  | 967,979  | 33,976  |
| Feb-63  | 964,073  | 1,690   | 23  | 57,387  | 964,073  | 33,839  |
| Mar-63  | 1,160,099  | 1,823   | 80  | 68,580  | 1,160,099  | 40,719  |
| Apr-63  | 1,628,101  | 22,287  | 85  | 96,257  | 1,628,101  | 57,146  |
| May-63  | 2,229,762  | 21,735  | 347   | 205,110   | 2,229,762  | 78,265  |
| Jun-63  | 3,213,951  | 4,110   | 617   | 281,303   | 3,213,951  | 112,810   |
| Jul-63  | 5,215,103  | 10,231  | 4,924   | 408,538   | 5,215,103  | 183,050   |
| Aug-63  | 6,562,814  | 11,090  | 3,119   | 155,071   | 6,562,814  | 230,355   |
| Sep-63  | 4,778,979  | 11,324  | 1,296   | 73,091  | 4,778,979  | 167,742   |
| Oct-63  | 3,073,583  | 7,028   | 1,676   | 77,588  | 3,073,583  | 107,883   |
| Nov-63  | 1,410,216  | 3,073   | 580   | 54,327  | 1,410,216  | 49,499  |
| Dec-63  | 861,115  | 1,723   | 130   | 38,861  | 861,115  | 30,225  |
| Jan-64  | 992,876  | 1,414   | 107   | 64,107  | 992,876  | 34,850  |
| Feb-64  | 989,997  | 1,736   | 24  | 58,931  | 989,997  | 34,749  |
| Mar-64  | 1,189,554  | 1,869   | 82  | 70,321  | 1,189,554  | 41,753  |
| Apr-64  | 1,670,831  | 22,872  | 88  | 98,783  | 1,670,831  | 58,646  |
| May-64  | 2,303,177  | 22,451  | 358   | 211,863   | 2,303,177  | 80,842  |
| Jun-64  | 3,299,205  | 4,219   | 633   | 288,765   | 3,299,205  | 115,802   |
| Jul-64  | 5,327,720  | 10,452  | 5,030   | 417,360   | 5,327,720  | 187,003   |
| Aug-64  | 6,694,960  | 11,313  | 3,182   | 158,193   | 6,694,960  | 234,993   |
| Sep-64  | 4,875,211  | 11,552  | 1,322   | 74,563  | 4,875,211  | 171,120   |
| Oct-64  | 3,132,308  | 7,163   | 1,708   | 79,070  | 3,132,308  | 109,944   |
| Nov-64  | 1,439,970  | 3,138   | 593   | 55,473  | 1,439,970  | 50,543  |
| Dec-64  | 884,391  | 1,770   | 134   | 39,911  | 884,391  | 31,042  |
| Jan-65  | 1,017,786  | 1,449   | 110   | 65,715  | 1,017,786  | 35,724  |
| Feb-65  | 1,015,933  | 1,781   | 25  | 60,475  | 1,015,933  | 35,659  |
| Mar-65  | 1,219,036  | 1,916   | 84  | 72,064  | 1,219,036  | 42,788  |
| Apr-65  | 1,713,589  | 23,457  | 90  | 101,311   | 1,713,589  | 60,147  |
| May-65  | 2,376,876  | 23,169  | 369   | 218,643   | 2,376,876  | 83,428  |
| Jun-65  | 3,385,187  | 4,329   | 650   | 296,291   | 3,385,187  | 118,820   |
| Jul-65  | 5,441,832  | 10,676  | 5,138   | 426,300   | 5,441,832  | 191,008   |
| Aug-65  | 6,829,107  | 11,540  | 3,246   | 161,363   | 6,829,107  | 239,702   |
| Sep-65  | 4,972,903  | 11,783  | 1,349   | 76,057  | 4,972,903  | 174,549   |
| Oct-65  | 3,191,841  | 7,299   | 1,741   | 80,573  | 3,191,841  | 112,034   |
| Nov-65  | 1,470,000  | 3,204   | 605   | 56,630  | 1,470,000  | 51,597  |
| Dec-65  | 907,659  | 1,816   | 138   | 40,961  | 907,659  | 31,859  |

Forecast  
Data

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**Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**

**Master Water Plan 2015-2065**

**Table A3**  
**Water Demand Forecasts**  
**for the Years 2012 to 2065**

**Annual Values of Exogenous Variables**

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**Appendix A - Table A3**  
**Suez: Annual Values of Exogenous Variables from the Water Demand Forecast 2012 to 2065**

**Annual Values of Forecast Exogenous Variables**

| <u>Year</u> | <u>Linear Interpolation Ada County of Non-Ag Employ. NAG1</u> | <u>Ada County Number of Households NHT</u> | <u>Linear Interpolation of Ada County Population NPT1</u> | <u>Annual Average Ada County Non-Ag Employ. NAGA</u> | <u>Annual Average Ada County Households NHTA</u> | <u>Annual Average Ada County Population NPTA</u> | <u>Ada County Nominal Per Capita Personal Income YPPC\$</u> | <u>Ada County (2003 \$) Per Capita Personal Income YPPC</u> |
|-------------|---|--|---|--|--|--|---|---|
| 1984        | 107,229   | 67,887                                     | 186,443   | 107,251  | 68,210   | 186,280  | 13,867  | 24,565  |
| 1985        | 110,452   | 69,829                                     | 189,620   | 110,623  | 70,010   | 189,810  | 14,766  | 25,261  |
| 1986        | 112,256   | 70,793                                     | 191,185   | 111,861  | 70,790   | 191,040  | 15,246  | 25,594  |
| 1987        | 116,231   | 71,909                                     | 193,108   | 115,456  | 71,910   | 192,930  | 15,921  | 25,786  |
| 1988        | 123,576   | 73,491                                     | 196,036   | 123,332  | 73,470   | 195,510  | 17,240  | 26,829  |
| 1989        | 131,081   | 75,678                                     | 201,373   | 130,643  | 75,860   | 200,950  | 18,557  | 27,548  |
| 1990        | 138,741   | 77,612                                     | 207,960   | 138,874  | 77,460   | 207,722  | 19,663  | 27,699  |
| 1991        | 145,908   | 81,154                                     | 216,772   | 145,826  | 81,160   | 216,798  | 20,223  | 27,324  |
| 1992        | 153,724   | 85,014                                     | 226,020   | 153,010  | 85,100   | 225,266  | 22,061  | 28,923  |
| 1993        | 163,844   | 89,115                                     | 236,876   | 163,028  | 89,360   | 236,477  | 23,604  | 30,085  |
| 1994        | 175,442   | 92,871                                     | 247,512   | 175,769  | 92,970   | 247,225  | 25,534  | 31,699  |
| 1995        | 182,923   | 96,819                                     | 257,232   | 182,622  | 97,070   | 256,860  | 26,628  | 32,154  |
| 1996        | 190,061   | 100,265                                    | 266,481   | 189,585  | 100,400  | 266,290  | 27,104  | 31,798  |
| 1997        | 198,710   | 103,647                                    | 275,038   | 197,827  | 103,770  | 274,325  | 27,446  | 31,462  |
| 1998        | 209,626   | 107,182                                    | 285,203   | 209,768  | 107,310  | 284,946  | 28,742  | 32,444  |
| 1999        | 218,429   | 110,859                                    | 294,588   | 217,328  | 111,040  | 294,292  | 30,589  | 33,791  |
| 2000        | 227,549   | 114,480                                    | 303,905   | 227,980  | 114,525  | 304,566  | 34,000  | 35,802  |
| 2001        | 229,114   | 118,706                                    | 313,537   | 228,712  | 118,989  | 314,474  | 34,280  | 35,387  |
| 2002        | 232,991   | 122,311                                    | 320,593   | 233,600  | 122,525  | 321,787  | 34,850  | 35,244  |
| 2003        | 235,225   | 125,402                                    | 326,062   | 234,600  | 125,425  | 327,267  | 35,340  | 34,811  |
| 2004        | 242,306   | 129,324                                    | 332,790   | 242,000  | 129,267  | 335,165  | 38,220  | 36,302  |
| 2005        | 255,110   | 134,919                                    | 343,422   | 255,300  | 135,197  | 348,525  | 39,060  | 36,781  |
| 2006        | 270,160   | 140,329                                    | 355,965   | 272,100  | 140,833  | 362,261  | 42,640  | 37,672  |
| 2007        | 275,942   | 143,471                                    | 376,188   | 277,000  | 143,884  | 373,164  | 42,830  | 37,384  |
| 2008        | 272,306   | 144,096                                    | 381,880   | 273,700  | 144,194  | 379,761  | 42,240  | 36,963  |
| 2009        | 258,106   | 143,942                                    | 386,976   | 255,700  | 143,686  | 385,308  | 39,950  | 38,162  |
| 2010        | 254,229   | 145,411                                    | 392,451   | 253,600  | 145,433  | 390,768  | 40,280  | 38,323  |
| 2011        | 257,123   | 147,665                                    | 399,153   | 256,700  | 147,669  | 397,955  | 41,390  | 39,267  |
| 2012        | 264,646   | 150,664                                    | 406,709   | 265,100  | 150,762  | 405,655  | 42,600  | 40,187  |
| 2013        | 272,223   | 154,022                                    | 414,501   | 272,500  | 154,149  | 413,827  | 44,030  | 40,875  |
| 2014        | 279,785   | 157,526                                    | 422,357   | 280,200  | 157,671  | 422,341  | 45,860  | 41,581  |
| 2015        | 286,675   | 161,065                                    | 430,358   | 287,000  | 161,214  | 431,010  | 47,710  | 42,248  |
| 2016        | 293,113   | 164,591                                    | 438,470   | 293,400  | 164,746  | 439,820  | 49,610  | 42,920  |
| 2017        | 299,279   | 168,054                                    | 446,532   | 299,600  | 168,204  | 448,528  | 51,530  | 43,632  |
| 2018        | 304,956   | 171,456                                    | 454,555   | 305,200  | 171,605  | 457,207  | 53,480  | 44,392  |
| 2019        | 310,419   | 174,804                                    | 462,526   | 310,700  | 174,933  | 465,813  | 55,590  | 45,199  |
| 2020        | 315,471   | 178,221                                    | 470,481   | 315,700  | 178,352  | 474,430  | 57,810  | 46,058  |
| 2021        | 320,342   | 181,734                                    | 486,954   | 320,500  | 181,879  | 483,028  | 59,990  | 46,887  |
| 2022        | 325,473   | 185,273                                    | 494,847   | 325,700  | 185,423  | 491,594  | 62,280  | 47,743  |
| 2023        | 330,588   | 188,797                                    | 502,714   | 330,800  | 188,942  | 500,110  | 64,610  | 48,673  |
| 2024        | 335,698   | 192,335                                    | 511,122   | 335,900  | 192,481  | 508,633  | 67,080  | 49,561  |

**Appendix A - Table A3**

**Suez: Annual Values of Exogenous Variables from the Water Demand Forecast 2012 to 2065**

**Annual Values of Forecast Exogenous Variables**

| <u>Year</u> | <u>Linear Interpolation Ada County of Non-Ag Employ. NAG1</u> | <u>Ada County Number of Households NHT</u> | <u>Linear Interpolation of Ada County Population NPT1</u> | <u>Annual Average Ada County Non-Ag Employ. NAGA</u> | <u>Annual Average Ada County Households NHTA</u> | <u>Annual Average Ada County Population NPTA</u> | <u>Ada County Nominal Per Capita Personal Income YPPC\$</u> | <u>Ada County (2003 \$) Per Capita Personal Income YPPC</u> |
|-------------|---|--|---|--|--|--|---|---|
| 2025        | 340,873   | 195,895                                    | 519,135   | 341,100  | 196,035  | 517,167  | 69,650  | 50,461  |
| 2026        | 346,040   | 199,529                                    | 527,149   | 346,200  | 199,665  | 525,751  | 72,330  | 51,420  |
| 2027        | 351,556   | 203,285                                    | 535,507   | 351,800  | 203,442  | 534,780  | 75,090  | 52,370  |
| 2028        | 357,102   | 207,068                                    | 544,090   | 357,300  | 207,220  | 544,068  | 77,900  | 53,384  |
| 2029        | 362,910   | 210,893                                    | 552,854   | 363,100  | 211,048  | 553,566  | 80,830  | 54,390  |
| 2030        | 368,960   | 214,761                                    | 561,779   | 369,400  | 214,915  | 563,256  | 83,960  | 55,421  |
| 2031        | 373,913   | 218,684                                    | 570,785   | 374,000  | 218,846  | 573,022  | 87,070  | 56,455  |
| 2032        | 379,377   | 222,633                                    | 579,837   | 379,600  | 222,792  | 582,835  | 90,360  | 57,484  |
| 2033        | 385,083   | 226,625                                    | 588,932   | 385,300  | 226,789  | 592,700  | 93,900  | 58,518  |
| 2034        | 390,985   | 230,644                                    | 598,076   | 391,200  | 230,809  | 602,625  | 97,530  | 59,552  |
| 2035        | 397,121   | 234,692                                    | 607,264   | 397,400  | 234,856  | 612,605  | 101,440   | 60,586  |
| 2036        | 403,088   | 238,787                                    | 616,507   | 403,400  | 238,950  | 622,705  | 105,460   | 61,620  |
| 2037        | 408,627   | 242,947                                    | 625,807   | 408,800  | 243,117  | 632,900  | 109,480   | 62,654  |
| 2038        | 414,538   | 247,143                                    | 635,164   | 414,700  | 247,316  | 643,170  | 113,860   | 63,688  |
| 2039        | 421,173   | 251,353                                    | 644,577   | 421,400  | 251,537  | 653,514  | 118,560   | 64,722  |
| 2040        | 428,309   | 255,525                                    | 654,046   | 428,600  | 255,676  | 663,956  | 123,630   | 65,756  |
| 2041        | 435,596   | 259,849                                    | 663,571   | 435,886  | 260,022  | 674,579  | 128,946   | 66,790  |
| 2042        | 443,001   | 264,267                                    | 673,152   | 443,296  | 264,443  | 685,373  | 134,491   | 67,824  |
| 2043        | 450,532   | 268,759                                    | 682,789   | 450,832  | 268,938  | 696,339  | 140,274   | 68,858  |
| 2044        | 458,191   | 273,328                                    | 692,483   | 458,496  | 273,510  | 707,828  | 146,306   | 69,892  |
| 2045        | 465,980   | 277,975                                    | 702,234   | 466,291  | 278,160  | 719,507  | 152,597   | 70,926  |
| 2046        | 473,902   | 282,700                                    | 712,043   | 474,218  | 282,889  | 731,379  | 159,158   | 71,960  |
| 2047        | 481,958   | 287,506                                    | 721,910   | 482,280  | 287,698  | 743,447  | 166,002   | 73,004  |
| 2048        | 490,100   | 292,394                                    | 731,835   | 490,478  | 292,589  | 755,714  | 173,140   | 74,048  |
| 2049        | 498,012   | 297,364                                    | 741,818   | 498,326  | 297,563  | 768,183  | 180,585   | 75,092  |
| 2050        | 505,980   | 302,419                                    | 751,859   | 506,299  | 302,621  | 780,858  | 188,351   | 76,136  |
| 2051        | 514,076   | 307,561                                    | 761,958   | 514,400  | 307,766  | 793,742  | 196,450   | 77,180  |
| 2052        | 522,301   | 312,789                                    | 772,115   | 522,630  | 312,998  | 806,839  | 204,897   | 78,224  |
| 2053        | 530,658   | 318,107                                    | 782,330   | 530,992  | 318,319  | 820,152  | 213,708   | 79,268  |
| 2054        | 539,148   | 323,531                                    | 792,603   | 539,488  | 323,730  | 833,684  | 222,897   | 80,312  |
| 2055        | 547,775   | 329,170                                    | 802,934   | 548,120  | 329,396  | 847,440  | 232,482   | 81,356  |
| 2056        | 556,539   | 334,930                                    | 813,323   | 556,890  | 335,160  | 861,423  | 242,478   | 82,400  |
| 2057        | 565,444   | 340,792                                    | 823,770   | 565,800  | 341,025  | 875,636  | 252,905   | 83,444  |
| 2058        | 574,491   | 346,755                                    | 834,275   | 574,853  | 346,993  | 890,084  | 263,780   | 84,488  |
| 2059        | 583,683   | 352,824                                    | 844,838   | 584,051  | 353,066  | 904,771  | 275,122   | 85,532  |
| 2060        | 593,022   | 358,998                                    | 855,459   | 593,396  | 359,244  | 919,699  | 286,953   | 86,576  |
| 2061        | 602,510   | 365,281                                    | 866,138   | 602,890  | 365,531  | 934,875  | 299,291   | 87,620  |
| 2062        | 612,150   | 371,673                                    | 876,875   | 612,536  | 371,928  | 950,300  | 312,161   | 88,664  |
| 2063        | 621,945   | 378,177                                    | 887,670   | 622,337  | 378,437  | 965,980  | 325,584   | 89,708  |
| 2064        | 631,896   | 384,795                                    | 898,523   | 632,294  | 385,059  | 981,919  | 339,584   | 90,752  |
| 2065        | 641,989   | 391,529                                    | 909,434   | 642,411  | 391,798  | 998,120  | 354,186   | 91,796  |

**Appendix A - Table A3**  
**Suez: Annual Values of Exogenous Variables from the Water Demand Forecast 2012 to 2065**

**Annual Values of Forecast Exogenous Variables**

| <u>Year</u> | <u>US Consumer Price Index CPIU</u> | <u>US Consumer Price Index 2003 Base CPIU03\$</u> | <u>Boise Monthly Precip. (Inches) Precip</u> | <u>Boise Weighted Monthly Precip. (Inches) Wprecip</u> | <u>Boise Weighted Annual Cooling Deg. Days WCDD</u> | <u>Boise Weighted Annual Degree Days WGDD</u> | <u>Boise Weighted Annual Average Temp. WAVGT</u> | <u>UWI Bi-Monthly Meter Charge (\$) MTR\$</u> | <u>UWI Marginal Cost of Water (\$/100 CCF) Price\$</u> |
|-------------|-------------------------------------|---|--|--|---|---|--|---|--|
| 1984        | 103.9                               | 56.5  | 13.2   | 31.6   | 1,572   | 5,203   | 48.1   | 15.68   | 0.5096   |
| 1985        | 107.6                               | 58.5  | 11.1   | 21.6   | 1,452   | 5,459   | 46.9   | 15.68   | 0.5096   |
| 1986        | 109.6                               | 59.6  | 14.3   | 30.7   | 1,816   | 5,779   | 50.8   | 16.69   | 0.5424   |
| 1987        | 113.6                               | 61.8  | 8.5  | 15.6   | 1,600   | 6,421   | 52.7   | 17.09   | 0.5554   |
| 1988        | 118.3                               | 64.3  | 11.3   | 21.8   | 1,792   | 6,439   | 52.5   | 16.71   | 0.5430   |
| 1989        | 124.0                               | 67.4  | 10.4   | 23.3   | 1,566   | 5,904   | 50.1   | 16.71   | 0.5430   |
| 1990        | 130.7                               | 71.0  | 12.1   | 22.8   | 1,978   | 6,413   | 52.6   | 16.71   | 0.5668   |
| 1991        | 136.2                               | 74.0  | 9.5  | 19.3   | 1,664   | 5,839   | 50.6   | 16.71   | 0.6380   |
| 1992        | 140.4                               | 76.3  | 7.7  | 14.7   | 1,830   | 6,568   | 53.7   | 16.71   | 0.6380   |
| 1993        | 144.4                               | 78.5  | 12.8   | 25.9   | 912   | 4,869   | 48.7   | 16.71   | 0.7251   |
| 1994        | 148.2                               | 80.6  | 9.4  | 16.9   | 2,074   | 6,664   | 52.8   | 14.26   | 0.8603   |
| 1995        | 152.4                               | 82.8  | 14.1   | 27.3   | 1,412   | 5,352   | 52.1   | 12.00   | 0.8932   |
| 1996        | 156.9                               | 85.2  | 14.2   | 26.7   | 1,792   | 5,955   | 52.4   | 12.10   | 0.8999   |
| 1997        | 160.5                               | 87.2  | 11.1   | 26.9   | 1,836   | 6,432   | 53.4   | 12.43   | 0.9255   |
| 1998        | 163.0                               | 88.6  | 16.7   | 31.8   | 2,158   | 6,457   | 54.0   | 13.04   | 0.9707   |
| 1999        | 166.6                               | 90.5  | 8.6  | 18.3   | 1,742   | 6,010   | 52.7   | 13.51   | 1.0061   |
| 2000        | 172.2                               | 93.6  | 12.0   | 24.4   | 5,710   | 12,162  | 53.3   | 13.95   | 1.0373   |
| 2001        | 177.1                               | 96.3  | 8.5  | 16.1   | 6,156   | 12,667  | 52.8   | 14.57   | 1.0848   |
| 2002        | 179.9                               | 97.8  | 7.0  | 12.9   | 5,415   | 11,473  | 52.2   | 14.57   | 1.0848   |
| 2003        | 184.0                               | 100.0   | 10.1   | 20.8   | 6,504   | 12,852  | 55.1   | 14.57   | 1.0848   |
| 2004        | 188.9                               | 102.7   | 11.5   | 23.7   | 5,404   | 12,303  | 53.3   | 14.57   | 1.0848   |
| 2005        | 195.3                               | 106.2   | 13.1   | 22.8   | 5,326   | 11,899  | 52.6   | 15.28   | 1.2371   |
| 2006        | 201.6                               | 109.6   | 12.1   | 26.6   | 6,072   | 12,281  | 51.9   | 16.71   | 1.3374   |
| 2007        | 207.3                               | 112.7   | 9.6  | 19.8   | 8,434   | 13,229  | 51.9   | 16.71   | 1.3374   |
| 2008        | 214.9                               | 116.8   | 11.7   | 22.6   | 5,842   | 11,778  | 51.9   | 17.27   | 1.3828   |
| 2009        | 214.5                               | 116.6   | 11.3   | 22.9   | 7,451   | 7,168   | 51.9   | 17.55   | 1.4043   |
| 2010        | 217.8                               | 118.4   | 15.0   | 27.4   | 5,591   | 5,333   | 51.9   | 17.55   | 1.4043   |
| 2011        | 221.6                               | 120.5   | 10.5   | 25.9   | 6,624   | 5,333   | 51.9   | 17.55   | 1.4710   |
| 2012        | 224.9                               | 122.3   | 13.7   | 25.2   | 4,925   | 5,333   | 51.9   | 20.10   | 1.5887   |
| 2013        | 229.3                               | 124.6   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 20.10   | 1.5887   |
| 2014        | 232.8                               | 126.6   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 20.64   | 1.6322   |
| 2015        | 236.7                               | 128.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 20.91   | 1.6527   |
| 2016        | 240.6                               | 130.8   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 20.91   | 1.6527   |
| 2017        | 244.6                               | 133.0   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 20.91   | 1.6527   |
| 2018        | 249.2                               | 135.5   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 21.89   | 1.7318   |
| 2019        | 254.0                               | 138.1   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 22.38   | 1.7691   |
| 2020        | 258.9                               | 140.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 22.38   | 1.7691   |
| 2021        | 264.0                               | 143.5   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 22.38   | 1.7691   |
| 2022        | 269.2                               | 146.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 23.58   | 1.8654   |
| 2023        | 274.6                               | 149.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 24.18   | 1.9109   |
| 2024        | 280.2                               | 152.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 24.18   | 1.9109   |

**Appendix A - Table A3**  
**Suez: Annual Values of Exogenous Variables from the Water Demand Forecast 2012 to 2065**

**Annual Values of Forecast Exogenous Variables**

| <u>Year</u> | <u>US Consumer Price Index CPIU</u> | <u>US Consumer Price Index 2003 Base CPIU03\$</u> | <u>Boise Monthly Precip. (Inches) Precip</u> | <u>Boise Weighted Monthly Precip. (Inches) Wprecip</u> | <u>Boise Weighted Annual Cooling Degree Days WCDD</u> | <u>Boise Weighted Annual Degree Days WGDD</u> | <u>Boise Weighted Annual Average Temp. WAVGT</u> | <u>UWI Bi-Monthly Meter Charge (\$) MTR\$</u> | <u>UWI Marginal Cost of Water (\$/100 CCF) Price\$</u> |
|-------------|-------------------------------------|---|--|--|---|---|--|---|--|
| 2025        | 285.7                               | 155.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 24.18   | 1.9109   |
| 2026        | 291.3                               | 158.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 25.50   | 2.0174   |
| 2027        | 297.0                               | 161.4   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 26.16   | 2.0677   |
| 2028        | 302.8                               | 164.6   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 26.16   | 2.0677   |
| 2029        | 308.7                               | 167.8   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 26.16   | 2.0677   |
| 2030        | 314.7                               | 171.1   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 27.56   | 2.1804   |
| 2031        | 320.9                               | 174.4   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 28.26   | 2.2337   |
| 2032        | 327.3                               | 177.9   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 28.26   | 2.2337   |
| 2033        | 333.8                               | 181.5   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 28.26   | 2.2337   |
| 2034        | 340.6                               | 185.1   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 29.81   | 2.3584   |
| 2035        | 347.6                               | 189.0   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 30.58   | 2.4173   |
| 2036        | 354.7                               | 192.8   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 30.58   | 2.4173   |
| 2037        | 361.9                               | 196.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 30.58   | 2.4173   |
| 2038        | 369.2                               | 200.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 32.30   | 2.5555   |
| 2039        | 376.7                               | 204.8   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 33.16   | 2.6208   |
| 2040        | 384.3                               | 208.9   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 33.16   | 2.6208   |
| 2041        | 392.5                               | 213.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 34.93   | 2.6208   |
| 2042        | 400.7                               | 217.8   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 37.85   | 2.7724   |
| 2043        | 409.1                               | 222.4   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 38.86   | 2.8441   |
| 2044        | 417.7                               | 227.0   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 38.86   | 2.8441   |
| 2045        | 426.4                               | 231.8   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 38.86   | 2.8441   |
| 2046        | 435.4                               | 236.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 41.11   | 3.0114   |
| 2047        | 444.5                               | 241.6   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 42.23   | 3.0904   |
| 2048        | 453.9                               | 246.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 42.23   | 3.0904   |
| 2049        | 463.4                               | 251.9   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 42.23   | 3.0904   |
| 2050        | 473.1                               | 257.2   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 44.67   | 3.1954   |
| 2051        | 483.1                               | 262.6   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 45.89   | 3.2449   |
| 2052        | 493.2                               | 268.1   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 45.89   | 3.2449   |
| 2053        | 503.6                               | 273.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 45.89   | 3.2449   |
| 2054        | 514.1                               | 279.5   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 48.54   | 3.3551   |
| 2055        | 524.9                               | 285.4   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 49.87   | 3.4072   |
| 2056        | 536.0                               | 291.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 49.87   | 3.4072   |
| 2057        | 547.2                               | 297.5   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 49.87   | 3.4072   |
| 2058        | 558.7                               | 303.7   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 52.75   | 3.5229   |
| 2059        | 570.4                               | 310.1   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 54.19   | 3.5775   |
| 2060        | 582.4                               | 316.6   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 54.19   | 3.5775   |
| 2061        | 594.6                               | 323.2   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 54.19   | 3.5775   |
| 2062        | 607.1                               | 330.0   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 57.32   | 3.6990   |
| 2063        | 619.9                               | 337.0   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 58.89   | 3.7564   |
| 2064        | 632.9                               | 344.0   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 58.89   | 3.7564   |
| 2065        | 646.2                               | 351.3   | 11.8   | 23.5   | 4,925   | 5,333   | 51.9   | 58.07   | 3.7687   |

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**Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**

**Master Water Plan 2015-2065**

**Table A4**  
**Water Demand Forecasts**  
**for the Years 2012 to 2065**

**Monthly Values of Exogenous**  
**and Binary Variables**

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**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month  | Monthly Values of Exogenous Variables                         |  |   |  |   |   |  | Ada County<br>Nominal<br>Per Capita<br>Income<br>YPPC\$ | Ada County<br>(2003 \$)<br>Per Capita<br>Personal<br>Income<br>YPPC |
|--------|---|--|---|--|---|---|--|---|---|
|        | Linear<br>Interpolation<br>Ada County<br>of Non-Ag<br>Employ. | Ada<br>County<br>Number of<br>Households | Linear<br>Interpolation<br>of Ada<br>County<br>Population | Annual<br>Average<br>Ada County<br>Non-Ag<br>Employ. | Annual<br>Average<br>Ada County<br>Households | Annual<br>Average<br>Ada County<br>Population | Ada County<br>Per Capita<br>Personal<br>Income |   |   |
|        | NAG1  | NHT                                      | NPT1  | NAGA   | NHTA  | NPTA  | YPPC\$   |   |   |
|        |   |  |   |  |   |   |  |   |   |
| Jan-95 | 179,766   | 95,020                                   | 252,846   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,598  |   |
| Feb-95 | 180,337   | 95,362                                   | 253,649   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,469  |   |
| Mar-95 | 180,908   | 95,703                                   | 254,452   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,362  |   |
| Apr-95 | 181,479   | 96,045                                   | 255,255   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,255  |   |
| May-95 | 182,050   | 96,387                                   | 256,058   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,192  |   |
| Jun-95 | 182,622   | 96,728                                   | 256,860   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,128  |   |
| Jul-95 | 183,202   | 97,070                                   | 257,646   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,128  |   |
| Aug-95 | 183,782   | 97,348                                   | 258,432   | 182,622  | 97,070  | 256,860                                       | 26,628   | 32,044  |   |
| Sep-95 | 184,362   | 97,625                                   | 259,218   | 182,622  | 97,070  | 256,860                                       | 26,628   | 31,981  |   |
| Oct-95 | 184,942   | 97,903                                   | 260,004   | 182,622  | 97,070  | 256,860                                       | 26,628   | 31,877  |   |
| Nov-95 | 185,522   | 98,180                                   | 260,790   | 182,622  | 97,070  | 256,860                                       | 26,628   | 31,898  |   |
| Dec-95 | 186,102   | 98,458                                   | 261,576   | 182,622  | 97,070  | 256,860                                       | 26,628   | 31,919  |   |
| Jan-96 | 186,682   | 98,735                                   | 262,362   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 32,300  |   |
| Feb-96 | 187,262   | 99,013                                   | 263,148   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 32,196  |   |
| Mar-96 | 187,842   | 99,290                                   | 263,934   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 32,030  |   |
| Apr-96 | 188,422   | 99,568                                   | 264,720   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,907  |   |
| May-96 | 189,002   | 99,845                                   | 265,506   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,846  |   |
| Jun-96 | 189,585   | 100,123                                  | 266,290   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,826  |   |
| Jul-96 | 190,272   | 100,400                                  | 266,960   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,765  |   |
| Aug-96 | 190,959   | 100,681                                  | 267,630   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,705  |   |
| Sep-96 | 191,646   | 100,962                                  | 268,300   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,604  |   |
| Oct-96 | 192,333   | 101,243                                  | 268,970   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,504  |   |
| Nov-96 | 193,020   | 101,523                                  | 269,640   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,445  |   |
| Dec-96 | 193,707   | 101,804                                  | 270,310   | 189,585  | 100,400                                       | 266,290                                       | 27,104   | 31,445  |   |
| Jan-97 | 194,394   | 102,085                                  | 270,980   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,741  |   |
| Feb-97 | 195,081   | 102,366                                  | 271,650   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,642  |   |
| Mar-97 | 195,768   | 102,647                                  | 272,320   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,563  |   |
| Apr-97 | 196,455   | 102,928                                  | 272,990   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,523  |   |
| May-97 | 197,142   | 103,208                                  | 273,660   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,543  |   |
| Jun-97 | 197,827   | 103,489                                  | 274,325   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,504  |   |
| Jul-97 | 198,514   | 103,770                                  | 275,210   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,465  |   |
| Aug-97 | 199,201   | 104,055                                  | 276,095   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,406  |   |
| Sep-97 | 199,888   | 104,340                                  | 276,980   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,328  |   |
| Oct-97 | 200,575   | 104,625                                  | 277,865   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,250  |   |
| Nov-97 | 201,262   | 104,910                                  | 278,750   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,270  |   |
| Dec-97 | 201,949   | 105,195                                  | 279,635   | 197,827  | 103,770                                       | 274,325                                       | 27,446   | 31,309  |   |
| Jan-98 | 202,636   | 105,480                                  | 280,520   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,726  |   |
| Feb-98 | 203,323   | 105,765                                  | 281,405   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,665  |   |
| Mar-98 | 204,010   | 106,050                                  | 282,290   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,605  |   |
| Apr-98 | 204,697   | 106,335                                  | 283,175   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,545  |   |
| May-98 | 205,384   | 106,620                                  | 284,060   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,485  |   |
| Jun-98 | 206,071   | 106,905                                  | 284,946   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,445  |   |
| Jul-98 | 206,758   | 107,190                                  | 285,831   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,405  |   |
| Aug-98 | 207,445   | 107,475                                  | 286,716   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,366  |   |
| Sep-98 | 208,132   | 107,760                                  | 287,601   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,326  |   |
| Oct-98 | 208,819   | 108,045                                  | 288,486   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,247  |   |
| Nov-98 | 209,506   | 108,330                                  | 289,371   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,247  |   |
| Dec-98 | 210,193   | 108,615                                  | 290,256   | 209,768  | 107,310                                       | 284,946                                       | 28,742   | 32,267  |   |
| Jan-99 | 210,880   | 108,900                                  | 291,141   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 34,257  |   |
| Feb-99 | 211,567   | 109,185                                  | 292,026   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 34,215  |   |
| Mar-99 | 212,254   | 109,470                                  | 292,911   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 34,111  |   |
| Apr-99 | 212,941   | 109,755                                  | 293,796   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 33,865  |   |
| May-99 | 213,628   | 110,040                                  | 294,681   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 33,865  |   |
| Jun-99 | 214,315   | 110,325                                  | 295,566   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 33,865  |   |
| Jul-99 | 215,002   | 110,610                                  | 296,451   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 33,764  |   |
| Aug-99 | 215,689   | 110,895                                  | 297,336   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 33,683  |   |
| Sep-99 | 216,376   | 111,180                                  | 298,221   | 217,328  | 111,040                                       | 294,292                                       | 30,589   | 33,522  |   |

Historic  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month   | Monthly Values of Exogenous Variables |            |                      |                |                |                |            |            |
|---------|---------------------------------------|------------|----------------------|----------------|----------------|----------------|------------|------------|
|         | Linear Interpolation                  | Ada County | Linear Interpolation | Annual Average | Annual Average | Annual Average | Ada County | Ada County |
|         | Ada County                            | Number of  | of Ada               | Ada County     | Ada County     | Ada County     | Nominal    | Nominal    |
|         | of Non-Ag                             | Households | County               | Non-Ag         | Ada County     | Ada County     | Per Capita | Per Capita |
| Employ. |                                       | Population | Employ.              | Households     | Population     | Income         | Income     |            |
| NAG1    | NHT                                   | NPT1       | NAGA                 | NHTA           | NPTA           | YPPC\$         | YPPC       |            |
| Oct-99  | 221,644                               | 111,910    | 297,192              | 217,328        | 111,040        | 294,292        | 30,589     | 33,462     |
| Nov-99  | 222,723                               | 112,200    | 297,917              | 217,328        | 111,040        | 294,292        | 30,589     | 33,443     |
| Dec-99  | 223,802                               | 112,490    | 298,642              | 217,328        | 111,040        | 294,292        | 30,589     | 33,443     |
| Jan-00  | 226,540                               | 112,780    | 299,367              | 227,980        | 114,525        | 304,566        | 34,000     | 36,520     |
| Feb-00  | 226,710                               | 113,070    | 300,092              | 227,980        | 114,525        | 304,566        | 34,000     | 36,304     |
| Mar-00  | 226,880                               | 113,360    | 300,817              | 227,980        | 114,525        | 304,566        | 34,000     | 36,008     |
| Apr-00  | 227,050                               | 113,650    | 301,542              | 227,980        | 114,525        | 304,566        | 34,000     | 35,987     |
| May-00  | 227,220                               | 113,940    | 302,267              | 227,980        | 114,525        | 304,566        | 34,000     | 35,945     |
| Jun-00  | 227,390                               | 114,230    | 302,992              | 227,980        | 114,525        | 304,566        | 34,000     | 35,757     |
| Jul-00  | 227,980                               | 114,525    | 304,566              | 227,980        | 114,525        | 304,566        | 34,000     | 35,674     |
| Aug-00  | 228,041                               | 114,897    | 305,392              | 227,980        | 114,525        | 304,566        | 34,000     | 35,674     |
| Sep-00  | 228,102                               | 115,269    | 306,217              | 227,980        | 114,525        | 304,566        | 34,000     | 35,489     |
| Oct-00  | 228,163                               | 115,641    | 307,043              | 227,980        | 114,525        | 304,566        | 34,000     | 35,428     |
| Nov-00  | 228,224                               | 116,013    | 307,869              | 227,980        | 114,525        | 304,566        | 34,000     | 35,408     |
| Dec-00  | 228,285                               | 116,385    | 308,694              | 227,980        | 114,525        | 304,566        | 34,000     | 35,428     |
| Jan-01  | 228,346                               | 116,757    | 309,520              | 228,712        | 118,989        | 314,474        | 34,280     | 35,783     |
| Feb-01  | 228,407                               | 117,129    | 310,346              | 228,712        | 118,989        | 314,474        | 34,280     | 35,641     |
| Mar-01  | 228,468                               | 117,501    | 311,171              | 228,712        | 118,989        | 314,474        | 34,280     | 35,560     |
| Apr-01  | 228,529                               | 117,873    | 311,997              | 228,712        | 118,989        | 314,474        | 34,280     | 35,419     |
| May-01  | 228,590                               | 118,245    | 312,823              | 228,712        | 118,989        | 314,474        | 34,280     | 35,260     |
| Jun-01  | 228,651                               | 118,617    | 313,648              | 228,712        | 118,989        | 314,474        | 34,280     | 35,200     |
| Jul-01  | 228,712                               | 118,989    | 314,474              | 228,712        | 118,989        | 314,474        | 34,280     | 35,300     |
| Aug-01  | 229,119                               | 119,284    | 314,474              | 228,712        | 118,989        | 314,474        | 34,280     | 35,300     |
| Sep-01  | 229,527                               | 119,578    | 315,083              | 228,712        | 118,989        | 314,474        | 34,280     | 35,141     |
| Oct-01  | 229,934                               | 119,873    | 315,693              | 228,712        | 118,989        | 314,474        | 34,280     | 35,260     |
| Nov-01  | 230,341                               | 120,168    | 316,302              | 228,712        | 118,989        | 314,474        | 34,280     | 35,319     |
| Dec-01  | 230,749                               | 120,462    | 316,912              | 228,712        | 118,989        | 314,474        | 34,280     | 35,459     |
| Jan-02  | 231,156                               | 120,757    | 317,521              | 233,600        | 122,525        | 321,787        | 34,850     | 35,795     |
| Feb-02  | 231,563                               | 121,052    | 318,131              | 233,600        | 122,525        | 321,787        | 34,850     | 35,654     |
| Mar-02  | 231,971                               | 121,346    | 318,740              | 233,600        | 122,525        | 321,787        | 34,850     | 35,454     |
| Apr-02  | 232,378                               | 121,641    | 319,349              | 233,600        | 122,525        | 321,787        | 34,850     | 35,257     |
| May-02  | 232,785                               | 121,936    | 319,959              | 233,600        | 122,525        | 321,787        | 34,850     | 35,257     |
| Jun-02  | 233,193                               | 122,230    | 320,568              | 233,600        | 122,525        | 321,787        | 34,850     | 35,238     |
| Jul-02  | 233,600                               | 122,525    | 321,178              | 233,600        | 122,525        | 321,787        | 34,850     | 35,199     |
| Aug-02  | 233,683                               | 122,767    | 321,787              | 233,600        | 122,525        | 321,787        | 34,850     | 35,082     |
| Sep-02  | 233,767                               | 123,008    | 321,787              | 233,600        | 122,525        | 321,787        | 34,850     | 35,024     |
| Oct-02  | 233,850                               | 123,250    | 322,244              | 233,600        | 122,525        | 321,787        | 34,850     | 34,966     |
| Nov-02  | 233,933                               | 123,492    | 322,700              | 233,600        | 122,525        | 321,787        | 34,850     | 34,966     |
| Dec-02  | 234,017                               | 123,733    | 323,157              | 233,600        | 122,525        | 321,787        | 34,850     | 35,043     |
| Jan-03  | 234,100                               | 123,975    | 323,614              | 234,600        | 125,425        | 327,267        | 35,340     | 35,243     |
| Feb-03  | 234,183                               | 124,217    | 324,070              | 234,600        | 125,425        | 327,267        | 35,340     | 34,973     |
| Mar-03  | 234,267                               | 124,458    | 324,527              | 234,600        | 125,425        | 327,267        | 35,340     | 34,765     |
| Apr-03  | 234,350                               | 124,700    | 324,984              | 234,600        | 125,425        | 327,267        | 35,340     | 34,840     |
| May-03  | 234,433                               | 124,942    | 325,440              | 234,600        | 125,425        | 327,267        | 35,340     | 34,897     |
| Jun-03  | 234,517                               | 125,183    | 325,897              | 234,600        | 125,425        | 327,267        | 35,340     | 34,859     |
| Jul-03  | 234,600                               | 125,425    | 326,354              | 234,600        | 125,425        | 327,267        | 35,340     | 34,821     |
| Aug-03  | 235,217                               | 125,745    | 326,810              | 234,600        | 125,425        | 327,267        | 35,340     | 34,689     |
| Sep-03  | 235,833                               | 126,065    | 327,267              | 234,600        | 125,425        | 327,267        | 35,340     | 34,577     |
| Oct-03  | 236,450                               | 126,386    | 327,267              | 234,600        | 125,425        | 327,267        | 35,340     | 34,614     |
| Nov-03  | 237,067                               | 126,706    | 327,925              | 234,600        | 125,425        | 327,267        | 35,340     | 34,708     |
| Dec-03  | 237,683                               | 127,026    | 328,583              | 234,600        | 125,425        | 327,267        | 35,340     | 34,746     |
| Jan-04  | 238,300                               | 127,346    | 329,242              | 242,000        | 129,267        | 335,165        | 38,220     | 37,020     |
| Feb-04  | 238,917                               | 127,666    | 329,900              | 242,000        | 129,267        | 335,165        | 38,220     | 36,822     |
| Mar-04  | 239,533                               | 127,986    | 330,558              | 242,000        | 129,267        | 335,165        | 38,220     | 36,586     |
| Apr-04  | 240,150                               | 128,307    | 331,216              | 242,000        | 129,267        | 335,165        | 38,220     | 36,469     |
| May-04  | 240,767                               | 128,627    | 331,874              | 242,000        | 129,267        | 335,165        | 38,220     | 36,257     |
| Jun-04  | 241,383                               | 128,947    | 332,532              | 242,000        | 129,267        | 335,165        | 38,220     | 36,142     |

Historic Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u> | <u>Monthly Values of Exogenous Variables</u>                                      |  |   |  |  |  |        | <u>Ada County<br/>Nominal<br/>Per Capita<br/>Income<br/>YPPC\$</u> | <u>Ada County<br/>(2003 \$)<br/>Per Capita<br/>Income<br/>YPPC</u> |
|--------------|---|--|---|--|--|--|--------|--|--|
|              | <u>Linear<br/>Interpolation<br/>Ada County<br/>of Non-Ag<br/>Employ.<br/>NAG1</u> | <u>Ada<br/>County<br/>Number of<br/>Households<br/>NHT</u> | <u>Linear<br/>Interpolation<br/>of Ada<br/>County<br/>Population<br/>NPT1</u> | <u>Annual<br/>Average<br/>Ada County<br/>Non-Ag<br/>Employ.<br/>NAGA</u> | <u>Annual<br/>Average<br/>Ada County<br/>Households<br/>NHTA</u> | <u>Annual<br/>Average<br/>Ada County<br/>Population<br/>NPTA</u> |        |  |  |
|              |   |  |   |  |  |  |        |  |  |
|              |   |  |   |  |  |  |        |  |  |
| Jul-04       | 242,000   | 129,267  | 333,191   | 242,000  | 129,267  | 335,165  | 38,220 | 36,200   |  |
| Aug-04       | 243,108   | 129,761  | 333,849   | 242,000  | 129,267  | 335,165  | 38,220 | 36,180   |  |
| Sep-04       | 244,217   | 130,255  | 334,507   | 242,000  | 129,267  | 335,165  | 38,220 | 36,104   |  |
| Oct-04       | 245,325   | 130,750  | 335,165   | 242,000  | 129,267  | 335,165  | 38,220 | 35,915   |  |
| Nov-04       | 246,433   | 131,244  | 335,165   | 242,000  | 129,267  | 335,165  | 38,220 | 35,896   |  |
| Dec-04       | 247,542   | 131,738  | 336,278   | 242,000  | 129,267  | 335,165  | 38,220 | 36,028   |  |
| Jan-05       | 248,650   | 132,232  | 337,392   | 255,300  | 135,197  | 348,525  | 39,060 | 37,660   |  |
| Feb-05       | 249,758   | 132,726  | 338,505   | 255,300  | 135,197  | 348,525  | 39,060 | 37,444   |  |
| Mar-05       | 250,867   | 133,220  | 339,618   | 255,300  | 135,197  | 348,525  | 39,060 | 37,154   |  |
| Apr-05       | 251,975   | 133,715  | 340,732   | 255,300  | 135,197  | 348,525  | 39,060 | 36,905   |  |
| May-05       | 253,083   | 134,209  | 341,845   | 255,300  | 135,197  | 348,525  | 39,060 | 36,943   |  |
| Jun-05       | 254,192   | 134,703  | 342,958   | 255,300  | 135,197  | 348,525  | 39,060 | 36,924   |  |
| Jul-05       | 255,300   | 135,197  | 344,072   | 255,300  | 135,197  | 348,525  | 39,060 | 36,754   |  |
| Aug-05       | 256,700   | 135,667  | 345,185   | 255,300  | 135,197  | 348,525  | 39,060 | 36,567   |  |
| Sep-05       | 258,100   | 136,136  | 346,298   | 255,300  | 135,197  | 348,525  | 39,060 | 36,126   |  |
| Oct-05       | 259,500   | 136,606  | 347,412   | 255,300  | 135,197  | 348,525  | 39,060 | 36,053   |  |
| Nov-05       | 260,900   | 137,076  | 348,525   | 255,300  | 135,197  | 348,525  | 39,060 | 36,345   |  |
| Dec-05       | 262,300   | 137,545  | 348,525   | 255,300  | 135,197  | 348,525  | 39,060 | 36,493   |  |
| Jan-06       | 263,700   | 138,015  | 349,670   | 272,100  | 140,833  | 362,261  | 42,640 | 38,295   |  |
| Feb-06       | 265,100   | 138,485  | 350,814   | 272,100  | 140,833  | 362,261  | 42,640 | 38,218   |  |
| Mar-06       | 266,500   | 138,954  | 351,959   | 272,100  | 140,833  | 362,261  | 42,640 | 38,007   |  |
| Apr-06       | 267,900   | 139,424  | 353,104   | 272,100  | 140,833  | 362,261  | 42,640 | 37,687   |  |
| May-06       | 269,300   | 139,894  | 354,248   | 272,100  | 140,833  | 362,261  | 42,640 | 37,501   |  |
| Jun-06       | 270,700   | 140,363  | 355,393   | 272,100  | 140,833  | 362,261  | 42,640 | 37,427   |  |
| Jul-06       | 272,100   | 140,833  | 356,538   | 272,100  | 140,833  | 362,261  | 42,640 | 37,316   |  |
| Aug-06       | 272,508   | 141,087  | 357,682   | 272,100  | 140,833  | 362,261  | 42,640 | 37,243   |  |
| Sep-06       | 272,917   | 141,342  | 358,827   | 272,100  | 140,833  | 362,261  | 42,640 | 37,427   |  |
| Oct-06       | 273,325   | 141,596  | 359,972   | 272,100  | 140,833  | 362,261  | 42,640 | 37,631   |  |
| Nov-06       | 273,733   | 141,850  | 361,116   | 272,100  | 140,833  | 362,261  | 42,640 | 37,687   |  |
| Dec-06       | 274,142   | 142,104  | 362,261   | 272,100  | 140,833  | 362,261  | 42,640 | 37,631   |  |
| Jan-07       | 274,550   | 142,359  | 373,164   | 277,000  | 143,884  | 373,164  | 42,830 | 38,289   |  |
| Feb-07       | 274,958   | 142,613  | 373,714   | 277,000  | 143,884  | 373,164  | 42,830 | 38,085   |  |
| Mar-07       | 275,367   | 142,867  | 374,264   | 277,000  | 143,884  | 373,164  | 42,830 | 37,741   |  |
| Apr-07       | 275,775   | 143,121  | 374,813   | 277,000  | 143,884  | 373,164  | 42,830 | 37,498   |  |
| May-07       | 276,183   | 143,376  | 375,363   | 277,000  | 143,884  | 373,164  | 42,830 | 37,270   |  |
| Jun-07       | 276,592   | 143,630  | 375,913   | 277,000  | 143,884  | 373,164  | 42,830 | 37,198   |  |
| Jul-07       | 277,000   | 143,884  | 376,463   | 277,000  | 143,884  | 373,164  | 42,830 | 37,207   |  |
| Aug-07       | 276,725   | 143,910  | 377,012   | 277,000  | 143,884  | 373,164  | 42,830 | 37,276   |  |
| Sep-07       | 276,450   | 143,936  | 377,562   | 277,000  | 143,884  | 373,164  | 42,830 | 37,173   |  |
| Oct-07       | 276,175   | 143,962  | 378,112   | 277,000  | 143,884  | 373,164  | 42,830 | 37,094   |  |
| Nov-07       | 275,900   | 143,987  | 378,662   | 277,000  | 143,884  | 373,164  | 42,830 | 36,875   |  |
| Dec-07       | 275,625   | 144,013  | 379,211   | 277,000  | 143,884  | 373,164  | 42,830 | 36,900   |  |
| Jan-08       | 275,350   | 144,039  | 379,761   | 273,700  | 144,194  | 379,761  | 42,240 | 37,693   |  |
| Feb-08       | 275,075   | 144,065  | 379,761   | 273,700  | 144,194  | 379,761  | 42,240 | 37,584   |  |
| Mar-08       | 274,800   | 144,091  | 380,223   | 273,700  | 144,194  | 379,761  | 42,240 | 37,261   |  |
| Apr-08       | 274,525   | 144,117  | 380,686   | 273,700  | 144,194  | 379,761  | 42,240 | 37,036   |  |
| May-08       | 274,250   | 144,142  | 381,148   | 273,700  | 144,194  | 379,761  | 42,240 | 36,727   |  |
| Jun-08       | 273,975   | 144,168  | 381,610   | 273,700  | 144,194  | 379,761  | 42,240 | 36,361   |  |
| Jul-08       | 273,700   | 144,194  | 382,072   | 273,700  | 144,194  | 379,761  | 42,240 | 36,171   |  |
| Aug-08       | 272,200   | 144,152  | 382,535   | 273,700  | 144,194  | 379,761  | 42,240 | 36,316   |  |
| Sep-08       | 270,700   | 144,109  | 382,997   | 273,700  | 144,194  | 379,761  | 42,240 | 36,366   |  |
| Oct-08       | 269,200   | 144,067  | 383,459   | 273,700  | 144,194  | 379,761  | 42,240 | 36,737   |  |
| Nov-08       | 267,700   | 144,025  | 383,921   | 273,700  | 144,194  | 379,761  | 42,240 | 37,454   |  |
| Dec-08       | 266,200   | 143,982  | 384,384   | 273,700  | 144,194  | 379,761  | 42,240 | 37,846   |  |
| Jan-09       | 264,700   | 143,940  | 384,846   | 255,700  | 143,686  | 385,308  | 39,950 | 38,771   |  |
| Feb-09       | 263,200   | 143,898  | 385,308   | 255,700  | 143,686  | 385,308  | 39,950 | 38,579   |  |
| Mar-09       | 261,700   | 143,855  | 385,308   | 255,700  | 143,686  | 385,308  | 39,950 | 38,486   |  |

Historic  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Values of Exogenous Variables</b> |  |  |  |   |   |   |  |  |
|--|--|--|--|---|---|---|--|--|
| <b>Month</b>                                 | <b>Linear Interpolation Ada County of Non-Ag</b> | <b>Ada County Number of Households</b> | <b>Linear Interpolation of Ada County Population</b> | <b>Annual Average Ada County Non-Ag Employ.</b> | <b>Annual Average Ada County Households</b> | <b>Annual Average Ada County Population</b> | <b>Ada County Nominal Per Capita Personal Income</b> | <b>Ada County (2003 \$) Per Capita Personal Income</b> |
|  | <b>Employ.</b>                                   | <b>NHT</b>                             | <b>NPT1</b>  | <b>NAGA</b>                                     | <b>NHTA</b>                                 | <b>NPTA</b>                                 | <b>YPPC\$</b>  | <b>YPPC</b>  |
|  | <b>NAG1</b>                                      |  |  |   |   |   |  |  |
| Apr-09                                       | 260,200  | 143,813                                | 385,763  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 38,390   |
| May-09                                       | 258,700  | 143,771                                | 386,218  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 38,279   |
| Jun-09                                       | 257,200  | 143,728                                | 386,673  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 37,953   |
| Jul-09                                       | 255,700  | 143,686                                | 387,128  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 38,013   |
| Aug-09                                       | 255,525  | 143,832                                | 387,583  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 37,928   |
| Sep-09                                       | 255,350  | 143,977                                | 388,038  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 37,905   |
| Oct-09                                       | 255,175  | 144,123                                | 388,493  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 37,905   |
| Nov-09                                       | 255,000  | 144,268                                | 388,948  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 37,881   |
| Dec-09                                       | 254,825  | 144,414                                | 389,403  | 255,700   | 143,686                                     | 385,308                                     | 39,950   | 37,857   |
| Jan-10                                       | 254,650  | 144,560                                | 389,858  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 39,100   |
| Feb-10                                       | 254,475  | 144,705                                | 390,313  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 39,076   |
| Mar-10                                       | 254,300  | 144,851                                | 390,768  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 39,052   |
| Apr-10                                       | 254,125  | 144,996                                | 390,768  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 39,027   |
| May-10                                       | 253,950  | 145,142                                | 391,367  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 39,003   |
| Jun-10                                       | 253,775  | 145,287                                | 391,966  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 38,979   |
| Jul-10                                       | 253,600  | 145,433                                | 392,565  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 37,468   |
| Aug-10                                       | 253,858  | 145,619                                | 393,164  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 37,524   |
| Sep-10                                       | 254,117  | 145,806                                | 393,763  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 37,579   |
| Oct-10                                       | 254,375  | 145,992                                | 394,362  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 37,635   |
| Nov-10                                       | 254,633  | 146,178                                | 394,960  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 37,691   |
| Dec-10                                       | 254,892  | 146,365                                | 395,559  | 253,600   | 145,433                                     | 390,768                                     | 40,280   | 37,747   |
| Jan-11                                       | 255,150  | 146,551                                | 396,158  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,102   |
| Feb-11                                       | 255,408  | 146,737                                | 396,757  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,160   |
| Mar-11                                       | 255,667  | 146,924                                | 397,356  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,219   |
| Apr-11                                       | 255,925  | 147,110                                | 397,955  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,277   |
| May-11                                       | 256,183  | 147,296                                | 397,955  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,336   |
| Jun-11                                       | 256,442  | 147,483                                | 398,597  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,395   |
| Jul-11                                       | 256,700  | 147,669                                | 399,238  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,454   |
| Aug-11                                       | 257,400  | 147,927                                | 399,880  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,386   |
| Sep-11                                       | 258,100  | 148,185                                | 400,522  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,318   |
| Oct-11                                       | 258,800  | 148,442                                | 401,163  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,251   |
| Nov-11                                       | 259,500  | 148,700                                | 401,805  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,183   |
| Dec-11                                       | 260,200  | 148,958                                | 402,447  | 256,700   | 147,669                                     | 397,955                                     | 41,390   | 39,116   |
| Jan-12                                       | 260,900  | 149,216                                | 403,088  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,560   |
| Feb-12                                       | 261,600  | 149,473                                | 403,730  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,491   |
| Mar-12                                       | 262,300  | 149,731                                | 404,372  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,422   |
| Apr-12                                       | 263,000  | 149,989                                | 405,013  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,353   |
| May-12                                       | 263,700  | 150,247                                | 405,655  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,284   |
| Jun-12                                       | 264,400  | 150,504                                | 406,336  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,216   |
| Jul-12                                       | 265,100  | 150,762                                | 407,017  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,148   |
| Aug-12                                       | 265,717  | 151,044                                | 407,698  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,083   |
| Sep-12                                       | 266,333  | 151,327                                | 408,379  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 40,018   |
| Oct-12                                       | 266,950  | 151,609                                | 409,060  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 39,954   |
| Nov-12                                       | 267,567  | 151,891                                | 409,741  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 39,889   |
| Dec-12                                       | 268,183  | 152,173                                | 410,422  | 265,100   | 150,762                                     | 405,655                                     | 42,600   | 39,825   |
| Jan-13                                       | 268,800  | 152,456                                | 411,103  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 41,234   |
| Feb-13                                       | 269,417  | 152,738                                | 411,784  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 41,168   |
| Mar-13                                       | 270,033  | 153,020                                | 412,465  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 41,102   |
| Apr-13                                       | 270,650  | 153,302                                | 413,146  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 41,037   |
| May-13                                       | 271,267  | 153,585                                | 413,827  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,971   |
| Jun-13                                       | 271,883  | 153,867                                | 413,827  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,906   |
| Jul-13                                       | 272,500  | 154,149                                | 414,537  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,841   |
| Aug-13                                       | 273,142  | 154,443                                | 415,246  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,776   |
| Sep-13                                       | 273,783  | 154,736                                | 415,956  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,712   |
| Oct-13                                       | 274,425  | 155,030                                | 416,665  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,647   |
| Nov-13                                       | 275,067  | 155,323                                | 417,375  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,583   |
| Dec-13                                       | 275,708  | 155,617                                | 418,084  | 272,500   | 154,149                                     | 413,827                                     | 44,030   | 40,519   |

Historic Data

Forecast Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month  | Monthly Values of Exogenous Variables |            |                      |                |                |                |            |            |
|--------|---------------------------------------|------------|----------------------|----------------|----------------|----------------|------------|------------|
|        | Linear Interpolation                  | Ada County | Linear Interpolation | Annual Average | Annual Average | Annual Average | Ada County | Ada County |
|        | of Non-Ag                             | County     | of Ada               | Ada County     | Ada County     | Ada County     | Nominal    | Nominal    |
|        | Employ.                               | Number of  | County               | Non-Ag         | Households     | Population     | Per Capita | Per Capita |
| NAG1   | Households                            | Population | Employ.              | NHTA           | NPTA           | Income         | Income     |            |
|        | NHT                                   | NPT1       | NAGA                 |                |                | YPPC\$         | YPPC       |            |
| Jan-14 | 276,350                               | 155,910    | 418,794              | 280,200        | 157,671        | 422,341        | 45,860     | 41,940     |
| Feb-14 | 276,992                               | 156,204    | 419,503              | 280,200        | 157,671        | 422,341        | 45,860     | 41,874     |
| Mar-14 | 277,633                               | 156,497    | 420,213              | 280,200        | 157,671        | 422,341        | 45,860     | 41,808     |
| Apr-14 | 278,275                               | 156,791    | 420,922              | 280,200        | 157,671        | 422,341        | 45,860     | 41,743     |
| May-14 | 278,917                               | 157,084    | 421,632              | 280,200        | 157,671        | 422,341        | 45,860     | 41,677     |
| Jun-14 | 279,558                               | 157,378    | 422,341              | 280,200        | 157,671        | 422,341        | 45,860     | 41,612     |
| Jul-14 | 280,200                               | 157,671    | 422,341              | 280,200        | 157,671        | 422,341        | 45,860     | 41,547     |
| Aug-14 | 280,767                               | 157,966    | 423,063              | 280,200        | 157,671        | 422,341        | 45,860     | 41,483     |
| Sep-14 | 281,333                               | 158,262    | 423,786              | 280,200        | 157,671        | 422,341        | 45,860     | 41,418     |
| Oct-14 | 281,900                               | 158,557    | 424,508              | 280,200        | 157,671        | 422,341        | 45,860     | 41,354     |
| Nov-14 | 282,467                               | 158,852    | 425,231              | 280,200        | 157,671        | 422,341        | 45,860     | 41,290     |
| Dec-14 | 283,033                               | 159,147    | 425,953              | 280,200        | 157,671        | 422,341        | 45,860     | 41,226     |
| Jan-15 | 283,600                               | 159,443    | 426,676              | 287,000        | 161,214        | 431,010        | 47,710     | 42,611     |
| Feb-15 | 284,167                               | 159,738    | 427,398              | 287,000        | 161,214        | 431,010        | 47,710     | 42,546     |
| Mar-15 | 284,733                               | 160,033    | 428,120              | 287,000        | 161,214        | 431,010        | 47,710     | 42,480     |
| Apr-15 | 285,300                               | 160,328    | 428,843              | 287,000        | 161,214        | 431,010        | 47,710     | 42,415     |
| May-15 | 285,867                               | 160,624    | 429,565              | 287,000        | 161,214        | 431,010        | 47,710     | 42,350     |
| Jun-15 | 286,433                               | 160,919    | 430,288              | 287,000        | 161,214        | 431,010        | 47,710     | 42,285     |
| Jul-15 | 287,000                               | 161,214    | 431,010              | 287,000        | 161,214        | 431,010        | 47,710     | 42,220     |
| Aug-15 | 287,533                               | 161,508    | 431,010              | 287,000        | 161,214        | 431,010        | 47,710     | 42,151     |
| Sep-15 | 288,067                               | 161,803    | 431,744              | 287,000        | 161,214        | 431,010        | 47,710     | 42,083     |
| Oct-15 | 288,600                               | 162,097    | 432,478              | 287,000        | 161,214        | 431,010        | 47,710     | 42,014     |
| Nov-15 | 289,133                               | 162,391    | 433,213              | 287,000        | 161,214        | 431,010        | 47,710     | 41,946     |
| Dec-15 | 289,667                               | 162,686    | 433,947              | 287,000        | 161,214        | 431,010        | 47,710     | 41,878     |
| Jan-16 | 290,200                               | 162,980    | 434,681              | 293,400        | 164,746        | 439,820        | 49,610     | 43,300     |
| Feb-16 | 290,733                               | 163,274    | 435,415              | 293,400        | 164,746        | 439,820        | 49,610     | 43,230     |
| Mar-16 | 291,267                               | 163,569    | 436,149              | 293,400        | 164,746        | 439,820        | 49,610     | 43,161     |
| Apr-16 | 291,800                               | 163,863    | 436,883              | 293,400        | 164,746        | 439,820        | 49,610     | 43,091     |
| May-16 | 292,333                               | 164,157    | 437,618              | 293,400        | 164,746        | 439,820        | 49,610     | 43,022     |
| Jun-16 | 292,867                               | 164,452    | 438,352              | 293,400        | 164,746        | 439,820        | 49,610     | 42,953     |
| Jul-16 | 293,400                               | 164,746    | 439,086              | 293,400        | 164,746        | 439,820        | 49,610     | 42,884     |
| Aug-16 | 293,917                               | 165,034    | 439,820              | 293,400        | 164,746        | 439,820        | 49,610     | 42,815     |
| Sep-16 | 294,433                               | 165,322    | 439,820              | 293,400        | 164,746        | 439,820        | 49,610     | 42,747     |
| Oct-16 | 294,950                               | 165,611    | 440,546              | 293,400        | 164,746        | 439,820        | 49,610     | 42,679     |
| Nov-16 | 295,467                               | 165,899    | 441,271              | 293,400        | 164,746        | 439,820        | 49,610     | 42,611     |
| Dec-16 | 295,983                               | 166,187    | 441,997              | 293,400        | 164,746        | 439,820        | 49,610     | 42,543     |
| Jan-17 | 296,500                               | 166,475    | 442,723              | 299,600        | 168,204        | 448,528        | 51,530     | 44,012     |
| Feb-17 | 297,017                               | 166,763    | 443,448              | 299,600        | 168,204        | 448,528        | 51,530     | 43,942     |
| Mar-17 | 297,533                               | 167,051    | 444,174              | 299,600        | 168,204        | 448,528        | 51,530     | 43,872     |
| Apr-17 | 298,050                               | 167,340    | 444,900              | 299,600        | 168,204        | 448,528        | 51,530     | 43,803     |
| May-17 | 298,567                               | 167,628    | 445,625              | 299,600        | 168,204        | 448,528        | 51,530     | 43,734     |
| Jun-17 | 299,083                               | 167,916    | 446,351              | 299,600        | 168,204        | 448,528        | 51,530     | 43,665     |
| Jul-17 | 299,600                               | 168,204    | 447,077              | 299,600        | 168,204        | 448,528        | 51,530     | 43,596     |
| Aug-17 | 300,067                               | 168,487    | 447,802              | 299,600        | 168,204        | 448,528        | 51,530     | 43,528     |
| Sep-17 | 300,533                               | 168,771    | 448,528              | 299,600        | 168,204        | 448,528        | 51,530     | 43,460     |
| Oct-17 | 301,000                               | 169,054    | 448,528              | 299,600        | 168,204        | 448,528        | 51,530     | 43,392     |
| Nov-17 | 301,467                               | 169,338    | 449,251              | 299,600        | 168,204        | 448,528        | 51,530     | 43,324     |
| Dec-17 | 301,933                               | 169,621    | 449,975              | 299,600        | 168,204        | 448,528        | 51,530     | 43,256     |
| Jan-18 | 302,400                               | 169,905    | 450,698              | 305,200        | 171,605        | 457,207        | 53,480     | 44,770     |
| Feb-18 | 302,867                               | 170,188    | 451,421              | 305,200        | 171,605        | 457,207        | 53,480     | 44,700     |
| Mar-18 | 303,333                               | 170,471    | 452,144              | 305,200        | 171,605        | 457,207        | 53,480     | 44,630     |
| Apr-18 | 303,800                               | 170,755    | 452,868              | 305,200        | 171,605        | 457,207        | 53,480     | 44,561     |
| May-18 | 304,267                               | 171,038    | 453,591              | 305,200        | 171,605        | 457,207        | 53,480     | 44,492     |
| Jun-18 | 304,733                               | 171,322    | 454,314              | 305,200        | 171,605        | 457,207        | 53,480     | 44,423     |
| Jul-18 | 305,200                               | 171,605    | 455,037              | 305,200        | 171,605        | 457,207        | 53,480     | 44,355     |
| Aug-18 | 305,658                               | 171,882    | 455,761              | 305,200        | 171,605        | 457,207        | 53,480     | 44,288     |
| Sep-18 | 306,117                               | 172,160    | 456,484              | 305,200        | 171,605        | 457,207        | 53,480     | 44,221     |

Forecast  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Values of Exogenous Variables</b> |                             |                   |                             |                       |                       |                       |                   |                   |
|--|-----------------------------|-------------------|-----------------------------|-----------------------|-----------------------|-----------------------|-------------------|-------------------|
| <b>Month</b>                                 | <b>Linear Interpolation</b> | <b>Ada County</b> | <b>Linear Interpolation</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Ada County</b> | <b>Ada County</b> |
|  | <b>of Non-Ag</b>            | <b>Number of</b>  | <b>of Ada County</b>        | <b>Ada County</b>     | <b>Ada County</b>     | <b>Ada County</b>     | <b>Per Capita</b> | <b>Per Capita</b> |
|  | <b>Employ.</b>              | <b>Households</b> | <b>Population</b>           | <b>Non-Ag</b>         | <b>Households</b>     | <b>Population</b>     | <b>Personal</b>   | <b>Personal</b>   |
|  | <b>NAG1</b>                 | <b>NHT</b>        | <b>NPT1</b>                 | <b>NAGA</b>           | <b>NHTA</b>           | <b>NPTA</b>           | <b>YPPC\$</b>     | <b>YPPC</b>       |
| Oct-18                                       | 306,575                     | 172,437           | 457,207                     | 305,200               | 171,605               | 457,207               | 53,480            | 44,155            |
| Nov-18                                       | 307,033                     | 172,714           | 457,207                     | 305,200               | 171,605               | 457,207               | 53,480            | 44,088            |
| Dec-18                                       | 307,492                     | 172,992           | 457,924                     | 305,200               | 171,605               | 457,207               | 53,480            | 44,022            |
| Jan-19                                       | 307,950                     | 173,269           | 458,641                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,566            |
| Feb-19                                       | 308,408                     | 173,546           | 459,359                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,498            |
| Mar-19                                       | 308,867                     | 173,824           | 460,076                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,430            |
| Apr-19                                       | 309,325                     | 174,101           | 460,793                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,362            |
| May-19                                       | 309,783                     | 174,378           | 461,510                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,295            |
| Jun-19                                       | 310,242                     | 174,656           | 462,227                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,227            |
| Jul-19                                       | 310,700                     | 174,933           | 462,944                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,160            |
| Aug-19                                       | 311,117                     | 175,218           | 463,662                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,096            |
| Sep-19                                       | 311,533                     | 175,503           | 464,379                     | 310,700               | 174,933               | 465,813               | 55,590            | 45,032            |
| Oct-19                                       | 311,950                     | 175,788           | 465,096                     | 310,700               | 174,933               | 465,813               | 55,590            | 44,969            |
| Nov-19                                       | 312,367                     | 176,073           | 465,813                     | 310,700               | 174,933               | 465,813               | 55,590            | 44,905            |
| Dec-19                                       | 312,783                     | 176,358           | 466,531                     | 310,700               | 174,933               | 465,813               | 55,590            | 44,842            |
| Jan-20                                       | 313,200                     | 176,643           | 466,531                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,417            |
| Feb-20                                       | 313,617                     | 176,927           | 467,249                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,352            |
| Mar-20                                       | 314,033                     | 177,212           | 467,967                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,287            |
| Apr-20                                       | 314,450                     | 177,497           | 468,685                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,222            |
| May-20                                       | 314,867                     | 177,782           | 469,403                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,157            |
| Jun-20                                       | 315,283                     | 178,067           | 470,122                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,093            |
| Jul-20                                       | 315,700                     | 178,352           | 470,840                     | 315,700               | 178,352               | 474,430               | 57,810            | 46,029            |
| Aug-20                                       | 316,100                     | 178,646           | 471,558                     | 315,700               | 178,352               | 474,430               | 57,810            | 45,961            |
| Sep-20                                       | 316,500                     | 178,940           | 472,276                     | 315,700               | 178,352               | 474,430               | 57,810            | 45,895            |
| Oct-20                                       | 316,900                     | 179,234           | 472,994                     | 315,700               | 178,352               | 474,430               | 57,810            | 45,828            |
| Nov-20                                       | 317,300                     | 179,528           | 473,712                     | 315,700               | 178,352               | 474,430               | 57,810            | 45,761            |
| Dec-20                                       | 317,700                     | 179,822           | 474,430                     | 315,700               | 178,352               | 474,430               | 57,810            | 45,695            |
| Jan-21                                       | 318,100                     | 180,116           | 483,028                     | 320,500               | 181,879               | 483,028               | 59,990            | 47,260            |
| Feb-21                                       | 318,500                     | 180,409           | 483,742                     | 320,500               | 181,879               | 483,028               | 59,990            | 47,192            |
| Mar-21                                       | 318,900                     | 180,703           | 484,456                     | 320,500               | 181,879               | 483,028               | 59,990            | 47,124            |
| Apr-21                                       | 319,300                     | 180,997           | 485,170                     | 320,500               | 181,879               | 483,028               | 59,990            | 47,056            |
| May-21                                       | 319,700                     | 181,291           | 485,883                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,988            |
| Jun-21                                       | 320,100                     | 181,585           | 486,597                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,921            |
| Jul-21                                       | 320,500                     | 181,879           | 487,311                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,854            |
| Aug-21                                       | 320,933                     | 182,174           | 488,025                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,785            |
| Sep-21                                       | 321,367                     | 182,470           | 488,739                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,717            |
| Oct-21                                       | 321,800                     | 182,765           | 489,453                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,649            |
| Nov-21                                       | 322,233                     | 183,060           | 490,166                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,581            |
| Dec-21                                       | 322,667                     | 183,356           | 490,880                     | 320,500               | 181,879               | 483,028               | 59,990            | 46,513            |
| Jan-22                                       | 323,100                     | 183,651           | 491,594                     | 325,700               | 185,423               | 491,594               | 62,280            | 48,124            |
| Feb-22                                       | 323,533                     | 183,946           | 491,594                     | 325,700               | 185,423               | 491,594               | 62,280            | 48,054            |
| Mar-22                                       | 323,967                     | 184,242           | 492,304                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,984            |
| Apr-22                                       | 324,400                     | 184,537           | 493,013                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,915            |
| May-22                                       | 324,833                     | 184,832           | 493,723                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,846            |
| Jun-22                                       | 325,267                     | 185,128           | 494,433                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,777            |
| Jul-22                                       | 325,700                     | 185,423           | 495,142                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,708            |
| Aug-22                                       | 326,125                     | 185,716           | 495,852                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,639            |
| Sep-22                                       | 326,550                     | 186,010           | 496,562                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,571            |
| Oct-22                                       | 326,975                     | 186,303           | 497,271                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,503            |
| Nov-22                                       | 327,400                     | 186,596           | 497,981                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,435            |
| Dec-22                                       | 327,825                     | 186,889           | 498,691                     | 325,700               | 185,423               | 491,594               | 62,280            | 47,367            |
| Jan-23                                       | 328,250                     | 187,183           | 499,400                     | 330,800               | 188,942               | 500,110               | 64,610            | 49,063            |
| Feb-23                                       | 328,675                     | 187,476           | 500,110                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,993            |
| Mar-23                                       | 329,100                     | 187,769           | 500,110                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,923            |
| Apr-23                                       | 329,525                     | 188,062           | 500,820                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,853            |
| May-23                                       | 329,950                     | 188,356           | 501,531                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,784            |
| Jun-23                                       | 330,375                     | 188,649           | 502,241                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,715            |

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**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Values of Exogenous Variables</b> |                             |                   |                             |                       |                       |                       |                   |                   |
|--|-----------------------------|-------------------|-----------------------------|-----------------------|-----------------------|-----------------------|-------------------|-------------------|
| <b>Month</b>                                 | <b>Linear Interpolation</b> | <b>Ada County</b> | <b>Linear Interpolation</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Ada County</b> | <b>Ada County</b> |
|  | <b>of Non-Ag</b>            | <b>County</b>     | <b>of Ada</b>               | <b>Ada County</b>     | <b>Ada County</b>     | <b>Ada County</b>     | <b>Per Capita</b> | <b>Per Capita</b> |
|  | <b>Employ.</b>              | <b>Households</b> | <b>County</b>               | <b>Non-Ag</b>         | <b>Ada County</b>     | <b>Ada County</b>     | <b>Personal</b>   | <b>Personal</b>   |
|  | <b>NAG1</b>                 | <b>NHT</b>        | <b>Population</b>           | <b>Employ.</b>        | <b>Households</b>     | <b>Population</b>     | <b>Income</b>     | <b>Income</b>     |
|  |                             |                   | <b>NPT1</b>                 | <b>NAGA</b>           | <b>NHTA</b>           | <b>NPTA</b>           | <b>YPPC\$</b>     | <b>YPPC</b>       |
| Jul-23                                       | 330,800                     | 188,942           | 502,951                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,646            |
| Aug-23                                       | 331,225                     | 189,237           | 503,661                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,570            |
| Sep-23                                       | 331,650                     | 189,532           | 504,372                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,494            |
| Oct-23                                       | 332,075                     | 189,827           | 505,082                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,419            |
| Nov-23                                       | 332,500                     | 190,122           | 505,792                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,343            |
| Dec-23                                       | 332,925                     | 190,417           | 506,502                     | 330,800               | 188,942               | 500,110               | 64,610            | 48,268            |
| Jan-24                                       | 333,350                     | 190,712           | 507,213                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,985            |
| Feb-24                                       | 333,775                     | 191,006           | 507,923                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,907            |
| Mar-24                                       | 334,200                     | 191,301           | 508,633                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,830            |
| Apr-24                                       | 334,625                     | 191,596           | 509,344                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,753            |
| May-24                                       | 335,050                     | 191,891           | 510,055                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,676            |
| Jun-24                                       | 335,475                     | 192,186           | 510,767                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,600            |
| Jul-24                                       | 335,900                     | 192,481           | 511,478                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,524            |
| Aug-24                                       | 336,333                     | 192,777           | 512,189                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,446            |
| Sep-24                                       | 336,767                     | 193,073           | 512,900                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,369            |
| Oct-24                                       | 337,200                     | 193,370           | 513,611                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,292            |
| Nov-24                                       | 337,633                     | 193,666           | 514,322                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,215            |
| Dec-24                                       | 338,067                     | 193,962           | 515,034                     | 335,900               | 192,481               | 508,633               | 67,080            | 49,139            |
| Jan-25                                       | 338,500                     | 194,258           | 515,745                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,892            |
| Feb-25                                       | 338,933                     | 194,554           | 516,456                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,813            |
| Mar-25                                       | 339,367                     | 194,850           | 517,167                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,735            |
| Apr-25                                       | 339,800                     | 195,147           | 517,878                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,656            |
| May-25                                       | 340,233                     | 195,443           | 518,589                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,578            |
| Jun-25                                       | 340,667                     | 195,739           | 519,300                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,500            |
| Jul-25                                       | 341,100                     | 196,035           | 519,933                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,422            |
| Aug-25                                       | 341,525                     | 196,338           | 520,628                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,344            |
| Sep-25                                       | 341,950                     | 196,640           | 521,344                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,265            |
| Oct-25                                       | 342,375                     | 196,943           | 522,059                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,187            |
| Nov-25                                       | 342,800                     | 197,245           | 522,774                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,108            |
| Dec-25                                       | 343,225                     | 197,548           | 523,489                     | 341,100               | 196,035               | 517,167               | 69,650            | 50,031            |
| Jan-26                                       | 343,650                     | 197,850           | 524,204                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,863            |
| Feb-26                                       | 344,075                     | 198,153           | 524,919                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,783            |
| Mar-26                                       | 344,500                     | 198,455           | 525,634                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,702            |
| Apr-26                                       | 344,925                     | 198,758           | 526,349                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,622            |
| May-26                                       | 345,350                     | 199,060           | 527,064                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,543            |
| Jun-26                                       | 345,775                     | 199,363           | 527,779                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,463            |
| Jul-26                                       | 346,200                     | 199,665           | 528,494                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,384            |
| Aug-26                                       | 346,625                     | 199,968           | 529,209                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,301            |
| Sep-26                                       | 347,050                     | 200,270           | 529,924                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,218            |
| Oct-26                                       | 347,475                     | 200,573           | 530,639                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,135            |
| Nov-26                                       | 347,900                     | 200,875           | 531,354                     | 346,200               | 199,665               | 525,751               | 72,330            | 51,053            |
| Dec-26                                       | 348,325                     | 201,178           | 532,069                     | 346,200               | 199,665               | 525,751               | 72,330            | 50,971            |
| Jan-27                                       | 349,000                     | 201,554           | 533,111                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,831            |
| Feb-27                                       | 349,467                     | 201,868           | 533,826                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,746            |
| Mar-27                                       | 349,933                     | 202,183           | 534,541                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,662            |
| Apr-27                                       | 350,400                     | 202,498           | 535,256                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,578            |
| May-27                                       | 350,867                     | 202,813           | 535,971                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,494            |
| Jun-27                                       | 351,333                     | 203,127           | 536,686                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,410            |
| Jul-27                                       | 351,800                     | 203,442           | 537,401                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,327            |
| Aug-27                                       | 352,258                     | 203,757           | 538,116                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,243            |
| Sep-27                                       | 352,717                     | 204,072           | 538,831                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,160            |
| Oct-27                                       | 353,175                     | 204,387           | 539,546                     | 351,800               | 203,442               | 534,780               | 75,090            | 52,078            |
| Nov-27                                       | 353,633                     | 204,701           | 540,261                     | 351,800               | 203,442               | 534,780               | 75,090            | 51,995            |
| Dec-27                                       | 354,092                     | 205,016           | 540,976                     | 351,800               | 203,442               | 534,780               | 75,090            | 51,913            |
| Jan-28                                       | 354,550                     | 205,331           | 541,691                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,853            |
| Feb-28                                       | 355,008                     | 205,646           | 542,406                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,768            |
| Mar-28                                       | 355,467                     | 205,961           | 543,121                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,684            |

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**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Values of Exogenous Variables</b> |                             |                   |                             |                       |                       |                       |                   |                   |
|--|-----------------------------|-------------------|-----------------------------|-----------------------|-----------------------|-----------------------|-------------------|-------------------|
| <b>Month</b>                                 | <b>Linear Interpolation</b> | <b>Ada County</b> | <b>Linear Interpolation</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Ada County</b> | <b>Ada County</b> |
|  | <b>Ada County</b>           | <b>Number of</b>  | <b>of Ada</b>               | <b>Ada County</b>     | <b>Ada County</b>     | <b>Ada County</b>     | <b>Per Capita</b> | <b>Per Capita</b> |
|  | <b>of Non-Ag</b>            | <b>Households</b> | <b>County</b>               | <b>Non-Ag</b>         | <b>Households</b>     | <b>Population</b>     | <b>Personal</b>   | <b>Personal</b>   |
| <b>Employ.</b>                               | <b>NHT</b>                  | <b>Population</b> | <b>Employ.</b>              | <b>NHTA</b>           | <b>NPTA</b>           | <b>Income</b>         | <b>Income</b>     |                   |
| <b>NAG1</b>                                  |                             |                   | <b>NAGA</b>                 |                       |                       | <b>YPPC\$</b>         | <b>YPPC</b>       |                   |
| Apr-28                                       | 355,925                     | 206,276           | 542,520                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,600            |
| May-28                                       | 356,383                     | 206,590           | 543,294                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,516            |
| Jun-28                                       | 356,842                     | 206,905           | 544,068                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,432            |
| Jul-28                                       | 357,300                     | 207,220           | 544,068                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,348            |
| Aug-28                                       | 357,783                     | 207,539           | 544,860                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,259            |
| Sep-28                                       | 358,267                     | 207,858           | 545,651                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,171            |
| Oct-28                                       | 358,750                     | 208,177           | 546,443                     | 357,300               | 207,220               | 544,068               | 77,900            | 53,082            |
| Nov-28                                       | 359,233                     | 208,496           | 547,234                     | 357,300               | 207,220               | 544,068               | 77,900            | 52,994            |
| Dec-28                                       | 359,717                     | 208,815           | 548,026                     | 357,300               | 207,220               | 544,068               | 77,900            | 52,906            |
| Jan-29                                       | 360,200                     | 209,134           | 548,817                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,885            |
| Feb-29                                       | 360,683                     | 209,453           | 549,609                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,795            |
| Mar-29                                       | 361,167                     | 209,772           | 550,400                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,704            |
| Apr-29                                       | 361,650                     | 210,091           | 551,192                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,614            |
| May-29                                       | 362,133                     | 210,410           | 551,983                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,524            |
| Jun-29                                       | 362,617                     | 210,729           | 552,775                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,435            |
| Jul-29                                       | 363,100                     | 211,048           | 553,566                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,346            |
| Aug-29                                       | 363,625                     | 211,370           | 553,566                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,255            |
| Sep-29                                       | 364,150                     | 211,693           | 554,374                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,165            |
| Oct-29                                       | 364,675                     | 212,015           | 555,181                     | 363,100               | 211,048               | 553,566               | 80,830            | 54,075            |
| Nov-29                                       | 365,200                     | 212,337           | 555,989                     | 363,100               | 211,048               | 553,566               | 80,830            | 53,986            |
| Dec-29                                       | 365,725                     | 212,659           | 556,796                     | 363,100               | 211,048               | 553,566               | 80,830            | 53,897            |
| Jan-30                                       | 366,250                     | 212,982           | 557,604                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,922            |
| Feb-30                                       | 366,775                     | 213,304           | 558,411                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,830            |
| Mar-30                                       | 367,300                     | 213,626           | 559,219                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,738            |
| Apr-30                                       | 367,825                     | 213,948           | 560,026                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,647            |
| May-30                                       | 368,350                     | 214,271           | 560,834                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,556            |
| Jun-30                                       | 368,875                     | 214,593           | 561,641                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,465            |
| Jul-30                                       | 369,400                     | 214,915           | 562,449                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,374            |
| Aug-30                                       | 369,875                     | 215,243           | 563,256                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,284            |
| Sep-30                                       | 370,167                     | 215,570           | 563,256                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,194            |
| Oct-30                                       | 370,550                     | 215,898           | 564,070                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,104            |
| Nov-30                                       | 370,933                     | 216,225           | 564,884                     | 369,400               | 214,915               | 563,256               | 83,960            | 55,015            |
| Dec-30                                       | 371,317                     | 216,553           | 565,698                     | 369,400               | 214,915               | 563,256               | 83,960            | 54,926            |
| Jan-31                                       | 371,700                     | 216,881           | 566,511                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,837            |
| Feb-31                                       | 372,083                     | 217,208           | 567,325                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,748            |
| Mar-31                                       | 372,467                     | 217,536           | 568,139                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,660            |
| Apr-31                                       | 372,850                     | 217,863           | 568,953                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,572            |
| May-31                                       | 373,233                     | 218,191           | 569,767                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,484            |
| Jun-31                                       | 373,617                     | 218,518           | 570,581                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,397            |
| Jul-31                                       | 374,000                     | 218,846           | 571,394                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,310            |
| Aug-31                                       | 374,467                     | 219,175           | 572,208                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,223            |
| Sep-31                                       | 374,933                     | 219,504           | 573,022                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,136            |
| Oct-31                                       | 375,400                     | 219,833           | 573,022                     | 374,000               | 218,846               | 573,022               | 87,070            | 54,050            |
| Nov-31                                       | 375,867                     | 220,161           | 573,840                     | 374,000               | 218,846               | 573,022               | 87,070            | 53,964            |
| Dec-31                                       | 376,333                     | 220,490           | 574,658                     | 374,000               | 218,846               | 573,022               | 87,070            | 53,878            |
| Jan-32                                       | 376,800                     | 220,819           | 575,475                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,906            |
| Feb-32                                       | 377,267                     | 221,148           | 576,293                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,818            |
| Mar-32                                       | 377,733                     | 221,477           | 577,111                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,729            |
| Apr-32                                       | 378,200                     | 221,806           | 577,929                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,641            |
| May-32                                       | 378,667                     | 222,134           | 578,746                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,553            |
| Jun-32                                       | 379,133                     | 222,463           | 579,564                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,466            |
| Jul-32                                       | 379,600                     | 222,792           | 580,382                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,362            |
| Aug-32                                       | 380,075                     | 223,125           | 581,200                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,274            |
| Sep-32                                       | 380,550                     | 223,458           | 582,017                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,186            |
| Oct-32                                       | 381,025                     | 223,791           | 582,835                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,098            |
| Nov-32                                       | 381,500                     | 224,124           | 582,835                     | 379,600               | 222,792               | 582,835               | 90,360            | 55,011            |
| Dec-32                                       | 381,975                     | 224,457           | 583,657                     | 379,600               | 222,792               | 582,835               | 90,360            | 54,924            |

Forecast Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month  | Monthly Values of Exogenous Variables                         |  |   |  |   |   |                                  | Ada County<br>Nominal<br>Per Capita<br>Personal<br>Income<br>YPPC\$ | Ada County<br>(2003 \$)<br>Per Capita<br>Personal<br>Income<br>YPPC | Forecast<br>Data |
|--------|---|--|---|--|---|---|----------------------------------|---|---|------------------|
|        | Linear<br>Interpolation<br>Ada County<br>of Non-Ag<br>Employ. | Ada<br>County<br>Number of<br>Households | Linear<br>Interpolation<br>of Ada<br>County<br>Population | Annual<br>Average<br>Ada County<br>Non-Ag<br>Employ. | Annual<br>Average<br>Ada County<br>Households | Annual<br>Average<br>Ada County<br>Population | Ada County<br>Personal<br>Income |   |   |                  |
|        | NAG1  | NHT                                      | NPT1  | NAGA   | NHTA  | NPTA  | YPPC\$                           |   |   |                  |
|        |   |  |   |  |   |   |                                  |   |   |                  |
| Jan-33 | 382,450   | 224,791                                  | 584,479   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,992  |   |                  |
| Feb-33 | 382,925   | 225,124                                  | 585,301   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,902  |   |                  |
| Mar-33 | 383,400   | 225,457                                  | 586,123   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,812  |   |                  |
| Apr-33 | 383,875   | 225,790                                  | 586,945   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,723  |   |                  |
| May-33 | 384,350   | 226,123                                  | 587,768   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,634  |   |                  |
| Jun-33 | 384,825   | 226,456                                  | 588,590   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,545  |   |                  |
| Jul-33 | 385,300   | 226,789                                  | 589,412   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,456  |   |                  |
| Aug-33 | 385,792   | 227,124                                  | 590,234   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,365  |   |                  |
| Sep-33 | 386,283   | 227,459                                  | 591,056   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,274  |   |                  |
| Oct-33 | 386,775   | 227,794                                  | 591,878   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,184  |   |                  |
| Nov-33 | 387,267   | 228,129                                  | 592,700   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,093  |   |                  |
| Dec-33 | 387,758   | 228,464                                  | 592,700   | 385,300  | 226,789                                       | 592,700                                       | 93,900                           | 56,003  |   |                  |
| Jan-34 | 388,250   | 228,799                                  | 593,527   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 58,111  |   |                  |
| Feb-34 | 388,742   | 229,134                                  | 594,354   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 58,018  |   |                  |
| Mar-34 | 389,233   | 229,469                                  | 595,181   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,925  |   |                  |
| Apr-34 | 389,725   | 229,804                                  | 596,008   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,833  |   |                  |
| May-34 | 390,217   | 230,139                                  | 596,835   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,741  |   |                  |
| Jun-34 | 390,708   | 230,474                                  | 597,663   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,649  |   |                  |
| Jul-34 | 391,200   | 230,809                                  | 598,490   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,558  |   |                  |
| Aug-34 | 391,717   | 231,146                                  | 599,317   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,467  |   |                  |
| Sep-34 | 392,233   | 231,484                                  | 600,144   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,376  |   |                  |
| Oct-34 | 392,750   | 231,821                                  | 600,971   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,286  |   |                  |
| Nov-34 | 393,267   | 232,158                                  | 601,798   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,195  |   |                  |
| Dec-34 | 393,783   | 232,495                                  | 602,625   | 391,200  | 230,809                                       | 602,625                                       | 97,530                           | 57,105  |   |                  |
| Jan-35 | 394,300   | 232,833                                  | 612,605   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 61,585  |   |                  |
| Feb-35 | 394,817   | 233,170                                  | 613,447   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 61,489  |   |                  |
| Mar-35 | 395,333   | 233,507                                  | 614,288   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 61,392  |   |                  |
| Apr-35 | 395,850   | 233,844                                  | 615,130   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 61,296  |   |                  |
| May-35 | 396,367   | 234,182                                  | 615,972   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 61,201  |   |                  |
| Jun-35 | 396,883   | 234,519                                  | 616,813   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 61,105  |   |                  |
| Jul-35 | 397,400   | 234,856                                  | 617,655   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 60,993  |   |                  |
| Aug-35 | 397,900   | 235,197                                  | 618,497   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 60,880  |   |                  |
| Sep-35 | 398,400   | 235,538                                  | 619,338   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 60,769  |   |                  |
| Oct-35 | 398,900   | 235,880                                  | 620,180   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 60,657  |   |                  |
| Nov-35 | 399,400   | 236,221                                  | 621,022   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 60,546  |   |                  |
| Dec-35 | 399,900   | 236,562                                  | 621,863   | 397,400  | 234,856                                       | 612,605                                       | 101,440                          | 60,436  |   |                  |
| Jan-36 | 400,400   | 236,903                                  | 622,705   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,696  |   |                  |
| Feb-36 | 400,900   | 237,244                                  | 623,555   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,582  |   |                  |
| Mar-36 | 401,400   | 237,585                                  | 624,404   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,468  |   |                  |
| Apr-36 | 401,900   | 237,927                                  | 625,254   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,354  |   |                  |
| May-36 | 402,400   | 238,268                                  | 626,103   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,240  |   |                  |
| Jun-36 | 402,900   | 238,609                                  | 626,953   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,126  |   |                  |
| Jul-36 | 403,400   | 238,950                                  | 627,803   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 62,012  |   |                  |
| Aug-36 | 403,850   | 239,297                                  | 628,652   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 61,898  |   |                  |
| Sep-36 | 404,300   | 239,645                                  | 629,502   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 61,784  |   |                  |
| Oct-36 | 404,750   | 239,992                                  | 630,351   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 61,670  |   |                  |
| Nov-36 | 405,200   | 240,339                                  | 631,201   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 61,556  |   |                  |
| Dec-36 | 405,650   | 240,686                                  | 632,050   | 403,400  | 238,950                                       | 622,705                                       | 105,460                          | 61,442  |   |                  |
| Jan-37 | 406,100   | 241,034                                  | 632,900   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,831  |   |                  |
| Feb-37 | 406,550   | 241,381                                  | 632,900   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,717  |   |                  |
| Mar-37 | 407,000   | 241,728                                  | 633,756   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,603  |   |                  |
| Apr-37 | 407,450   | 242,075                                  | 634,612   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,489  |   |                  |
| May-37 | 407,900   | 242,423                                  | 635,468   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,375  |   |                  |
| Jun-37 | 408,350   | 242,770                                  | 636,323   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,261  |   |                  |
| Jul-37 | 408,800   | 243,117                                  | 637,179   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,147  |   |                  |
| Aug-37 | 409,292   | 243,467                                  | 638,035   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 65,033  |   |                  |
| Sep-37 | 409,783   | 243,817                                  | 638,891   | 408,800  | 243,117                                       | 632,900                                       | 109,480                          | 64,919  |   |                  |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month   | Monthly Values of Exogenous Variables |            |                      |                |                |                |            |            | Forecast Data |
|---------|---------------------------------------|------------|----------------------|----------------|----------------|----------------|------------|------------|---------------|
|         | Linear Interpolation                  | Ada County | Linear Interpolation | Annual Average | Annual Average | Annual Average | Ada County | Ada County |               |
|         | Ada County                            | Number of  | of Ada               | Ada County     | Ada County     | Ada County     | Per Capita | Per Capita |               |
|         | of Non-Ag                             | Households | County               | Non-Ag         | Households     | Population     | Personal   | Personal   |               |
| Employ. | NHT                                   | Population | Employ.              | NHTA           | NPTA           | Income         | Income     |            |               |
| NAG1    |                                       |            | NAGA                 |                |                | YPPC\$         | YPPC       |            |               |
| Oct-37  | 410,275                               | 244,167    | 639,747              | 408,800        | 243,117        | 632,900        | 109,480    | 63,610     |               |
| Nov-37  | 410,767                               | 244,517    | 640,603              | 408,800        | 243,117        | 632,900        | 109,480    | 63,333     |               |
| Dec-37  | 411,258                               | 244,867    | 641,458              | 408,800        | 243,117        | 632,900        | 109,480    | 63,057     |               |
| Jan-38  | 411,750                               | 245,217    | 642,314              | 414,700        | 247,316        | 643,170        | 113,860    | 69,122     |               |
| Feb-38  | 412,242                               | 245,566    | 643,170              | 414,700        | 247,316        | 643,170        | 113,860    | 68,996     |               |
| Mar-38  | 412,733                               | 245,916    | 643,170              | 414,700        | 247,316        | 643,170        | 113,860    | 68,871     |               |
| Apr-38  | 413,225                               | 246,266    | 644,032              | 414,700        | 247,316        | 643,170        | 113,860    | 68,567     |               |
| May-38  | 413,717                               | 246,616    | 644,894              | 414,700        | 247,316        | 643,170        | 113,860    | 68,266     |               |
| Jun-38  | 414,208                               | 246,966    | 645,756              | 414,700        | 247,316        | 643,170        | 113,860    | 67,967     |               |
| Jul-38  | 414,700                               | 247,316    | 646,618              | 414,700        | 247,316        | 643,170        | 113,860    | 67,671     |               |
| Aug-38  | 415,258                               | 247,668    | 647,480              | 414,700        | 247,316        | 643,170        | 113,860    | 67,376     |               |
| Sep-38  | 415,817                               | 248,020    | 648,342              | 414,700        | 247,316        | 643,170        | 113,860    | 67,083     |               |
| Oct-38  | 416,375                               | 248,371    | 649,204              | 414,700        | 247,316        | 643,170        | 113,860    | 66,790     |               |
| Nov-38  | 416,933                               | 248,723    | 650,066              | 414,700        | 247,316        | 643,170        | 113,860    | 66,499     |               |
| Dec-38  | 417,492                               | 249,075    | 650,928              | 414,700        | 247,316        | 643,170        | 113,860    | 66,210     |               |
| Jan-39  | 418,050                               | 249,427    | 651,790              | 421,400        | 251,537        | 653,514        | 118,560    | 72,578     |               |
| Feb-39  | 418,608                               | 249,778    | 652,652              | 421,400        | 251,537        | 653,514        | 118,560    | 72,446     |               |
| Mar-39  | 419,167                               | 250,130    | 653,514              | 421,400        | 251,537        | 653,514        | 118,560    | 72,315     |               |
| Apr-39  | 419,725                               | 250,482    | 653,514              | 421,400        | 251,537        | 653,514        | 118,560    | 71,995     |               |
| May-39  | 420,283                               | 250,834    | 654,384              | 421,400        | 251,537        | 653,514        | 118,560    | 71,679     |               |
| Jun-39  | 420,842                               | 251,185    | 655,254              | 421,400        | 251,537        | 653,514        | 118,560    | 71,365     |               |
| Jul-39  | 421,400                               | 251,537    | 656,125              | 421,400        | 251,537        | 653,514        | 118,560    | 71,054     |               |
| Aug-39  | 422,000                               | 251,882    | 656,995              | 421,400        | 251,537        | 653,514        | 118,560    | 70,745     |               |
| Sep-39  | 422,600                               | 252,227    | 657,865              | 421,400        | 251,537        | 653,514        | 118,560    | 70,437     |               |
| Oct-39  | 423,200                               | 252,572    | 658,735              | 421,400        | 251,537        | 653,514        | 118,560    | 70,130     |               |
| Nov-39  | 423,800                               | 252,917    | 659,605              | 421,400        | 251,537        | 653,514        | 118,560    | 69,824     |               |
| Dec-39  | 424,400                               | 253,262    | 660,475              | 421,400        | 251,537        | 653,514        | 118,560    | 69,520     |               |
| Jan-40  | 425,000                               | 253,607    | 661,346              | 428,600        | 255,676        | 663,956        | 123,630    | 76,207     |               |
| Feb-40  | 425,600                               | 253,951    | 662,216              | 428,600        | 255,676        | 663,956        | 123,630    | 76,069     |               |
| Mar-40  | 426,200                               | 254,296    | 663,086              | 428,600        | 255,676        | 663,956        | 123,630    | 75,930     |               |
| Apr-40  | 426,800                               | 254,641    | 663,956              | 428,600        | 255,676        | 663,956        | 123,630    | 75,595     |               |
| May-40  | 427,400                               | 254,986    | 663,956              | 428,600        | 255,676        | 663,956        | 123,630    | 75,263     |               |
| Jun-40  | 428,000                               | 255,331    | 664,841              | 428,600        | 255,676        | 663,956        | 123,630    | 74,934     |               |
| Jul-40  | 428,600                               | 255,676    | 665,727              | 428,600        | 255,676        | 663,956        | 123,630    | 74,607     |               |
| Aug-40  | 429,207                               | 256,038    | 666,612              | 428,600        | 255,676        | 663,956        | 123,630    | 74,282     |               |
| Sep-40  | 429,814                               | 256,400    | 667,497              | 428,600        | 255,676        | 663,956        | 123,630    | 73,959     |               |
| Oct-40  | 430,422                               | 256,763    | 668,382              | 428,600        | 255,676        | 663,956        | 123,630    | 73,636     |               |
| Nov-40  | 431,029                               | 257,125    | 669,268              | 428,600        | 255,676        | 663,956        | 123,630    | 73,315     |               |
| Dec-40  | 431,636                               | 257,487    | 670,153              | 428,600        | 255,676        | 663,956        | 123,630    | 72,996     |               |
| Jan-41  | 432,243                               | 257,849    | 671,038              | 435,886        | 260,022        | 674,579        | 128,946    | 80,018     |               |
| Feb-41  | 432,850                               | 258,211    | 671,923              | 435,886        | 260,022        | 674,579        | 128,946    | 79,872     |               |
| Mar-41  | 433,457                               | 258,574    | 672,809              | 435,886        | 260,022        | 674,579        | 128,946    | 79,727     |               |
| Apr-41  | 434,065                               | 258,936    | 673,694              | 435,886        | 260,022        | 674,579        | 128,946    | 79,375     |               |
| May-41  | 434,672                               | 259,298    | 674,579              | 435,886        | 260,022        | 674,579        | 128,946    | 79,026     |               |
| Jun-41  | 435,279                               | 259,660    | 674,579              | 435,886        | 260,022        | 674,579        | 128,946    | 78,680     |               |
| Jul-41  | 435,886                               | 260,022    | 675,479              | 435,886        | 260,022        | 674,579        | 128,946    | 78,338     |               |
| Aug-41  | 436,504                               | 260,391    | 676,378              | 435,886        | 260,022        | 674,579        | 128,946    | 77,996     |               |
| Sep-41  | 437,121                               | 260,759    | 677,278              | 435,886        | 260,022        | 674,579        | 128,946    | 77,656     |               |
| Oct-41  | 437,739                               | 261,128    | 678,177              | 435,886        | 260,022        | 674,579        | 128,946    | 77,318     |               |
| Nov-41  | 438,356                               | 261,496    | 679,076              | 435,886        | 260,022        | 674,579        | 128,946    | 76,981     |               |
| Dec-41  | 438,974                               | 261,864    | 679,976              | 435,886        | 260,022        | 674,579        | 128,946    | 76,646     |               |
| Jan-42  | 439,591                               | 262,233    | 680,875              | 443,296        | 264,443        | 685,373        | 134,491    | 84,018     |               |
| Feb-42  | 440,209                               | 262,601    | 681,775              | 443,296        | 264,443        | 685,373        | 134,491    | 83,866     |               |
| Mar-42  | 440,826                               | 262,969    | 682,674              | 443,296        | 264,443        | 685,373        | 134,491    | 83,713     |               |
| Apr-42  | 441,444                               | 263,338    | 683,574              | 443,296        | 264,443        | 685,373        | 134,491    | 83,344     |               |
| May-42  | 442,061                               | 263,706    | 684,473              | 443,296        | 264,443        | 685,373        | 134,491    | 82,977     |               |
| Jun-42  | 442,679                               | 264,075    | 685,373              | 443,296        | 264,443        | 685,373        | 134,491    | 82,614     |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month   | Monthly Values of Exogenous Variables |            |                      |                |                |                |            |            | Forecast Data |
|---------|---------------------------------------|------------|----------------------|----------------|----------------|----------------|------------|------------|---------------|
|         | Linear Interpolation                  | Ada County | Linear Interpolation | Annual Average | Annual Average | Annual Average | Ada County | Ada County |               |
|         | Ada County                            | Number of  | of Ada               | Ada County     | Ada County     | Ada County     | Per Capita | Per Capita |               |
|         | of Non-Ag                             | Households | County               | Non-Ag         | Households     | Population     | Personal   | Personal   |               |
| Employ. | NHT                                   | Population | Employ.              | NHTA           | NPTA           | Income         | Income     |            |               |
| NAG1    |                                       |            | NAGA                 |                |                | YPPC\$         | YPPC       |            |               |
| Jul-42  | 443,296                               | 264,443    | 685,373              | 443,296        | 264,443        | 685,373        | 134,491    | 82,254     |               |
| Aug-42  | 443,924                               | 264,818    | 686,286              | 443,296        | 264,443        | 685,373        | 134,491    | 81,896     |               |
| Sep-42  | 444,552                               | 265,192    | 687,200              | 443,296        | 264,443        | 685,373        | 134,491    | 81,539     |               |
| Oct-42  | 445,180                               | 265,567    | 688,114              | 443,296        | 264,443        | 685,373        | 134,491    | 81,184     |               |
| Nov-42  | 445,808                               | 265,941    | 689,028              | 443,296        | 264,443        | 685,373        | 134,491    | 80,830     |               |
| Dec-42  | 446,436                               | 266,316    | 689,942              | 443,296        | 264,443        | 685,373        | 134,491    | 80,478     |               |
| Jan-43  | 447,064                               | 266,691    | 690,856              | 450,832        | 268,938        | 696,339        | 140,274    | 88,219     |               |
| Feb-43  | 447,692                               | 267,065    | 691,769              | 450,832        | 268,938        | 696,339        | 140,274    | 88,059     |               |
| Mar-43  | 448,320                               | 267,440    | 692,683              | 450,832        | 268,938        | 696,339        | 140,274    | 87,899     |               |
| Apr-43  | 448,948                               | 267,815    | 693,597              | 450,832        | 268,938        | 696,339        | 140,274    | 87,511     |               |
| May-43  | 449,576                               | 268,189    | 694,511              | 450,832        | 268,938        | 696,339        | 140,274    | 87,126     |               |
| Jun-43  | 450,204                               | 268,564    | 695,425              | 450,832        | 268,938        | 696,339        | 140,274    | 86,745     |               |
| Jul-43  | 450,832                               | 268,938    | 696,339              | 450,832        | 268,938        | 696,339        | 140,274    | 86,367     |               |
| Aug-43  | 451,471                               | 269,319    | 696,339              | 450,832        | 268,938        | 696,339        | 140,274    | 85,991     |               |
| Sep-43  | 452,110                               | 269,700    | 697,296              | 450,832        | 268,938        | 696,339        | 140,274    | 85,616     |               |
| Oct-43  | 452,748                               | 270,081    | 698,253              | 450,832        | 268,938        | 696,339        | 140,274    | 85,243     |               |
| Nov-43  | 453,387                               | 270,462    | 699,211              | 450,832        | 268,938        | 696,339        | 140,274    | 84,872     |               |
| Dec-43  | 454,026                               | 270,843    | 700,168              | 450,832        | 268,938        | 696,339        | 140,274    | 84,502     |               |
| Jan-44  | 454,664                               | 271,224    | 701,126              | 458,496        | 273,510        | 707,828        | 146,306    | 92,630     |               |
| Feb-44  | 455,303                               | 271,605    | 702,083              | 458,496        | 273,510        | 707,828        | 146,306    | 92,462     |               |
| Mar-44  | 455,942                               | 271,986    | 703,041              | 458,496        | 273,510        | 707,828        | 146,306    | 92,294     |               |
| Apr-44  | 456,580                               | 272,367    | 703,998              | 458,496        | 273,510        | 707,828        | 146,306    | 91,886     |               |
| May-44  | 457,219                               | 272,748    | 704,956              | 458,496        | 273,510        | 707,828        | 146,306    | 91,483     |               |
| Jun-44  | 457,858                               | 273,129    | 705,913              | 458,496        | 273,510        | 707,828        | 146,306    | 91,082     |               |
| Jul-44  | 458,496                               | 273,510    | 706,871              | 458,496        | 273,510        | 707,828        | 146,306    | 90,685     |               |
| Aug-44  | 459,146                               | 273,898    | 707,828              | 458,496        | 273,510        | 707,828        | 146,306    | 90,290     |               |
| Sep-44  | 459,796                               | 274,285    | 707,828              | 458,496        | 273,510        | 707,828        | 146,306    | 89,897     |               |
| Oct-44  | 460,445                               | 274,673    | 708,801              | 458,496        | 273,510        | 707,828        | 146,306    | 89,505     |               |
| Nov-44  | 461,095                               | 275,060    | 709,775              | 458,496        | 273,510        | 707,828        | 146,306    | 89,115     |               |
| Dec-44  | 461,744                               | 275,448    | 710,748              | 458,496        | 273,510        | 707,828        | 146,306    | 88,727     |               |
| Jan-45  | 462,394                               | 275,835    | 711,721              | 466,291        | 278,160        | 719,507        | 152,597    | 97,262     |               |
| Feb-45  | 463,043                               | 276,223    | 712,694              | 466,291        | 278,160        | 719,507        | 152,597    | 97,085     |               |
| Mar-45  | 463,693                               | 276,610    | 713,668              | 466,291        | 278,160        | 719,507        | 152,597    | 96,909     |               |
| Apr-45  | 464,342                               | 276,998    | 714,641              | 466,291        | 278,160        | 719,507        | 152,597    | 96,481     |               |
| May-45  | 464,992                               | 277,385    | 715,614              | 466,291        | 278,160        | 719,507        | 152,597    | 96,057     |               |
| Jun-45  | 465,641                               | 277,773    | 716,587              | 466,291        | 278,160        | 719,507        | 152,597    | 95,636     |               |
| Jul-45  | 466,291                               | 278,160    | 717,561              | 466,291        | 278,160        | 719,507        | 152,597    | 95,220     |               |
| Aug-45  | 466,951                               | 278,554    | 718,534              | 466,291        | 278,160        | 719,507        | 152,597    | 94,805     |               |
| Sep-45  | 467,612                               | 278,948    | 719,507              | 466,291        | 278,160        | 719,507        | 152,597    | 94,392     |               |
| Oct-45  | 468,273                               | 279,342    | 719,507              | 466,291        | 278,160        | 719,507        | 152,597    | 93,981     |               |
| Nov-45  | 468,933                               | 279,736    | 720,497              | 466,291        | 278,160        | 719,507        | 152,597    | 93,571     |               |
| Dec-45  | 469,594                               | 280,130    | 721,486              | 466,291        | 278,160        | 719,507        | 152,597    | 93,164     |               |
| Jan-46  | 470,254                               | 280,524    | 722,475              | 474,218        | 282,889        | 731,379        | 159,158    | 102,125    |               |
| Feb-46  | 470,915                               | 280,918    | 723,465              | 474,218        | 282,889        | 731,379        | 159,158    | 101,939    |               |
| Mar-46  | 471,576                               | 281,313    | 724,454              | 474,218        | 282,889        | 731,379        | 159,158    | 101,754    |               |
| Apr-46  | 472,236                               | 281,707    | 725,443              | 474,218        | 282,889        | 731,379        | 159,158    | 101,305    |               |
| May-46  | 472,897                               | 282,101    | 726,433              | 474,218        | 282,889        | 731,379        | 159,158    | 100,860    |               |
| Jun-46  | 473,557                               | 282,495    | 727,422              | 474,218        | 282,889        | 731,379        | 159,158    | 100,418    |               |
| Jul-46  | 474,218                               | 282,889    | 728,411              | 474,218        | 282,889        | 731,379        | 159,158    | 99,981     |               |
| Aug-46  | 474,890                               | 283,290    | 729,401              | 474,218        | 282,889        | 731,379        | 159,158    | 99,545     |               |
| Sep-46  | 475,561                               | 283,690    | 730,390              | 474,218        | 282,889        | 731,379        | 159,158    | 99,111     |               |
| Oct-46  | 476,233                               | 284,091    | 731,379              | 474,218        | 282,889        | 731,379        | 159,158    | 98,680     |               |
| Nov-46  | 476,905                               | 284,492    | 731,379              | 474,218        | 282,889        | 731,379        | 159,158    | 98,250     |               |
| Dec-46  | 477,577                               | 284,893    | 732,385              | 474,218        | 282,889        | 731,379        | 159,158    | 97,822     |               |
| Jan-47  | 478,249                               | 285,293    | 733,390              | 482,280        | 287,698        | 743,447        | 166,002    | 107,231    |               |
| Feb-47  | 478,920                               | 285,694    | 734,396              | 482,280        | 287,698        | 743,447        | 166,002    | 107,036    |               |
| Mar-47  | 479,592                               | 286,095    | 735,402              | 482,280        | 287,698        | 743,447        | 166,002    | 106,842    |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| Month   | Monthly Values of Exogenous Variables |            |                      |                |                |                |            |            | Forecast Data |
|---------|---------------------------------------|------------|----------------------|----------------|----------------|----------------|------------|------------|---------------|
|         | Linear Interpolation                  | Ada County | Linear Interpolation | Annual Average | Annual Average | Annual Average | Ada County | Ada County |               |
|         | Ada County                            | Number of  | of Ada               | Ada County     | Ada County     | Ada County     | Per Capita | Per Capita |               |
|         | of Non-Ag                             | Households | County               | Non-Ag         | Households     | Population     | Personal   | Personal   |               |
| Employ. | NHT                                   | Population | Employ.              | NHTA           | NPTA           | Income         | Income     |            |               |
| NAG1    |                                       |            | NAGA                 |                |                | YPPC\$         | YPPC       |            |               |
| Apr-47  | 480,264                               | 286,496    | 736,407              | 482,280        | 287,698        | 743,447        | 166,002    | 106,370    |               |
| May-47  | 480,936                               | 286,896    | 737,413              | 482,280        | 287,698        | 743,447        | 166,002    | 105,903    |               |
| Jun-47  | 481,608                               | 287,297    | 738,419              | 482,280        | 287,698        | 743,447        | 166,002    | 105,439    |               |
| Jul-47  | 482,280                               | 287,698    | 739,424              | 482,280        | 287,698        | 743,447        | 166,002    | 104,980    |               |
| Aug-47  | 482,963                               | 288,105    | 740,430              | 482,280        | 287,698        | 743,447        | 166,002    | 104,522    |               |
| Sep-47  | 483,646                               | 288,513    | 741,436              | 482,280        | 287,698        | 743,447        | 166,002    | 104,067    |               |
| Oct-47  | 484,329                               | 288,921    | 742,441              | 482,280        | 287,698        | 743,447        | 166,002    | 103,614    |               |
| Nov-47  | 485,012                               | 289,328    | 743,447              | 482,280        | 287,698        | 743,447        | 166,002    | 103,162    |               |
| Dec-47  | 485,696                               | 289,736    | 744,469              | 482,280        | 287,698        | 743,447        | 166,002    | 102,713    |               |
| Jan-48  | 486,379                               | 290,143    | 745,491              | 490,478        | 292,589        | 755,714        | 173,140    | 112,593    |               |
| Feb-48  | 487,062                               | 290,551    | 746,514              | 490,478        | 292,589        | 755,714        | 173,140    | 112,388    |               |
| Mar-48  | 487,745                               | 290,958    | 747,536              | 490,478        | 292,589        | 755,714        | 173,140    | 112,184    |               |
| Apr-48  | 488,429                               | 291,366    | 748,558              | 490,478        | 292,589        | 755,714        | 173,140    | 111,689    |               |
| May-48  | 489,112                               | 291,774    | 749,580              | 490,478        | 292,589        | 755,714        | 173,140    | 111,198    |               |
| Jun-48  | 489,795                               | 292,181    | 750,603              | 490,478        | 292,589        | 755,714        | 173,140    | 110,711    |               |
| Jul-48  | 490,478                               | 292,589    | 751,625              | 490,478        | 292,589        | 755,714        | 173,140    | 110,229    |               |
| Aug-48  | 491,132                               | 293,003    | 752,647              | 490,478        | 292,589        | 755,714        | 173,140    | 109,749    |               |
| Sep-48  | 491,786                               | 293,418    | 753,669              | 490,478        | 292,589        | 755,714        | 173,140    | 109,270    |               |
| Oct-48  | 492,440                               | 293,832    | 754,692              | 490,478        | 292,589        | 755,714        | 173,140    | 108,794    |               |
| Nov-48  | 493,094                               | 294,247    | 755,714              | 490,478        | 292,589        | 755,714        | 173,140    | 108,320    |               |
| Dec-48  | 493,748                               | 294,661    | 755,714              | 490,478        | 292,589        | 755,714        | 173,140    | 107,848    |               |
| Jan-49  | 494,402                               | 295,076    | 756,753              | 498,326        | 297,563        | 768,183        | 180,585    | 118,222    |               |
| Feb-49  | 495,056                               | 295,490    | 757,792              | 498,326        | 297,563        | 768,183        | 180,585    | 118,007    |               |
| Mar-49  | 495,710                               | 295,905    | 758,831              | 498,326        | 297,563        | 768,183        | 180,585    | 117,793    |               |
| Apr-49  | 496,364                               | 296,319    | 759,870              | 498,326        | 297,563        | 768,183        | 180,585    | 117,273    |               |
| May-49  | 497,018                               | 296,734    | 760,909              | 498,326        | 297,563        | 768,183        | 180,585    | 116,758    |               |
| Jun-49  | 497,672                               | 297,148    | 761,948              | 498,326        | 297,563        | 768,183        | 180,585    | 116,247    |               |
| Jul-49  | 498,326                               | 297,563    | 762,988              | 498,326        | 297,563        | 768,183        | 180,585    | 115,740    |               |
| Aug-49  | 498,990                               | 297,984    | 764,027              | 498,326        | 297,563        | 768,183        | 180,585    | 115,236    |               |
| Sep-49  | 499,655                               | 298,406    | 765,066              | 498,326        | 297,563        | 768,183        | 180,585    | 114,734    |               |
| Oct-49  | 500,319                               | 298,827    | 766,105              | 498,326        | 297,563        | 768,183        | 180,585    | 114,234    |               |
| Nov-49  | 500,984                               | 299,249    | 767,144              | 498,326        | 297,563        | 768,183        | 180,585    | 113,736    |               |
| Dec-49  | 501,648                               | 299,670    | 768,183              | 498,326        | 297,563        | 768,183        | 180,585    | 113,241    |               |
| Jan-50  | 502,313                               | 300,092    | 780,858              | 506,299        | 302,621        | 780,858        | 188,351    | 124,133    |               |
| Feb-50  | 502,977                               | 300,514    | 781,932              | 506,299        | 302,621        | 780,858        | 188,351    | 123,908    |               |
| Mar-50  | 503,641                               | 300,935    | 783,005              | 506,299        | 302,621        | 780,858        | 188,351    | 123,683    |               |
| Apr-50  | 504,306                               | 301,357    | 784,079              | 506,299        | 302,621        | 780,858        | 188,351    | 123,137    |               |
| May-50  | 504,970                               | 301,778    | 785,153              | 506,299        | 302,621        | 780,858        | 188,351    | 122,595    |               |
| Jun-50  | 505,635                               | 302,200    | 786,226              | 506,299        | 302,621        | 780,858        | 188,351    | 122,059    |               |
| Jul-50  | 506,299                               | 302,621    | 787,300              | 506,299        | 302,621        | 780,858        | 188,351    | 121,527    |               |
| Aug-50  | 506,974                               | 303,050    | 788,374              | 506,299        | 302,621        | 780,858        | 188,351    | 120,998    |               |
| Sep-50  | 507,649                               | 303,479    | 789,448              | 506,299        | 302,621        | 780,858        | 188,351    | 120,471    |               |
| Oct-50  | 508,324                               | 303,907    | 790,521              | 506,299        | 302,621        | 780,858        | 188,351    | 119,946    |               |
| Nov-50  | 508,999                               | 304,336    | 791,595              | 506,299        | 302,621        | 780,858        | 188,351    | 119,423    |               |
| Dec-50  | 509,674                               | 304,765    | 792,669              | 506,299        | 302,621        | 780,858        | 188,351    | 118,903    |               |
| Jan-51  | 510,350                               | 305,194    | 793,742              | 514,400        | 307,766        | 793,742        | 196,450    | 130,340    |               |
| Feb-51  | 511,025                               | 305,622    | 793,742              | 514,400        | 307,766        | 793,742        | 196,450    | 130,103    |               |
| Mar-51  | 511,700                               | 306,051    | 794,834              | 514,400        | 307,766        | 793,742        | 196,450    | 129,867    |               |
| Apr-51  | 512,375                               | 306,480    | 795,925              | 514,400        | 307,766        | 793,742        | 196,450    | 129,293    |               |
| May-51  | 513,050                               | 306,908    | 797,016              | 514,400        | 307,766        | 793,742        | 196,450    | 128,725    |               |
| Jun-51  | 513,725                               | 307,337    | 798,108              | 514,400        | 307,766        | 793,742        | 196,450    | 128,162    |               |
| Jul-51  | 514,400                               | 307,766    | 799,199              | 514,400        | 307,766        | 793,742        | 196,450    | 127,604    |               |
| Aug-51  | 515,086                               | 308,202    | 800,291              | 514,400        | 307,766        | 793,742        | 196,450    | 127,048    |               |
| Sep-51  | 515,772                               | 308,638    | 801,382              | 514,400        | 307,766        | 793,742        | 196,450    | 126,494    |               |
| Oct-51  | 516,458                               | 309,074    | 802,473              | 514,400        | 307,766        | 793,742        | 196,450    | 125,943    |               |
| Nov-51  | 517,143                               | 309,510    | 803,565              | 514,400        | 307,766        | 793,742        | 196,450    | 125,394    |               |
| Dec-51  | 517,829                               | 309,946    | 804,656              | 514,400        | 307,766        | 793,742        | 196,450    | 124,848    |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u>   | <u>Monthly Values of Exogenous Variables</u> |                   |                      |                   |                   |                   |                   | Forecast<br>Data |                   |
|----------------|--|-------------------|----------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
|                | <u>Linear</u>                                | <u>Ada</u>        | <u>Linear</u>        | <u>Annual</u>     | <u>Annual</u>     | <u>Annual</u>     | <u>Ada County</u> |                  | <u>Ada County</u> |
|                | <u>Interpolation</u>                         | <u>County</u>     | <u>Interpolation</u> | <u>Average</u>    | <u>Average</u>    | <u>Average</u>    | <u>Nominal</u>    |                  | <u>(2003 \$)</u>  |
|                | <u>of Non-Ag</u>                             | <u>Number of</u>  | <u>of Ada</u>        | <u>Ada County</u> | <u>Ada County</u> | <u>Ada County</u> | <u>Per Capita</u> |                  | <u>Per Capita</u> |
| <u>Employ.</u> | <u>Households</u>                            | <u>County</u>     | <u>Non-Ag</u>        | <u>Households</u> | <u>Population</u> | <u>Income</u>     | <u>Income</u>     |                  |                   |
| <u>NAG1</u>    | <u>NHT</u>                                   | <u>Population</u> | <u>Employ.</u>       | <u>NHTA</u>       | <u>NPTA</u>       | <u>YPPC\$</u>     | <u>YPPC</u>       |                  |                   |
|                |  | <u>NPT1</u>       | <u>NAGA</u>          |                   |                   |                   |                   |                  |                   |
| Jan-52         | 518,515                                      | 310,382           | 805,748              | 522,630           | 312,998           | 806,839           | 204,897           | 136,857          |                   |
| Feb-52         | 519,201                                      | 310,818           | 806,839              | 522,630           | 312,998           | 806,839           | 204,897           | 136,608          |                   |
| Mar-52         | 519,887                                      | 311,254           | 806,839              | 522,630           | 312,998           | 806,839           | 204,897           | 136,360          |                   |
| Apr-52         | 520,573                                      | 311,690           | 807,948              | 522,630           | 312,998           | 806,839           | 204,897           | 135,758          |                   |
| May-52         | 521,259                                      | 312,126           | 809,058              | 522,630           | 312,998           | 806,839           | 204,897           | 135,161          |                   |
| Jun-52         | 521,944                                      | 312,562           | 810,167              | 522,630           | 312,998           | 806,839           | 204,897           | 134,570          |                   |
| Jul-52         | 522,630                                      | 312,998           | 811,277              | 522,630           | 312,998           | 806,839           | 204,897           | 133,984          |                   |
| Aug-52         | 523,327                                      | 313,441           | 812,386              | 522,630           | 312,998           | 806,839           | 204,897           | 133,400          |                   |
| Sep-52         | 524,024                                      | 313,885           | 813,495              | 522,630           | 312,998           | 806,839           | 204,897           | 132,819          |                   |
| Oct-52         | 524,721                                      | 314,328           | 814,605              | 522,630           | 312,998           | 806,839           | 204,897           | 132,240          |                   |
| Nov-52         | 525,418                                      | 314,772           | 815,714              | 522,630           | 312,998           | 806,839           | 204,897           | 131,664          |                   |
| Dec-52         | 526,115                                      | 315,215           | 816,824              | 522,630           | 312,998           | 806,839           | 204,897           | 131,090          |                   |
| Jan-53         | 526,811                                      | 315,658           | 817,933              | 530,992           | 318,319           | 820,152           | 213,708           | 143,700          |                   |
| Feb-53         | 527,508                                      | 316,102           | 819,042              | 530,992           | 318,319           | 820,152           | 213,708           | 143,439          |                   |
| Mar-53         | 528,205                                      | 316,545           | 820,152              | 530,992           | 318,319           | 820,152           | 213,708           | 143,178          |                   |
| Apr-53         | 528,902                                      | 316,989           | 820,152              | 530,992           | 318,319           | 820,152           | 213,708           | 142,546          |                   |
| May-53         | 529,599                                      | 317,432           | 821,280              | 530,992           | 318,319           | 820,152           | 213,708           | 141,920          |                   |
| Jun-53         | 530,296                                      | 317,875           | 822,407              | 530,992           | 318,319           | 820,152           | 213,708           | 141,299          |                   |
| Jul-53         | 530,992                                      | 318,319           | 823,535              | 530,992           | 318,319           | 820,152           | 213,708           | 140,683          |                   |
| Aug-53         | 531,700                                      | 318,770           | 824,663              | 530,992           | 318,319           | 820,152           | 213,708           | 140,070          |                   |
| Sep-53         | 532,408                                      | 319,221           | 825,790              | 530,992           | 318,319           | 820,152           | 213,708           | 139,460          |                   |
| Oct-53         | 533,116                                      | 319,672           | 826,918              | 530,992           | 318,319           | 820,152           | 213,708           | 138,852          |                   |
| Nov-53         | 533,824                                      | 320,123           | 828,046              | 530,992           | 318,319           | 820,152           | 213,708           | 138,247          |                   |
| Dec-53         | 534,532                                      | 320,574           | 829,173              | 530,992           | 318,319           | 820,152           | 213,708           | 137,645          |                   |
| Jan-54         | 535,240                                      | 321,025           | 830,301              | 539,488           | 323,730           | 833,684           | 222,897           | 150,885          |                   |
| Feb-54         | 535,948                                      | 321,476           | 831,429              | 539,488           | 323,730           | 833,684           | 222,897           | 150,611          |                   |
| Mar-54         | 536,656                                      | 321,926           | 832,557              | 539,488           | 323,730           | 833,684           | 222,897           | 150,337          |                   |
| Apr-54         | 537,364                                      | 322,377           | 833,684              | 539,488           | 323,730           | 833,684           | 222,897           | 149,673          |                   |
| May-54         | 538,072                                      | 322,828           | 833,684              | 539,488           | 323,730           | 833,684           | 222,897           | 149,016          |                   |
| Jun-54         | 538,780                                      | 323,279           | 834,831              | 539,488           | 323,730           | 833,684           | 222,897           | 148,363          |                   |
| Jul-54         | 539,488                                      | 323,730           | 835,977              | 539,488           | 323,730           | 833,684           | 222,897           | 147,717          |                   |
| Aug-54         | 540,208                                      | 324,202           | 837,123              | 539,488           | 323,730           | 833,684           | 222,897           | 147,074          |                   |
| Sep-54         | 540,927                                      | 324,674           | 838,270              | 539,488           | 323,730           | 833,684           | 222,897           | 146,433          |                   |
| Oct-54         | 541,646                                      | 325,147           | 839,416              | 539,488           | 323,730           | 833,684           | 222,897           | 145,795          |                   |
| Nov-54         | 542,366                                      | 325,619           | 840,562              | 539,488           | 323,730           | 833,684           | 222,897           | 145,160          |                   |
| Dec-54         | 543,085                                      | 326,091           | 841,709              | 539,488           | 323,730           | 833,684           | 222,897           | 144,527          |                   |
| Jan-55         | 543,804                                      | 326,563           | 842,855              | 548,120           | 329,396           | 847,440           | 232,482           | 158,429          |                   |
| Feb-55         | 544,524                                      | 327,035           | 844,001              | 548,120           | 329,396           | 847,440           | 232,482           | 158,141          |                   |
| Mar-55         | 545,243                                      | 327,507           | 845,147              | 548,120           | 329,396           | 847,440           | 232,482           | 157,854          |                   |
| Apr-55         | 545,962                                      | 327,979           | 846,294              | 548,120           | 329,396           | 847,440           | 232,482           | 157,157          |                   |
| May-55         | 546,681                                      | 328,451           | 847,440              | 548,120           | 329,396           | 847,440           | 232,482           | 156,466          |                   |
| Jun-55         | 547,401                                      | 328,923           | 847,440              | 548,120           | 329,396           | 847,440           | 232,482           | 155,782          |                   |
| Jul-55         | 548,120                                      | 329,396           | 848,605              | 548,120           | 329,396           | 847,440           | 232,482           | 155,103          |                   |
| Aug-55         | 548,851                                      | 329,876           | 849,771              | 548,120           | 329,396           | 847,440           | 232,482           | 154,427          |                   |
| Sep-55         | 549,582                                      | 330,356           | 850,936              | 548,120           | 329,396           | 847,440           | 232,482           | 153,754          |                   |
| Oct-55         | 550,313                                      | 330,837           | 852,101              | 548,120           | 329,396           | 847,440           | 232,482           | 153,085          |                   |
| Nov-55         | 551,043                                      | 331,317           | 853,266              | 548,120           | 329,396           | 847,440           | 232,482           | 152,418          |                   |
| Dec-55         | 551,774                                      | 331,797           | 854,431              | 548,120           | 329,396           | 847,440           | 232,482           | 151,754          |                   |
| Jan-56         | 552,505                                      | 332,278           | 855,597              | 556,890           | 335,160           | 861,423           | 242,478           | 166,351          |                   |
| Feb-56         | 553,236                                      | 332,758           | 856,762              | 556,890           | 335,160           | 861,423           | 242,478           | 166,048          |                   |
| Mar-56         | 553,967                                      | 333,238           | 857,927              | 556,890           | 335,160           | 861,423           | 242,478           | 165,747          |                   |
| Apr-56         | 554,698                                      | 333,719           | 859,092              | 556,890           | 335,160           | 861,423           | 242,478           | 165,015          |                   |
| May-56         | 555,428                                      | 334,199           | 860,258              | 556,890           | 335,160           | 861,423           | 242,478           | 164,290          |                   |
| Jun-56         | 556,159                                      | 334,680           | 861,423              | 556,890           | 335,160           | 861,423           | 242,478           | 163,571          |                   |
| Jul-56         | 556,890                                      | 335,160           | 861,423              | 556,890           | 335,160           | 861,423           | 242,478           | 162,858          |                   |
| Aug-56         | 557,633                                      | 335,649           | 862,607              | 556,890           | 335,160           | 861,423           | 242,478           | 162,149          |                   |
| Sep-56         | 558,375                                      | 336,138           | 863,792              | 556,890           | 335,160           | 861,423           | 242,478           | 161,442          |                   |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <b>Monthly Values of Exogenous Variables</b> |                             |                   |                             |                       |                       |                       |                   |                   |
|--|-----------------------------|-------------------|-----------------------------|-----------------------|-----------------------|-----------------------|-------------------|-------------------|
| <b>Month</b>                                 | <b>Linear Interpolation</b> | <b>Ada County</b> | <b>Linear Interpolation</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Annual Average</b> | <b>Ada County</b> | <b>Ada County</b> |
|  | <b>of Non-Ag</b>            | <b>Number of</b>  | <b>of Ada</b>               | <b>Ada County</b>     | <b>Ada County</b>     | <b>Ada County</b>     | <b>Per Capita</b> | <b>Per Capita</b> |
|  | <b>Employ.</b>              | <b>Households</b> | <b>County</b>               | <b>Non-Ag</b>         | <b>Non-Ag</b>         | <b>Population</b>     | <b>Personal</b>   | <b>Personal</b>   |
|  | <b>NAG1</b>                 | <b>NHT</b>        | <b>NPT1</b>                 | <b>NAGA</b>           | <b>NHTA</b>           | <b>NPTA</b>           | <b>YPPC\$</b>     | <b>YPPC</b>       |
| Oct-56                                       | 559,118                     | 336,626           | 864,976                     | 556,890               | 335,160               | 861,423               | 242,478           | 160,739           |
| Nov-56                                       | 559,860                     | 337,115           | 866,161                     | 556,890               | 335,160               | 861,423               | 242,478           | 160,039           |
| Dec-56                                       | 560,603                     | 337,604           | 867,345                     | 556,890               | 335,160               | 861,423               | 242,478           | 159,341           |
| Jan-57                                       | 561,345                     | 338,093           | 868,530                     | 565,800               | 341,025               | 875,636               | 252,905           | 174,668           |
| Feb-57                                       | 562,088                     | 338,581           | 869,714                     | 565,800               | 341,025               | 875,636               | 252,905           | 174,351           |
| Mar-57                                       | 562,830                     | 339,070           | 870,899                     | 565,800               | 341,025               | 875,636               | 252,905           | 174,034           |
| Apr-57                                       | 563,573                     | 339,559           | 872,083                     | 565,800               | 341,025               | 875,636               | 252,905           | 173,266           |
| May-57                                       | 564,315                     | 340,048           | 873,267                     | 565,800               | 341,025               | 875,636               | 252,905           | 172,504           |
| Jun-57                                       | 565,058                     | 340,536           | 874,452                     | 565,800               | 341,025               | 875,636               | 252,905           | 171,749           |
| Jul-57                                       | 565,800                     | 341,025           | 875,636                     | 565,800               | 341,025               | 875,636               | 252,905           | 171,001           |
| Aug-57                                       | 566,555                     | 341,523           | 875,636                     | 565,800               | 341,025               | 875,636               | 252,905           | 170,256           |
| Sep-57                                       | 567,309                     | 342,020           | 876,840                     | 565,800               | 341,025               | 875,636               | 252,905           | 169,514           |
| Oct-57                                       | 568,063                     | 342,517           | 878,044                     | 565,800               | 341,025               | 875,636               | 252,905           | 168,776           |
| Nov-57                                       | 568,818                     | 343,015           | 879,248                     | 565,800               | 341,025               | 875,636               | 252,905           | 168,040           |
| Dec-57                                       | 569,572                     | 343,512           | 880,452                     | 565,800               | 341,025               | 875,636               | 252,905           | 167,308           |
| Jan-58                                       | 570,327                     | 344,009           | 881,656                     | 574,853               | 346,993               | 890,084               | 263,780           | 183,402           |
| Feb-58                                       | 571,081                     | 344,507           | 882,860                     | 574,853               | 346,993               | 890,084               | 263,780           | 183,068           |
| Mar-58                                       | 571,835                     | 345,004           | 884,064                     | 574,853               | 346,993               | 890,084               | 263,780           | 182,736           |
| Apr-58                                       | 572,590                     | 345,501           | 885,268                     | 574,853               | 346,993               | 890,084               | 263,780           | 181,929           |
| May-58                                       | 573,344                     | 345,999           | 886,472                     | 574,853               | 346,993               | 890,084               | 263,780           | 181,129           |
| Jun-58                                       | 574,099                     | 346,496           | 887,676                     | 574,853               | 346,993               | 890,084               | 263,780           | 180,337           |
| Jul-58                                       | 574,853                     | 346,993           | 888,880                     | 574,853               | 346,993               | 890,084               | 263,780           | 179,551           |
| Aug-58                                       | 575,620                     | 347,499           | 890,084                     | 574,853               | 346,993               | 890,084               | 263,780           | 178,769           |
| Sep-58                                       | 576,386                     | 348,005           | 891,308                     | 574,853               | 346,993               | 890,084               | 263,780           | 177,990           |
| Oct-58                                       | 577,153                     | 348,511           | 892,532                     | 574,853               | 346,993               | 890,084               | 263,780           | 177,215           |
| Nov-58                                       | 577,919                     | 349,017           | 893,756                     | 574,853               | 346,993               | 890,084               | 263,780           | 176,442           |
| Dec-58                                       | 578,685                     | 349,523           | 894,980                     | 574,853               | 346,993               | 890,084               | 263,780           | 175,674           |
| Jan-59                                       | 579,452                     | 350,029           | 896,204                     | 584,051               | 353,066               | 904,771               | 275,122           | 192,572           |
| Feb-59                                       | 580,218                     | 350,535           | 897,428                     | 584,051               | 353,066               | 904,771               | 275,122           | 192,221           |
| Mar-59                                       | 580,985                     | 351,041           | 898,651                     | 584,051               | 353,066               | 904,771               | 275,122           | 191,872           |
| Apr-59                                       | 581,751                     | 351,547           | 899,875                     | 584,051               | 353,066               | 904,771               | 275,122           | 191,025           |
| May-59                                       | 582,518                     | 352,054           | 901,099                     | 584,051               | 353,066               | 904,771               | 275,122           | 190,186           |
| Jun-59                                       | 583,284                     | 352,560           | 902,323                     | 584,051               | 353,066               | 904,771               | 275,122           | 189,354           |
| Jul-59                                       | 584,051                     | 353,066           | 903,547                     | 584,051               | 353,066               | 904,771               | 275,122           | 188,529           |
| Aug-59                                       | 584,829                     | 353,580           | 904,771                     | 584,051               | 353,066               | 904,771               | 275,122           | 187,707           |
| Sep-59                                       | 585,608                     | 354,095           | 904,771                     | 584,051               | 353,066               | 904,771               | 275,122           | 186,889           |
| Oct-59                                       | 586,387                     | 354,610           | 906,120                     | 584,051               | 353,066               | 904,771               | 275,122           | 186,075           |
| Nov-59                                       | 587,166                     | 355,125           | 907,470                     | 584,051               | 353,066               | 904,771               | 275,122           | 185,265           |
| Dec-59                                       | 587,944                     | 355,640           | 908,819                     | 584,051               | 353,066               | 904,771               | 275,122           | 184,457           |
| Jan-60                                       | 588,723                     | 356,155           | 910,169                     | 593,396               | 359,244               | 919,699               | 286,953           | 202,200           |
| Feb-60                                       | 589,502                     | 356,670           | 911,518                     | 593,396               | 359,244               | 919,699               | 286,953           | 201,832           |
| Mar-60                                       | 590,281                     | 357,185           | 912,867                     | 593,396               | 359,244               | 919,699               | 286,953           | 201,466           |
| Apr-60                                       | 591,059                     | 357,700           | 914,217                     | 593,396               | 359,244               | 919,699               | 286,953           | 200,577           |
| May-60                                       | 591,838                     | 358,214           | 915,566                     | 593,396               | 359,244               | 919,699               | 286,953           | 199,695           |
| Jun-60                                       | 592,617                     | 358,729           | 916,916                     | 593,396               | 359,244               | 919,699               | 286,953           | 198,821           |
| Jul-60                                       | 593,396                     | 359,244           | 918,265                     | 593,396               | 359,244               | 919,699               | 286,953           | 197,955           |
| Aug-60                                       | 594,187                     | 359,768           | 919,699                     | 593,396               | 359,244               | 919,699               | 286,953           | 197,093           |
| Sep-60                                       | 594,978                     | 360,292           | 920,964                     | 593,396               | 359,244               | 919,699               | 286,953           | 196,234           |
| Oct-60                                       | 595,769                     | 360,816           | 922,229                     | 593,396               | 359,244               | 919,699               | 286,953           | 195,379           |
| Nov-60                                       | 596,560                     | 361,340           | 923,493                     | 593,396               | 359,244               | 919,699               | 286,953           | 194,528           |
| Dec-60                                       | 597,352                     | 361,864           | 924,758                     | 593,396               | 359,244               | 919,699               | 286,953           | 193,680           |
| Jan-61                                       | 598,143                     | 362,388           | 926,022                     | 602,890               | 365,531               | 934,875               | 299,291           | 212,310           |
| Feb-61                                       | 598,934                     | 362,912           | 927,287                     | 602,890               | 365,531               | 934,875               | 299,291           | 211,924           |
| Mar-61                                       | 599,725                     | 363,435           | 928,552                     | 602,890               | 365,531               | 934,875               | 299,291           | 211,539           |
| Apr-61                                       | 600,516                     | 363,959           | 929,816                     | 602,890               | 365,531               | 934,875               | 299,291           | 210,605           |
| May-61                                       | 601,307                     | 364,483           | 931,081                     | 602,890               | 365,531               | 934,875               | 299,291           | 209,680           |
| Jun-61                                       | 602,099                     | 365,007           | 932,345                     | 602,890               | 365,531               | 934,875               | 299,291           | 208,762           |

Forecast  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u>     | <u>Monthly Values of Exogenous Variables</u> |                   |                      |                   |                   |                   | <u>Ada County</u> | <u>Ada County</u> |
|------------------|--|-------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                  | <u>Linear</u>                                | <u>Ada</u>        | <u>Linear</u>        | <u>Annual</u>     | <u>Annual</u>     | <u>Annual</u>     | <u>Nominal</u>    | <u>Ada County</u> |
|                  | <u>Interpolation</u>                         | <u>County</u>     | <u>Interpolation</u> | <u>Average</u>    | <u>Average</u>    | <u>Average</u>    | <u>Per Capita</u> | <u>(2003 \$)</u>  |
|                  | <u>Ada County</u>                            | <u>Number of</u>  | <u>of Ada</u>        | <u>Ada County</u> | <u>Ada County</u> | <u>Ada County</u> | <u>Personal</u>   | <u>Per Capita</u> |
| <u>of Non-Ag</u> | <u>Households</u>                            | <u>County</u>     | <u>Non-Ag</u>        | <u>Households</u> | <u>Population</u> | <u>Income</u>     | <u>Income</u>     |                   |
| <u>Employ.</u>   | <u>NHT</u>                                   | <u>Population</u> | <u>Employ.</u>       | <u>NHTA</u>       | <u>NPTA</u>       | <u>YPPC\$</u>     | <u>YPPC</u>       |                   |
| <u>NAG1</u>      |  | <u>NPT1</u>       | <u>NAGA</u>          |                   |                   |                   |                   |                   |
| Jul-61           | 602,890                                      | 365,531           | 933,610              | 602,890           | 365,531           | 934,875           | 299,291           | 207,853           |
| Aug-61           | 603,694                                      | 366,064           | 934,875              | 602,890           | 365,531           | 934,875           | 299,291           | 206,947           |
| Sep-61           | 604,498                                      | 366,597           | 934,875              | 602,890           | 365,531           | 934,875           | 299,291           | 206,046           |
| Oct-61           | 605,301                                      | 367,130           | 936,269              | 602,890           | 365,531           | 934,875           | 299,291           | 205,148           |
| Nov-61           | 606,105                                      | 367,663           | 937,663              | 602,890           | 365,531           | 934,875           | 299,291           | 204,254           |
| Dec-61           | 606,909                                      | 368,196           | 939,058              | 602,890           | 365,531           | 934,875           | 299,291           | 203,364           |
| Jan-62           | 607,713                                      | 368,729           | 940,452              | 612,536           | 371,928           | 950,300           | 312,161           | 222,926           |
| Feb-62           | 608,517                                      | 369,262           | 941,846              | 612,536           | 371,928           | 950,300           | 312,161           | 222,520           |
| Mar-62           | 609,321                                      | 369,796           | 943,241              | 612,536           | 371,928           | 950,300           | 312,161           | 222,116           |
| Apr-62           | 610,125                                      | 370,329           | 944,635              | 612,536           | 371,928           | 950,300           | 312,161           | 221,136           |
| May-62           | 610,928                                      | 370,862           | 946,029              | 612,536           | 371,928           | 950,300           | 312,161           | 220,164           |
| Jun-62           | 611,732                                      | 371,395           | 947,424              | 612,536           | 371,928           | 950,300           | 312,161           | 219,200           |
| Jul-62           | 612,536                                      | 371,928           | 948,818              | 612,536           | 371,928           | 950,300           | 312,161           | 218,245           |
| Aug-62           | 613,353                                      | 372,470           | 950,300              | 612,536           | 371,928           | 950,300           | 312,161           | 217,295           |
| Sep-62           | 614,170                                      | 373,013           | 951,607              | 612,536           | 371,928           | 950,300           | 312,161           | 216,348           |
| Oct-62           | 614,986                                      | 373,555           | 952,913              | 612,536           | 371,928           | 950,300           | 312,161           | 215,405           |
| Nov-62           | 615,803                                      | 374,097           | 954,220              | 612,536           | 371,928           | 950,300           | 312,161           | 214,467           |
| Dec-62           | 616,620                                      | 374,640           | 955,527              | 612,536           | 371,928           | 950,300           | 312,161           | 213,533           |
| Jan-63           | 617,436                                      | 375,182           | 956,833              | 622,337           | 378,437           | 965,980           | 325,584           | 234,072           |
| Feb-63           | 618,253                                      | 375,725           | 958,140              | 622,337           | 378,437           | 965,980           | 325,584           | 233,646           |
| Mar-63           | 619,070                                      | 376,267           | 959,447              | 622,337           | 378,437           | 965,980           | 325,584           | 233,222           |
| Apr-63           | 619,887                                      | 376,809           | 960,753              | 622,337           | 378,437           | 965,980           | 325,584           | 232,193           |
| May-63           | 620,703                                      | 377,352           | 962,060              | 622,337           | 378,437           | 965,980           | 325,584           | 231,172           |
| Jun-63           | 621,520                                      | 377,894           | 963,367              | 622,337           | 378,437           | 965,980           | 325,584           | 230,160           |
| Jul-63           | 622,337                                      | 378,437           | 964,673              | 622,337           | 378,437           | 965,980           | 325,584           | 229,158           |
| Aug-63           | 623,166                                      | 378,988           | 965,980              | 622,337           | 378,437           | 965,980           | 325,584           | 228,159           |
| Sep-63           | 623,996                                      | 379,540           | 965,980              | 622,337           | 378,437           | 965,980           | 325,584           | 227,165           |
| Oct-63           | 624,826                                      | 380,092           | 967,421              | 622,337           | 378,437           | 965,980           | 325,584           | 226,176           |
| Nov-63           | 625,656                                      | 380,644           | 968,861              | 622,337           | 378,437           | 965,980           | 325,584           | 225,190           |
| Dec-63           | 626,486                                      | 381,196           | 970,302              | 622,337           | 378,437           | 965,980           | 325,584           | 224,209           |
| Jan-64           | 627,315                                      | 381,748           | 971,743              | 632,294           | 385,059           | 981,919           | 339,584           | 245,776           |
| Feb-64           | 628,145                                      | 382,300           | 973,184              | 632,294           | 385,059           | 981,919           | 339,584           | 245,329           |
| Mar-64           | 628,975                                      | 382,852           | 974,624              | 632,294           | 385,059           | 981,919           | 339,584           | 244,883           |
| Apr-64           | 629,805                                      | 383,404           | 976,065              | 632,294           | 385,059           | 981,919           | 339,584           | 243,802           |
| May-64           | 630,635                                      | 383,955           | 977,506              | 632,294           | 385,059           | 981,919           | 339,584           | 242,731           |
| Jun-64           | 631,464                                      | 384,507           | 978,946              | 632,294           | 385,059           | 981,919           | 339,584           | 241,668           |
| Jul-64           | 632,294                                      | 385,059           | 980,387              | 632,294           | 385,059           | 981,919           | 339,584           | 240,616           |
| Aug-64           | 633,137                                      | 385,621           | 981,919              | 632,294           | 385,059           | 981,919           | 339,584           | 239,567           |
| Sep-64           | 633,980                                      | 386,182           | 983,269              | 632,294           | 385,059           | 981,919           | 339,584           | 238,524           |
| Oct-64           | 634,823                                      | 386,744           | 984,619              | 632,294           | 385,059           | 981,919           | 339,584           | 237,484           |
| Nov-64           | 635,666                                      | 387,305           | 985,969              | 632,294           | 385,059           | 981,919           | 339,584           | 236,450           |
| Dec-64           | 636,509                                      | 387,867           | 987,319              | 632,294           | 385,059           | 981,919           | 339,584           | 235,420           |
| Jan-65           | 637,352                                      | 388,428           | 988,669              | 642,411           | 391,798           | 998,120           | 354,186           | 258,065           |
| Feb-65           | 638,195                                      | 388,990           | 990,019              | 642,411           | 391,798           | 998,120           | 354,186           | 257,595           |
| Mar-65           | 639,039                                      | 389,552           | 991,370              | 642,411           | 391,798           | 998,120           | 354,186           | 257,127           |
| Apr-65           | 639,882                                      | 390,113           | 992,720              | 642,411           | 391,798           | 998,120           | 354,186           | 255,992           |
| May-65           | 640,725                                      | 390,675           | 994,070              | 642,411           | 391,798           | 998,120           | 354,186           | 254,867           |
| Jun-65           | 641,568                                      | 391,236           | 995,420              | 642,411           | 391,798           | 998,120           | 354,186           | 253,752           |
| Jul-65           | 642,411                                      | 391,798           | 996,770              | 642,411           | 391,798           | 998,120           | 354,186           | 252,646           |
| Aug-65           | 643,254                                      | 392,369           | 998,120              | 642,411           | 391,798           | 998,120           | 354,186           | 251,546           |
| Sep-65           | 644,097                                      | 392,940           | 999,492              | 642,411           | 391,798           | 998,120           | 354,186           | 250,450           |
| Oct-65           | 644,940                                      | 393,512           | 1,000,864            | 642,411           | 391,798           | 998,120           | 354,186           | 249,359           |
| Nov-65           | 645,783                                      | 394,083           | 1,002,236            | 642,411           | 391,798           | 998,120           | 354,186           | 248,272           |
| Dec-65           | 646,626                                      | 394,655           | 1,003,608            | 642,411           | 391,798           | 998,120           | 354,186           | 247,191           |

Forecast  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |               |
|--------------|--|---|--|--|---|---|--|---|--|---------------|
| Jan-95       | 150.3                                  | 81.7  | 2.10   | 3.73   | 0   | 0   | 32.6   | 12.00   | 0.8090   |               |
| Feb-95       | 150.9                                  | 82.0  | 0.51   | 3.25   | 0   | 5   | 36.3   | 12.00   | 0.8090   |               |
| Mar-95       | 151.4                                  | 82.3  | 1.51   | 2.32   | 0   | 19  | 40.9   | 12.00   | 0.8090   |               |
| Apr-95       | 151.9                                  | 82.6  | 1.03   | 2.28   | 0   | 49  | 44.4   | 12.00   | 0.8090   |               |
| May-95       | 152.2                                  | 82.7  | 2.36   | 2.97   | 6   | 176   | 49.4   | 12.00   | 1.0110   |               |
| Jun-95       | 152.5                                  | 82.9  | 0.88   | 3.32   | 54  | 467   | 56.7   | 12.00   | 1.0110   |               |
| Jul-95       | 152.5                                  | 82.9  | 0.59   | 2.36   | 225   | 904   | 64.7   | 12.00   | 1.0110   |               |
| Aug-95       | 152.9                                  | 83.1  | 0.06   | 1.06   | 426   | 1274  | 70.7   | 12.00   | 1.0110   |               |
| Sep-95       | 153.2                                  | 83.3  | 0.22   | 0.47   | 418   | 1266  | 70.6   | 12.00   | 1.0110   |               |
| Oct-95       | 153.7                                  | 83.5  | 0.42   | 0.46   | 227   | 841   | 63.2   | 12.00   | 0.8090   |               |
| Nov-95       | 153.6                                  | 83.5  | 2.20   | 1.63   | 57  | 309   | 52.3   | 12.00   | 0.8090   |               |
| Dec-95       | 153.5                                  | 83.4  | 2.19   | 3.51   | 0   | 44  | 43.0   | 12.00   | 0.8090   |               |
| Jan-96       | 154.4                                  | 83.9  | 1.36   | 3.97   | 0   | 9   | 36.0   | 12.00   | 0.8090   |               |
| Feb-96       | 154.9                                  | 84.2  | 1.08   | 3.00   | 0   | 2   | 33.5   | 12.00   | 0.8090   |               |
| Mar-96       | 155.7                                  | 84.6  | 1.97   | 2.75   | 0   | 6   | 37.0   | 12.00   | 0.8090   |               |
| Apr-96       | 156.3                                  | 84.9  | 1.47   | 3.25   | 0   | 50  | 43.6   | 12.00   | 0.8090   |               |
| May-96       | 156.6                                  | 85.1  | 1.67   | 3.29   | 2   | 178   | 50.1   | 12.00   | 1.0110   |               |
| Jun-96       | 156.7                                  | 85.2  | 0.21   | 2.51   | 60  | 483   | 57.1   | 12.00   | 1.0110   |               |
| Jul-96       | 157.0                                  | 85.3  | 0.12   | 1.11   | 299   | 1020  | 66.6   | 12.00   | 1.0110   |               |
| Aug-96       | 157.3                                  | 85.5  | 0.00   | 0.23   | 585   | 1476  | 73.9   | 12.00   | 1.0110   |               |
| Sep-96       | 157.8                                  | 85.8  | 0.46   | 0.29   | 537   | 1372  | 72.2   | 12.00   | 1.0110   |               |
| Oct-96       | 158.3                                  | 86.0  | 0.68   | 0.80   | 241   | 852   | 62.9   | 12.00   | 0.8090   |               |
| Nov-96       | 158.6                                  | 86.2  | 1.71   | 1.77   | 59  | 394   | 52.2   | 12.32   | 0.8310   |               |
| Dec-96       | 158.6                                  | 86.2  | 3.43   | 3.77   | 11  | 116   | 43.1   | 12.43   | 0.8383   |               |
| Jan-97       | 159.1                                  | 86.5  | 2.74   | 5.66   | 0   | 12  | 36.7   | 12.43   | 0.8383   |               |
| Feb-97       | 159.6                                  | 86.7  | 0.18   | 4.55   | 0   | 8   | 34.5   | 12.43   | 0.8383   |               |
| Mar-97       | 160.0                                  | 87.0  | 0.52   | 1.81   | 0   | 25  | 38.0   | 12.43   | 0.8383   |               |
| Apr-97       | 160.2                                  | 87.1  | 1.89   | 1.56   | 0   | 81  | 44.4   | 12.43   | 0.8383   |               |
| May-97       | 160.1                                  | 87.0  | 1.14   | 2.72   | 36  | 304   | 51.8   | 12.43   | 1.0476   |               |
| Jun-97       | 160.3                                  | 87.1  | 1.35   | 2.76   | 111   | 699   | 60.5   | 12.43   | 1.0476   |               |
| Jul-97       | 160.5                                  | 87.2  | 0.45   | 2.15   | 249   | 1055  | 67.2   | 12.43   | 1.0476   |               |
| Aug-97       | 160.8                                  | 87.4  | 0.27   | 1.26   | 475   | 1359  | 72.0   | 12.43   | 1.0476   |               |
| Sep-97       | 161.2                                  | 87.6  | 0.67   | 0.83   | 546   | 1429  | 73.2   | 12.43   | 1.0476   |               |
| Oct-97       | 161.6                                  | 87.8  | 0.55   | 1.08   | 326   | 1001  | 66.0   | 12.43   | 0.8383   |               |
| Nov-97       | 161.5                                  | 87.8  | 0.68   | 1.23   | 89  | 394   | 53.9   | 12.43   | 0.8383   | Historic Data |
| Dec-97       | 161.3                                  | 87.7  | 0.65   | 1.28   | 7   | 69  | 42.6   | 12.43   | 0.8383   |               |
| Jan-98       | 161.6                                  | 87.8  | 2.73   | 2.36   | 0   | 5   | 36.3   | 12.43   | 0.8383   |               |
| Feb-98       | 161.9                                  | 88.0  | 1.39   | 3.75   | 0   | 2   | 37.6   | 12.43   | 0.8383   |               |
| Mar-98       | 162.2                                  | 88.2  | 0.99   | 3.25   | 0   | 18  | 41.2   | 12.43   | 0.8383   |               |
| Apr-98       | 162.5                                  | 88.3  | 0.81   | 2.09   | 2   | 82  | 44.9   | 12.43   | 0.8383   |               |
| May-98       | 162.8                                  | 88.5  | 4.40   | 3.51   | 9   | 223   | 50.3   | 12.43   | 1.0476   |               |
| Jun-98       | 163.0                                  | 88.6  | 1.21   | 5.41   | 32  | 468   | 56.7   | 12.43   | 1.0476   |               |
| Jul-98       | 163.2                                  | 88.7  | 0.49   | 3.66   | 271   | 971   | 65.8   | 13.24   | 1.1160   |               |
| Aug-98       | 163.4                                  | 88.8  | 0.00   | 1.10   | 656   | 1536  | 74.9   | 13.51   | 1.1388   |               |
| Sep-98       | 163.6                                  | 88.9  | 1.96   | 1.23   | 696   | 1593  | 75.9   | 13.51   | 1.1388   |               |
| Oct-98       | 164.0                                  | 89.1  | 0.11   | 2.02   | 388   | 1076  | 67.2   | 13.51   | 0.9113   |               |
| Nov-98       | 164.0                                  | 89.1  | 0.97   | 1.58   | 104   | 419   | 54.4   | 13.51   | 0.9113   |               |
| Dec-98       | 163.9                                  | 89.1  | 1.65   | 1.85   | 2   | 66  | 42.6   | 13.51   | 0.9113   |               |
| Jan-99       | 164.3                                  | 89.3  | 1.40   | 2.84   | 0   | 4   | 35.3   | 13.51   | 0.9113   |               |
| Feb-99       | 164.5                                  | 89.4  | 1.96   | 3.21   | 0   | 0   | 34.8   | 13.51   | 0.9113   |               |
| Mar-99       | 165.0                                  | 89.7  | 0.75   | 3.04   | 0   | 13  | 38.5   | 13.51   | 0.9113   |               |
| Apr-99       | 166.2                                  | 90.3  | 0.61   | 2.04   | 0   | 54  | 43.2   | 13.51   | 0.9113   |               |
| May-99       | 166.2                                  | 90.3  | 1.10   | 1.54   | 16  | 193   | 48.8   | 13.51   | 1.1388   |               |
| Jun-99       | 166.2                                  | 90.3  | 0.47   | 1.64   | 103   | 523   | 56.6   | 13.51   | 1.1388   |               |
| Jul-99       | 166.7                                  | 90.6  | 0.00   | 1.02   | 299   | 989   | 65.7   | 13.51   | 1.1388   |               |
| Aug-99       | 167.1                                  | 90.8  | 0.29   | 0.38   | 520   | 1381  | 72.4   | 13.51   | 1.1388   |               |
| Sep-99       | 167.9                                  | 91.3  | 0.00   | 0.29   | 515   | 1373  | 72.2   | 13.51   | 1.1388   |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |
|--------------|--|---|--|--|---|---|--|---|--|
| Oct-99       | 168.2                                  | 91.4  | 0.11   | 0.20   | 248   | 916   | 64.6   | 13.51   | 0.9113   |
| Nov-99       | 168.3                                  | 91.5  | 1.00   | 0.61   | 41  | 421   | 55.2   | 13.51   | 0.9113   |
| Dec-99       | 168.3                                  | 91.5  | 0.90   | 1.51   | 1   | 145   | 45.3   | 13.51   | 0.9113   |
| Jan-00       | 168.8                                  | 91.8  | 1.51   | 2.16   | 0   | 29  | 36.5   | 13.51   | 0.9113   |
| Feb-00       | 169.8                                  | 92.3  | 2.06   | 2.99   | 0   | 1   | 35.7   | 13.51   | 0.9113   |
| Mar-00       | 171.2                                  | 93.1  | 1.69   | 3.66   | 0   | 78  | 40.4   | 13.51   | 0.9113   |
| Apr-00       | 171.3                                  | 93.1  | 1.01   | 3.23   | 38  | 395   | 45.9   | 13.51   | 0.9113   |
| May-00       | 171.5                                  | 93.2  | 0.83   | 2.27   | 179   | 911   | 53.2   | 13.51   | 1.1388   |
| Jun-00       | 172.4                                  | 93.7  | 0.14   | 1.41   | 528   | 1,434   | 60.8   | 13.51   | 1.1388   |
| Jul-00       | 172.8                                  | 93.9  | 0.03   | 0.57   | 1,090   | 2,005   | 68.5   | 13.51   | 1.1388   |
| Aug-00       | 172.8                                  | 93.9  | 0.10   | 0.15   | 1,534   | 2,436   | 74.4   | 13.51   | 1.1388   |
| Sep-00       | 173.7                                  | 94.4  | 0.60   | 0.42   | 1,416   | 2,296   | 73.0   | 14.57   | 1.2281   |
| Oct-00       | 174.0                                  | 94.6  | 2.59   | 1.95   | 755   | 1,608   | 63.8   | 14.57   | 0.9825   |
| Nov-00       | 174.1                                  | 94.6  | 0.68   | 3.23   | 171   | 778   | 50.3   | 14.57   | 0.9825   |
| Dec-00       | 174.0                                  | 94.6  | 0.80   | 2.38   | 0   | 191   | 37.5   | 14.57   | 0.9825   |
| Jan-01       | 175.1                                  | 95.2  | 1.07   | 1.68   | 0   | 0   | 30.8   | 14.57   | 0.9825   |
| Feb-01       | 175.8                                  | 95.6  | 0.49   | 1.72   | 0   | 0   | 30.0   | 14.57   | 0.9825   |
| Mar-01       | 176.2                                  | 95.8  | 1.07   | 1.56   | 0   | 98  | 35.4   | 14.57   | 0.9825   |
| Apr-01       | 176.9                                  | 96.2  | 1.20   | 1.92   | 0   | 334   | 43.7   | 14.57   | 0.9825   |
| May-01       | 177.7                                  | 96.6  | 0.27   | 1.87   | 166   | 773   | 51.1   | 14.57   | 1.2281   |
| Jun-01       | 178.0                                  | 96.8  | 0.32   | 1.03   | 590   | 1,419   | 59.8   | 14.57   | 1.2281   |
| Jul-01       | 177.5                                  | 96.5  | 0.15   | 0.53   | 1,057   | 1,972   | 67.8   | 14.57   | 1.2281   |
| Aug-01       | 177.5                                  | 96.5  | 0.00   | 0.31   | 1,467   | 2,367   | 73.9   | 14.57   | 1.2281   |
| Sep-01       | 178.3                                  | 96.9  | 0.44   | 0.30   | 1,561   | 2,439   | 75.3   | 14.57   | 1.2281   |
| Oct-01       | 177.7                                  | 96.6  | 0.86   | 0.87   | 1,008   | 1,900   | 67.5   | 14.57   | 0.9825   |
| Nov-01       | 177.4                                  | 96.4  | 1.52   | 1.84   | 294   | 1,029   | 55.1   | 14.57   | 0.9825   |
| Dec-01       | 176.7                                  | 96.1  | 1.15   | 2.53   | 13  | 336   | 43.2   | 14.57   | 0.9825   |
| Jan-02       | 177.1                                  | 96.3  | 0.94   | 2.38   | 0   | 45  | 34.4   | 14.57   | 0.9825   |
| Feb-02       | 177.8                                  | 96.7  | 0.19   | 1.61   | 0   | 0   | 32.1   | 14.57   | 0.9825   |
| Mar-02       | 178.8                                  | 97.2  | 1.06   | 1.19   | 0   | 17  | 35.2   | 14.57   | 0.9825   |
| Apr-02       | 179.8                                  | 97.7  | 0.83   | 1.57   | 0   | 216   | 41.7   | 14.57   | 0.9825   |
| May-02       | 179.8                                  | 97.7  | 0.01   | 1.37   | 107   | 720   | 50.4   | 14.57   | 1.2281   |
| Jun-02       | 179.9                                  | 97.8  | 0.19   | 0.52   | 481   | 1,353   | 59.8   | 14.57   | 1.2281   |
| Jul-02       | 180.1                                  | 97.9  | 0.09   | 0.24   | 1,101   | 2,016   | 69.7   | 14.57   | 1.2281   |
| Aug-02       | 180.7                                  | 98.2  | 0.05   | 0.21   | 1,496   | 2,401   | 75.2   | 14.57   | 1.2281   |
| Sep-02       | 181.0                                  | 98.4  | 0.39   | 0.29   | 1,290   | 2,178   | 71.9   | 14.57   | 1.2281   |
| Oct-02       | 181.3                                  | 98.6  | 0.31   | 0.57   | 730   | 1,570   | 62.9   | 14.57   | 0.9825   |
| Nov-02       | 181.3                                  | 98.6  | 0.87   | 0.94   | 210   | 784   | 51.4   | 14.57   | 0.9825   |
| Dec-02       | 180.9                                  | 98.3  | 2.03   | 2.04   | 0   | 175   | 42.2   | 14.57   | 0.9825   |
| Jan-03       | 181.7                                  | 98.8  | 1.56   | 3.25   | 0   | 0   | 38.7   | 14.57   | 0.9825   |
| Feb-03       | 183.1                                  | 99.5  | 0.87   | 3.01   | 0   | 0   | 38.1   | 14.57   | 0.9825   |
| Mar-03       | 184.2                                  | 100.1   | 1.48   | 2.39   | 0   | 91  | 40.0   | 14.57   | 0.9825   |
| Apr-03       | 183.8                                  | 99.9  | 1.39   | 2.61   | 0   | 319   | 45.0   | 14.57   | 0.9825   |
| May-03       | 183.5                                  | 99.7  | 1.35   | 2.81   | 91  | 688   | 51.2   | 14.57   | 1.2281   |
| Jun-03       | 183.7                                  | 99.9  | 0.18   | 2.14   | 479   | 1,306   | 59.4   | 14.57   | 1.2281   |
| Jul-03       | 183.9                                  | 100.0   | 0.27   | 0.99   | 1,186   | 2,101   | 69.9   | 14.57   | 1.2281   |
| Aug-03       | 184.6                                  | 100.3   | 0.33   | 0.53   | 1,712   | 2,614   | 77.2   | 14.57   | 1.2281   |
| Sep-03       | 185.2                                  | 100.7   | 0.04   | 0.49   | 1,562   | 2,442   | 75.7   | 14.57   | 1.2281   |
| Oct-03       | 185.0                                  | 100.6   | 0.00   | 0.21   | 971   | 1,865   | 67.4   | 14.57   | 0.9825   |
| Nov-03       | 184.5                                  | 100.3   | 1.02   | 0.53   | 413   | 1,103   | 55.3   | 14.57   | 0.9825   |
| Dec-03       | 184.3                                  | 100.2   | 1.62   | 1.83   | 89  | 322   | 42.9   | 14.57   | 0.9825   |
| Jan-04       | 185.2                                  | 100.7   | 1.85   | 3.06   | 0   | 0   | 35.3   | 14.57   | 0.9825   |
| Feb-04       | 186.2                                  | 101.2   | 1.46   | 3.39   | 0   | 0   | 32.4   | 14.57   | 0.9825   |
| Mar-04       | 187.4                                  | 101.9   | 0.51   | 2.64   | 0   | 157   | 36.8   | 14.57   | 0.9825   |
| Apr-04       | 188.0                                  | 102.2   | 0.36   | 1.42   | 33  | 565   | 46.5   | 14.57   | 0.9825   |
| May-04       | 189.1                                  | 102.8   | 2.37   | 1.80   | 147   | 972   | 53.9   | 14.57   | 1.2281   |
| Jun-04       | 189.7                                  | 103.1   | 0.26   | 2.68   | 467   | 1,374   | 60.33  | 14.57   | 1.2281   |

Historic Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |               |
|--------------|--|---|--|--|---|---|--|---|--|---------------|
| Jul-04       | 189.4                                  | 103.0   | 0.59   | 1.74   | 1,054   | 1,969   | 68.89  | 14.57   | 1.2281   |               |
| Aug-04       | 189.5                                  | 103.0   | 0.38   | 0.91   | 1,499   | 2,402   | 75.05  | 14.57   | 1.2281   |               |
| Sep-04       | 189.9                                  | 103.2   | 0.25   | 0.80   | 1,332   | 2,215   | 72.85  | 14.57   | 1.2281   |               |
| Oct-04       | 190.9                                  | 103.8   | 1.53   | 1.21   | 704   | 1,589   | 63.90  | 14.57   | 0.9825   |               |
| Nov-04       | 191.0                                  | 103.8   | 0.70   | 2.01   | 170   | 837   | 52.20  | 14.57   | 0.9825   |               |
| Dec-04       | 190.3                                  | 103.4   | 1.24   | 2.09   | 0   | 221   | 41.33  | 14.57   | 0.9825   |               |
| Jan-05       | 190.7                                  | 103.7   | 0.23   | 1.71   | 0   | 0   | 35.45  | 14.57   | 0.9825   |               |
| Feb-05       | 191.8                                  | 104.3   | 0.34   | 1.02   | 0   | 0   | 34.45  | 14.57   | 0.9825   |               |
| Mar-05       | 193.3                                  | 105.1   | 1.20   | 1.06   | 0   | 104   | 38.03  | 14.57   | 0.9825   |               |
| Apr-05       | 194.6                                  | 105.8   | 1.16   | 1.95   | 0   | 388   | 44.68  | 14.57   | 0.9825   |               |
| May-05       | 194.4                                  | 105.7   | 3.96   | 3.74   | 84  | 780   | 51.53  | 14.57   | 1.2281   |               |
| Jun-05       | 194.5                                  | 105.7   | 0.91   | 5.00   | 355   | 1,225   | 58.75  | 14.57   | 1.4123   |               |
| Jul-05       | 195.4                                  | 106.2   | 0.02   | 2.90   | 909   | 1,824   | 66.93  | 14.57   | 1.4123   |               |
| Aug-05       | 196.4                                  | 106.8   | 0.00   | 0.48   | 1,501   | 2,403   | 72.63  | 14.57   | 1.4123   |               |
| Sep-05       | 198.8                                  | 108.1   | 0.32   | 0.17   | 1,464   | 2,345   | 71.68  | 16.71   | 1.5141   |               |
| Oct-05       | 199.2                                  | 108.3   | 0.44   | 0.54   | 798   | 1,692   | 63.78  | 16.71   | 1.5141   |               |
| Nov-05       | 197.6                                  | 107.4   | 1.17   | 1.19   | 206   | 896   | 52.43  | 16.71   | 1.2112   |               |
| Dec-05       | 196.8                                  | 107.0   | 3.34   | 3.06   | 9   | 242   | 40.80  | 16.71   | 1.2112   |               |
| Jan-06       | 198.3                                  | 107.8   | 1.77   | 4.81   | 0   | 0   | 32.83  | 16.71   | 1.2112   |               |
| Feb-06       | 198.7                                  | 108.0   | 0.41   | 3.65   | 0   | 0   | 31.93  | 16.71   | 1.2112   |               |
| Mar-06       | 199.8                                  | 108.6   | 2.19   | 2.39   | 0   | 18  | 36.85  | 16.71   | 1.2112   |               |
| Apr-06       | 201.5                                  | 109.5   | 1.82   | 3.31   | 0   | 219   | 43.73  | 16.71   | 1.2112   |               |
| May-06       | 202.5                                  | 110.1   | 1.20   | 3.52   | 138   | 753   | 50.90  | 16.71   | 1.5141   |               |
| Jun-06       | 202.9                                  | 110.3   | 0.82   | 2.52   | 571   | 1,443   | 58.75  | 16.71   | 1.5141   |               |
| Jul-06       | 203.5                                  | 110.6   | 0.24   | 1.54   | 1,227   | 2,142   | 66.93  | 16.71   | 1.5141   |               |
| Aug-06       | 203.9                                  | 110.8   | 0.02   | 0.66   | 1,665   | 2,568   | 72.63  | 16.71   | 1.5141   |               |
| Sep-06       | 202.9                                  | 110.3   | 0.16   | 0.22   | 1,459   | 2,342   | 71.68  | 16.71   | 1.5141   |               |
| Oct-06       | 201.8                                  | 109.7   | 0.41   | 0.38   | 800   | 1,668   | 63.78  | 16.71   | 1.2112   |               |
| Nov-06       | 201.5                                  | 109.5   | 1.43   | 1.21   | 213   | 874   | 52.43  | 16.71   | 1.2112   | Historic Data |
| Dec-06       | 201.8                                  | 109.7   | 1.63   | 2.45   | 0   | 254   | 40.80  | 16.71   | 1.2112   |               |
| Jan-07       | 202.4                                  | 110.0   | 0.47   | 2.58   | 0   | 24  | 32.83  | 16.71   | 1.2112   |               |
| Feb-07       | 203.5                                  | 110.6   | 2.28   | 2.43   | 0   | 0   | 31.93  | 16.71   | 1.2112   |               |
| Mar-07       | 205.4                                  | 111.6   | 0.51   | 2.77   | 0   | 152   | 36.85  | 16.71   | 1.2112   |               |
| Apr-07       | 206.7                                  | 112.4   | 1.06   | 2.18   | 6   | 510   | 43.73  | 16.71   | 1.2112   |               |
| May-07       | 207.9                                  | 113.0   | 0.23   | 1.43   | 450   | 976   | 50.90  | 16.71   | 1.5141   |               |
| Jun-07       | 208.4                                  | 113.3   | 0.94   | 1.23   | 929   | 1,559   | 58.75  | 16.71   | 1.5141   |               |
| Jul-07       | 207.3                                  | 112.7   | 0.02   | 1.07   | 1,595   | 2,221   | 66.93  | 16.71   | 1.5141   |               |
| Aug-07       | 207.9                                  | 113.0   | 0.04   | 0.51   | 2,359   | 2,651   | 72.63  | 16.71   | 1.5141   |               |
| Sep-07       | 208.5                                  | 113.3   | 0.65   | 0.38   | 1,868   | 2,414   | 71.68  | 16.71   | 1.5141   |               |
| Oct-07       | 208.9                                  | 113.6   | 1.03   | 1.19   | 1,064   | 1,671   | 63.78  | 16.71   | 1.2112   |               |
| Nov-07       | 210.2                                  | 114.3   | 1.06   | 1.89   | 162   | 835   | 52.43  | 16.71   | 1.2112   |               |
| Dec-07       | 210.0                                  | 114.2   | 1.27   | 2.21   | 2   | 217   | 40.80  | 16.71   | 1.2112   |               |
| Jan-08       | 211.1                                  | 114.7   | 0.93   | 2.27   | 0   | 9   | 32.83  | 16.71   | 1.2112   |               |
| Feb-08       | 211.7                                  | 115.1   | 0.57   | 1.85   | 0   | 0   | 31.93  | 16.71   | 1.2112   |               |
| Mar-08       | 213.5                                  | 116.1   | 1.21   | 1.64   | 0   | 9   | 36.85  | 16.71   | 1.2112   |               |
| Apr-08       | 214.8                                  | 116.8   | 3.00   | 3.00   | 0   | 145   | 43.73  | 16.71   | 1.2112   |               |
| May-08       | 216.6                                  | 117.8   | 0.81   | 4.01   | 135   | 624   | 50.90  | 16.71   | 1.5141   |               |
| Jun-08       | 218.8                                  | 118.9   | 0.11   | 2.37   | 348   | 1,314   | 58.75  | 17.55   | 1.5898   |               |
| Jul-08       | 215.3                                  | 117.0   | 0.28   | 0.66   | 899   | 1,963   | 66.93  | 17.55   | 1.5898   |               |
| Aug-08       | 219.1                                  | 119.1   | 0.00   | 0.34   | 1,757   | 2,413   | 72.63  | 17.55   | 1.5898   |               |
| Sep-08       | 218.8                                  | 118.9   | 0.94   | 0.61   | 1,624   | 2,339   | 71.68  | 17.55   | 1.5898   |               |
| Oct-08       | 216.6                                  | 117.7   | 0.75   | 1.32   | 934   | 1,747   | 63.78  | 17.55   | 1.2718   |               |
| Nov-08       | 212.4                                  | 115.5   | 1.39   | 1.92   | 123   | 940   | 52.43  | 17.55   | 1.2718   |               |
| Dec-08       | 210.2                                  | 114.3   | 1.75   | 2.64   | 22  | 276   | 40.80  | 17.55   | 1.2718   |               |
| Jan-09       | 211.1                                  | 114.8   | 0.87   | 2.88   | 0   | 21  | 32.83  | 17.55   | 1.2718   |               |
| Feb-09       | 212.2                                  | 115.3   | 0.20   | 1.85   | 0   | 0   | 31.93  | 17.55   | 1.2718   |               |
| Mar-09       | 212.7                                  | 115.6   | 1.26   | 1.27   | 0   | 18  | 36.85  | 17.55   | 1.2718   |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling</u><br>Deg. Days<br>WCDD | <u>Boise Weighted Growing Degree</u><br>Days<br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>Temp.<br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |               |
|--------------|--|---|--|--|--|--|---|---|--|---------------|
| Apr-09       | 213.2                                  | 115.9   | 0.72   | 1.72   | 11   | 224  | 43.73   | 17.55   | 1.2718   |               |
| May-09       | 213.9                                  | 116.3   | 0.98   | 1.84   | 303  | 777  | 50.90   | 17.55   | 1.5898   |               |
| Jun-09       | 215.7                                  | 117.2   | 1.54   | 2.11   | 546  | 1,375  | 58.75   | 17.55   | 1.5898   |               |
| Jul-09       | 214.6                                  | 116.7   | 0.08   | 2.07   | 1,040  | 1,049  | 66.93   | 17.55   | 1.5898   |               |
| Aug-09       | 215.8                                  | 117.3   | 1.79   | 1.75   | 1,831  | 1,403  | 72.63   | 17.55   | 1.5898   |               |
| Sep-09       | 216.0                                  | 117.4   | 0.01   | 1.84   | 1,845  | 1,301  | 71.68   | 17.55   | 1.5898   |               |
| Oct-09       | 216.0                                  | 117.4   | 1.39   | 1.60   | 1,532  | 854  | 63.78   | 17.55   | 1.2718   |               |
| Nov-09       | 216.1                                  | 117.5   | 0.71   | 1.75   | 342  | 146  | 52.43   | 17.55   | 1.2718   |               |
| Dec-09       | 216.2                                  | 117.5   | 1.76   | 2.29   | 0  | 0  | 40.80   | 17.55   | 1.2718   |               |
| Jan-10       | 216.4                                  | 117.6   | 1.38   | 2.81   | 0  | 0  | 32.83   | 17.55   | 1.2718   |               |
| Feb-10       | 216.5                                  | 117.7   | 0.83   | 2.68   | 0  | 0  | 31.93   | 17.55   | 1.2718   |               |
| Mar-10       | 216.6                                  | 117.8   | 1.72   | 2.38   | 0  | 0  | 36.85   | 17.55   | 1.2718   |               |
| Apr-10       | 216.8                                  | 117.8   | 1.58   | 2.93   | 2  | 0  | 43.73   | 17.55   | 1.2718   |               |
| May-10       | 216.9                                  | 117.9   | 2.30   | 3.59   | 36   | 56   | 50.90   | 17.55   | 1.5898   |               |
| Jun-10       | 217.0                                  | 118.0   | 0.81   | 3.50   | 216  | 525  | 58.75   | 17.55   | 1.5898   |               |
| Jul-10       | 218.1                                  | 118.6   | 0.11   | 2.02   | 763  | 1,049  | 66.93   | 17.55   | 1.5898   |               |
| Aug-10       | 218.4                                  | 118.7   | 0.27   | 0.65   | 1,520  | 1,403  | 72.63   | 17.55   | 1.5898   |               |
| Sep-10       | 218.7                                  | 118.9   | 0.01   | 0.33   | 1,516  | 1,301  | 71.68   | 17.55   | 1.5898   |               |
| Oct-10       | 219.0                                  | 119.1   | 1.18   | 0.74   | 1,192  | 854  | 63.78   | 17.55   | 1.2718   |               |
| Nov-10       | 219.3                                  | 119.2   | 1.57   | 1.97   | 301  | 146  | 52.43   | 17.55   | 1.2718   | Historic Data |
| Dec-10       | 219.6                                  | 119.4   | 3.25   | 3.79   | 45   | 0  | 40.80   | 17.55   | 1.2718   |               |
| Jan-11       | 220.0                                  | 119.6   | 1.33   | 4.70   | 0  | 0  | 32.83   | 17.55   | 1.2718   |               |
| Feb-11       | 220.3                                  | 119.7   | 0.52   | 3.22   | 0  | 0  | 31.93   | 17.55   | 1.2718   |               |
| Mar-11       | 220.6                                  | 119.9   | 2.25   | 2.31   | 0  | 0  | 36.85   | 17.55   | 1.2718   |               |
| Apr-11       | 220.9                                  | 120.1   | 1.53   | 3.28   | 0  | 0  | 43.73   | 17.55   | 1.2718   |               |
| May-11       | 221.2                                  | 120.2   | 1.81   | 3.56   | 30   | 56   | 50.90   | 17.55   | 1.5898   |               |
| Jun-11       | 221.5                                  | 120.4   | 0.46   | 2.81   | 176  | 525  | 58.75   | 17.55   | 1.7011   |               |
| Jul-11       | 221.8                                  | 120.6   | 0.02   | 1.38   | 694  | 1,049  | 66.93   | 17.55   | 1.7011   |               |
| Aug-11       | 222.1                                  | 120.7   | 0.00   | 0.25   | 1,637  | 1,403  | 72.63   | 17.55   | 1.7011   |               |
| Sep-11       | 222.3                                  | 120.9   | 0.09   | 0.06   | 1,947  | 1,301  | 71.68   | 17.55   | 1.7011   |               |
| Oct-11       | 222.6                                  | 121.0   | 1.79   | 0.99   | 1,732  | 854  | 63.78   | 17.55   | 1.3608   |               |
| Nov-11       | 222.8                                  | 121.1   | 0.33   | 2.00   | 408  | 146  | 52.43   | 17.55   | 1.3608   |               |
| Dec-11       | 223.1                                  | 121.3   | 0.36   | 1.41   | 0  | 0  | 40.80   | 17.55   | 1.3608   |               |
| Jan-12       | 223.4                                  | 121.4   | 2.72   | 1.89   | 0  | 0  | 32.83   | 17.55   | 1.3608   |               |
| Feb-12       | 223.6                                  | 121.6   | 0.67   | 3.24   | 0  | 0  | 31.93   | 20.10   | 1.4388   |               |
| Mar-12       | 223.9                                  | 121.7   | 2.23   | 3.15   | 0  | 0  | 36.85   | 20.10   | 1.4388   |               |
| Apr-12       | 224.1                                  | 121.8   | 1.25   | 3.19   | 3  | 0  | 43.73   | 20.10   | 1.4388   |               |
| May-12       | 224.4                                  | 122.0   | 1.32   | 3.03   | 105  | 56   | 50.90   | 20.10   | 1.7985   |               |
| Jun-12       | 224.6                                  | 122.1   | 0.75   | 2.32   | 326  | 525  | 58.75   | 20.10   | 1.7985   |               |
| Jul-12       | 224.9                                  | 122.3   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 20.10   | 1.7985   |               |
| Aug-12       | 225.3                                  | 122.5   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 20.10   | 1.7985   |               |
| Sep-12       | 225.7                                  | 122.7   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 20.10   | 1.7985   |               |
| Oct-12       | 226.1                                  | 122.9   | 0.79   | 1.08   | 864  | 854  | 63.78   | 20.10   | 1.4388   |               |
| Nov-12       | 226.5                                  | 123.1   | 1.33   | 1.73   | 146  | 146  | 52.43   | 20.10   | 1.4388   |               |
| Dec-12       | 226.9                                  | 123.3   | 1.49   | 2.47   | 0  | 0  | 40.80   | 20.10   | 1.4388   |               |
| Jan-13       | 227.3                                  | 123.5   | 1.24   | 2.78   | 0  | 0  | 32.83   | 20.10   | 1.4388   |               |
| Feb-13       | 227.6                                  | 123.7   | 1.11   | 2.54   | 0  | 0  | 31.93   | 20.10   | 1.4388   |               |
| Mar-13       | 228.0                                  | 124.0   | 1.34   | 2.40   | 0  | 0  | 36.85   | 20.10   | 1.4388   |               |
| Apr-13       | 228.4                                  | 124.2   | 1.25   | 2.52   | 3  | 0  | 43.73   | 20.10   | 1.4388   |               |
| May-13       | 228.8                                  | 124.4   | 1.32   | 2.58   | 105  | 56   | 50.90   | 20.10   | 1.7985   |               |
| Jun-13       | 229.2                                  | 124.6   | 0.75   | 2.32   | 326  | 525  | 58.75   | 20.10   | 1.7985   |               |
| Jul-13       | 229.6                                  | 124.8   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 20.10   | 1.7985   |               |
| Aug-13       | 229.9                                  | 125.0   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 20.10   | 1.7985   |               |
| Sep-13       | 230.2                                  | 125.1   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 20.10   | 1.7985   |               |
| Oct-13       | 230.4                                  | 125.3   | 0.79   | 1.08   | 864  | 854  | 63.78   | 20.10   | 1.4388   |               |
| Nov-13       | 230.7                                  | 125.4   | 1.33   | 1.73   | 146  | 146  | 52.43   | 20.10   | 1.4388   |               |
| Dec-13       | 231.0                                  | 125.6   | 1.49   | 2.47   | 0  | 0  | 40.80   | 20.10   | 1.4388   |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling</u><br>Deg. Days<br>WCDD | <u>Boise Weighted Growing Degree</u><br>Days<br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>Temp.<br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |                  |
|--------------|--|---|--|--|--|--|---|---|--|------------------|
| Jan-14       | 231.3                                  | 125.7   | 1.24   | 2.78   | 0  | 0  | 32.83   | 20.10   | 1.4388   |                  |
| Feb-14       | 231.5                                  | 125.9   | 1.11   | 2.54   | 0  | 0  | 31.93   | 20.10   | 1.4388   |                  |
| Mar-14       | 231.8                                  | 126.0   | 1.34   | 2.40   | 0  | 0  | 36.85   | 20.10   | 1.4388   |                  |
| Apr-14       | 232.1                                  | 126.2   | 1.25   | 2.52   | 3  | 0  | 43.73   | 20.10   | 1.4388   |                  |
| May-14       | 232.4                                  | 126.3   | 1.32   | 2.58   | 105  | 56   | 50.90   | 20.10   | 1.7985   |                  |
| Jun-14       | 232.6                                  | 126.5   | 0.75   | 2.32   | 326  | 525  | 58.75   | 20.91   | 1.8710   |                  |
| Jul-14       | 232.9                                  | 126.6   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 20.91   | 1.8710   |                  |
| Aug-14       | 233.2                                  | 126.8   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 20.91   | 1.8710   |                  |
| Sep-14       | 233.6                                  | 127.0   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 20.91   | 1.8710   |                  |
| Oct-14       | 233.9                                  | 127.1   | 0.79   | 1.08   | 864  | 854  | 63.78   | 20.91   | 1.4968   |                  |
| Nov-14       | 234.2                                  | 127.3   | 1.33   | 1.73   | 146  | 146  | 52.43   | 20.91   | 1.4968   |                  |
| Dec-14       | 234.6                                  | 127.5   | 1.49   | 2.47   | 0  | 0  | 40.80   | 20.91   | 1.4968   |                  |
| Jan-15       | 234.9                                  | 127.7   | 1.24   | 2.78   | 0  | 0  | 32.83   | 20.91   | 1.4968   | Forecast<br>Data |
| Feb-15       | 235.2                                  | 127.9   | 1.11   | 2.54   | 0  | 0  | 31.93   | 20.91   | 1.4968   |                  |
| Mar-15       | 235.6                                  | 128.1   | 1.34   | 2.40   | 0  | 0  | 36.85   | 20.91   | 1.4968   |                  |
| Apr-15       | 235.9                                  | 128.2   | 1.25   | 2.52   | 3  | 0  | 43.73   | 20.91   | 1.4968   |                  |
| May-15       | 236.2                                  | 128.4   | 1.32   | 2.58   | 105  | 56   | 50.90   | 20.91   | 1.8710   |                  |
| Jun-15       | 236.6                                  | 128.6   | 0.75   | 2.32   | 326  | 525  | 58.75   | 20.91   | 1.8710   |                  |
| Jul-15       | 236.9                                  | 128.8   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 20.91   | 1.8710   |                  |
| Aug-15       | 237.2                                  | 129.0   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 20.91   | 1.8710   |                  |
| Sep-15       | 237.5                                  | 129.1   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 20.91   | 1.8710   |                  |
| Oct-15       | 237.9                                  | 129.3   | 0.79   | 1.08   | 864  | 854  | 63.78   | 20.91   | 1.4968   |                  |
| Nov-15       | 238.2                                  | 129.5   | 1.33   | 1.73   | 146  | 146  | 52.43   | 20.91   | 1.4968   |                  |
| Dec-15       | 238.5                                  | 129.6   | 1.49   | 2.47   | 0  | 0  | 40.80   | 20.91   | 1.4968   |                  |
| Jan-16       | 238.8                                  | 129.8   | 1.24   | 2.78   | 0  | 0  | 32.83   | 20.91   | 1.4968   |                  |
| Feb-16       | 239.1                                  | 130.0   | 1.11   | 2.54   | 0  | 0  | 31.93   | 20.91   | 1.4968   |                  |
| Mar-16       | 239.4                                  | 130.2   | 1.34   | 2.40   | 0  | 0  | 36.85   | 20.91   | 1.4968   |                  |
| Apr-16       | 239.8                                  | 130.3   | 1.25   | 2.52   | 3  | 0  | 43.73   | 20.91   | 1.4968   |                  |
| May-16       | 240.1                                  | 130.5   | 1.32   | 2.58   | 105  | 56   | 50.90   | 20.91   | 1.8710   |                  |
| Jun-16       | 240.4                                  | 130.7   | 0.75   | 2.32   | 326  | 525  | 58.75   | 20.91   | 1.8710   |                  |
| Jul-16       | 240.7                                  | 130.8   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 20.91   | 1.8710   |                  |
| Aug-16       | 241.0                                  | 131.0   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 20.91   | 1.8710   |                  |
| Sep-16       | 241.4                                  | 131.2   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 20.91   | 1.8710   |                  |
| Oct-16       | 241.7                                  | 131.4   | 0.79   | 1.08   | 864  | 854  | 63.78   | 20.91   | 1.4968   |                  |
| Nov-16       | 242.0                                  | 131.6   | 1.33   | 1.73   | 146  | 146  | 52.43   | 20.91   | 1.4968   |                  |
| Dec-16       | 242.4                                  | 131.7   | 1.49   | 2.47   | 0  | 0  | 40.80   | 20.91   | 1.4968   |                  |
| Jan-17       | 242.7                                  | 131.9   | 1.24   | 2.78   | 0  | 0  | 32.83   | 20.91   | 1.4968   |                  |
| Feb-17       | 243.0                                  | 132.1   | 1.11   | 2.54   | 0  | 0  | 31.93   | 20.91   | 1.4968   |                  |
| Mar-17       | 243.4                                  | 132.3   | 1.34   | 2.40   | 0  | 0  | 36.85   | 20.91   | 1.4968   |                  |
| Apr-17       | 243.7                                  | 132.5   | 1.25   | 2.52   | 3  | 0  | 43.73   | 20.91   | 1.4968   |                  |
| May-17       | 244.0                                  | 132.7   | 1.32   | 2.58   | 105  | 56   | 50.90   | 20.91   | 1.8710   |                  |
| Jun-17       | 244.4                                  | 132.8   | 0.75   | 2.32   | 326  | 525  | 58.75   | 20.91   | 1.8710   |                  |
| Jul-17       | 244.7                                  | 133.0   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 20.91   | 1.8710   |                  |
| Aug-17       | 245.1                                  | 133.2   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 20.91   | 1.8710   |                  |
| Sep-17       | 245.5                                  | 133.4   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 20.91   | 1.8710   |                  |
| Oct-17       | 245.9                                  | 133.7   | 0.79   | 1.08   | 864  | 854  | 63.78   | 20.91   | 1.4968   |                  |
| Nov-17       | 246.3                                  | 133.9   | 1.33   | 1.73   | 146  | 146  | 52.43   | 20.91   | 1.4968   |                  |
| Dec-17       | 246.7                                  | 134.1   | 1.49   | 2.47   | 0  | 0  | 40.80   | 20.91   | 1.4968   |                  |
| Jan-18       | 247.1                                  | 134.3   | 1.24   | 2.78   | 0  | 0  | 32.83   | 20.91   | 1.4968   |                  |
| Feb-18       | 247.4                                  | 134.5   | 1.11   | 2.54   | 0  | 0  | 31.93   | 20.91   | 1.4968   |                  |
| Mar-18       | 247.8                                  | 134.7   | 1.34   | 2.40   | 0  | 0  | 36.85   | 20.91   | 1.4968   |                  |
| Apr-18       | 248.2                                  | 134.9   | 1.25   | 2.52   | 3  | 0  | 43.73   | 20.91   | 1.4968   |                  |
| May-18       | 248.6                                  | 135.1   | 1.32   | 2.58   | 105  | 56   | 50.90   | 20.91   | 1.8710   |                  |
| Jun-18       | 249.0                                  | 135.4   | 0.75   | 2.32   | 326  | 525  | 58.75   | 22.38   | 2.0028   |                  |
| Jul-18       | 249.4                                  | 135.6   | 0.32   | 1.57   | 792  | 1,049  | 66.93   | 22.38   | 2.0028   |                  |
| Aug-18       | 249.8                                  | 135.8   | 0.27   | 0.83   | 1,399  | 1,403  | 72.63   | 22.38   | 2.0028   |                  |
| Sep-18       | 250.2                                  | 136.0   | 0.55   | 0.71   | 1,291  | 1,301  | 71.68   | 22.38   | 2.0028   |                  |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Degree Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |                  |
|--------------|--|---|--|--|---|---|--|---|--|------------------|
| Oct-18       | 250.6                                  | 136.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 22.38   | 1.6022   |                  |
| Nov-18       | 251.0                                  | 136.4   | 1.33   | 1.73   | 146   | 146   | 52.43  | 22.38   | 1.6022   |                  |
| Dec-18       | 251.4                                  | 136.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 22.38   | 1.6022   |                  |
| Jan-19       | 251.8                                  | 136.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 22.38   | 1.6022   |                  |
| Feb-19       | 252.2                                  | 137.1   | 1.11   | 2.54   | 0   | 0   | 31.93  | 22.38   | 1.6022   |                  |
| Mar-19       | 252.6                                  | 137.3   | 1.34   | 2.40   | 0   | 0   | 36.85  | 22.38   | 1.6022   |                  |
| Apr-19       | 253.0                                  | 137.5   | 1.25   | 2.52   | 3   | 0   | 43.73  | 22.38   | 1.6022   |                  |
| May-19       | 253.4                                  | 137.7   | 1.32   | 2.58   | 105   | 56  | 50.90  | 22.38   | 2.0028   |                  |
| Jun-19       | 253.8                                  | 138.0   | 0.75   | 2.32   | 326   | 525   | 58.75  | 22.38   | 2.0028   |                  |
| Jul-19       | 254.2                                  | 138.2   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 22.38   | 2.0028   |                  |
| Aug-19       | 254.6                                  | 138.4   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 22.38   | 2.0028   |                  |
| Sep-19       | 255.0                                  | 138.6   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 22.38   | 2.0028   |                  |
| Oct-19       | 255.4                                  | 138.8   | 0.79   | 1.08   | 864   | 854   | 63.78  | 22.38   | 1.6022   | Forecast<br>Data |
| Nov-19       | 255.8                                  | 139.1   | 1.33   | 1.73   | 146   | 146   | 52.43  | 22.38   | 1.6022   |                  |
| Dec-19       | 256.2                                  | 139.3   | 1.49   | 2.47   | 0   | 0   | 40.80  | 22.38   | 1.6022   |                  |
| Jan-20       | 256.7                                  | 139.5   | 1.24   | 2.78   | 0   | 0   | 32.83  | 22.38   | 1.6022   |                  |
| Feb-20       | 257.1                                  | 139.7   | 1.11   | 2.54   | 0   | 0   | 31.93  | 22.38   | 1.6022   |                  |
| Mar-20       | 257.5                                  | 140.0   | 1.34   | 2.40   | 0   | 0   | 36.85  | 22.38   | 1.6022   |                  |
| Apr-20       | 257.9                                  | 140.2   | 1.25   | 2.52   | 3   | 0   | 43.73  | 22.38   | 1.6022   |                  |
| May-20       | 258.3                                  | 140.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 22.38   | 2.0028   |                  |
| Jun-20       | 258.7                                  | 140.6   | 0.75   | 2.32   | 326   | 525   | 58.75  | 22.38   | 2.0028   |                  |
| Jul-20       | 259.1                                  | 140.8   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 22.38   | 2.0028   |                  |
| Aug-20       | 259.5                                  | 141.1   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 22.38   | 2.0028   |                  |
| Sep-20       | 260.0                                  | 141.3   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 22.38   | 2.0028   |                  |
| Oct-20       | 260.4                                  | 141.5   | 0.79   | 1.08   | 864   | 854   | 63.78  | 22.38   | 1.6022   |                  |
| Nov-20       | 260.8                                  | 141.8   | 1.33   | 1.73   | 146   | 146   | 52.43  | 22.38   | 1.6022   |                  |
| Dec-20       | 261.2                                  | 142.0   | 1.49   | 2.47   | 0   | 0   | 40.80  | 22.38   | 1.6022   |                  |
| Jan-21       | 261.7                                  | 142.2   | 1.24   | 2.78   | 0   | 0   | 32.83  | 22.38   | 1.6022   |                  |
| Feb-21       | 262.1                                  | 142.5   | 1.11   | 2.54   | 0   | 0   | 31.93  | 22.38   | 1.6022   |                  |
| Mar-21       | 262.5                                  | 142.7   | 1.34   | 2.40   | 0   | 0   | 36.85  | 22.38   | 1.6022   |                  |
| Apr-21       | 262.9                                  | 142.9   | 1.25   | 2.52   | 3   | 0   | 43.73  | 22.38   | 1.6022   |                  |
| May-21       | 263.4                                  | 143.2   | 1.32   | 2.58   | 105   | 56  | 50.90  | 22.38   | 2.0028   |                  |
| Jun-21       | 263.8                                  | 143.4   | 0.75   | 2.32   | 326   | 525   | 58.75  | 22.38   | 2.0028   |                  |
| Jul-21       | 264.2                                  | 143.6   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 22.38   | 2.0028   |                  |
| Aug-21       | 264.6                                  | 143.9   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 22.38   | 2.0028   |                  |
| Sep-21       | 265.0                                  | 144.1   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 22.38   | 2.0028   |                  |
| Oct-21       | 265.5                                  | 144.3   | 0.79   | 1.08   | 864   | 854   | 63.78  | 22.38   | 1.6022   |                  |
| Nov-21       | 265.9                                  | 144.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 22.38   | 1.6022   |                  |
| Dec-21       | 266.4                                  | 144.8   | 1.49   | 2.47   | 0   | 0   | 40.80  | 22.38   | 1.6022   |                  |
| Jan-22       | 266.8                                  | 145.0   | 1.24   | 2.78   | 0   | 0   | 32.83  | 22.38   | 1.6022   |                  |
| Feb-22       | 267.2                                  | 145.3   | 1.11   | 2.54   | 0   | 0   | 31.93  | 22.38   | 1.6022   |                  |
| Mar-22       | 267.7                                  | 145.5   | 1.34   | 2.40   | 0   | 0   | 36.85  | 22.38   | 1.6022   |                  |
| Apr-22       | 268.1                                  | 145.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 22.38   | 1.6022   |                  |
| May-22       | 268.5                                  | 146.0   | 1.32   | 2.58   | 105   | 56  | 50.90  | 22.38   | 2.0028   |                  |
| Jun-22       | 269.0                                  | 146.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 24.18   | 2.1633   |                  |
| Jul-22       | 269.4                                  | 146.4   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 24.18   | 2.1633   |                  |
| Aug-22       | 269.9                                  | 146.7   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 24.18   | 2.1633   |                  |
| Sep-22       | 270.3                                  | 146.9   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 24.18   | 2.1633   |                  |
| Oct-22       | 270.8                                  | 147.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 24.18   | 1.7306   |                  |
| Nov-22       | 271.2                                  | 147.4   | 1.33   | 1.73   | 146   | 146   | 52.43  | 24.18   | 1.7306   |                  |
| Dec-22       | 271.7                                  | 147.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 24.18   | 1.7306   |                  |
| Jan-23       | 272.1                                  | 147.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 24.18   | 1.7306   |                  |
| Feb-23       | 272.6                                  | 148.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 24.18   | 1.7306   |                  |
| Mar-23       | 273.0                                  | 148.4   | 1.34   | 2.40   | 0   | 0   | 36.85  | 24.18   | 1.7306   |                  |
| Apr-23       | 273.5                                  | 148.6   | 1.25   | 2.52   | 3   | 0   | 43.73  | 24.18   | 1.7306   |                  |
| May-23       | 273.9                                  | 148.9   | 1.32   | 2.58   | 105   | 56  | 50.90  | 24.18   | 2.1633   |                  |
| Jun-23       | 274.4                                  | 149.1   | 0.75   | 2.32   | 326   | 525   | 58.75  | 24.18   | 2.1633   |                  |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |               |
|--------------|--|---|--|--|---|---|--|---|--|---------------|
| Jul-23       | 274.8                                  | 149.4   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 24.18   | 2.1633   |               |
| Aug-23       | 275.3                                  | 149.6   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 24.18   | 2.1633   |               |
| Sep-23       | 275.7                                  | 149.9   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 24.18   | 2.1633   |               |
| Oct-23       | 276.2                                  | 150.1   | 0.79   | 1.08   | 864   | 854   | 63.78  | 24.18   | 1.7306   |               |
| Nov-23       | 276.7                                  | 150.4   | 1.33   | 1.73   | 146   | 146   | 52.43  | 24.18   | 1.7306   |               |
| Dec-23       | 277.1                                  | 150.6   | 1.49   | 2.47   | 0   | 0   | 40.80  | 24.18   | 1.7306   |               |
| Jan-24       | 277.6                                  | 150.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 24.18   | 1.7306   |               |
| Feb-24       | 278.1                                  | 151.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 24.18   | 1.7306   |               |
| Mar-24       | 278.5                                  | 151.4   | 1.34   | 2.40   | 0   | 0   | 36.85  | 24.18   | 1.7306   |               |
| Apr-24       | 279.0                                  | 151.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 24.18   | 1.7306   |               |
| May-24       | 279.5                                  | 151.9   | 1.32   | 2.58   | 105   | 56  | 50.90  | 24.18   | 2.1633   |               |
| Jun-24       | 279.9                                  | 152.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 24.18   | 2.1633   |               |
| Jul-24       | 280.4                                  | 152.4   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 24.18   | 2.1633   | Forecast Data |
| Aug-24       | 280.9                                  | 152.7   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 24.18   | 2.1633   |               |
| Sep-24       | 281.3                                  | 152.9   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 24.18   | 2.1633   |               |
| Oct-24       | 281.8                                  | 153.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 24.18   | 1.7306   |               |
| Nov-24       | 282.2                                  | 153.4   | 1.33   | 1.73   | 146   | 146   | 52.43  | 24.18   | 1.7306   |               |
| Dec-24       | 282.7                                  | 153.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 24.18   | 1.7306   |               |
| Jan-25       | 283.2                                  | 153.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 24.18   | 1.7306   |               |
| Feb-25       | 283.6                                  | 154.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 24.18   | 1.7306   |               |
| Mar-25       | 284.1                                  | 154.4   | 1.34   | 2.40   | 0   | 0   | 36.85  | 24.18   | 1.7306   |               |
| Apr-25       | 284.5                                  | 154.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 24.18   | 1.7306   |               |
| May-25       | 285.0                                  | 154.9   | 1.32   | 2.58   | 105   | 56  | 50.90  | 24.18   | 2.1633   |               |
| Jun-25       | 285.4                                  | 155.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 24.18   | 2.1633   |               |
| Jul-25       | 285.9                                  | 155.4   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 24.18   | 2.1633   |               |
| Aug-25       | 286.4                                  | 155.7   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 24.18   | 2.1633   |               |
| Sep-25       | 286.8                                  | 155.9   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 24.18   | 2.1633   |               |
| Oct-25       | 287.3                                  | 156.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 24.18   | 1.7306   |               |
| Nov-25       | 287.8                                  | 156.4   | 1.33   | 1.73   | 146   | 146   | 52.43  | 24.18   | 1.7306   |               |
| Dec-25       | 288.2                                  | 156.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 24.18   | 1.7306   |               |
| Jan-26       | 288.7                                  | 156.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 24.18   | 1.7306   |               |
| Feb-26       | 289.2                                  | 157.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 24.18   | 1.7306   |               |
| Mar-26       | 289.6                                  | 157.4   | 1.34   | 2.40   | 0   | 0   | 36.85  | 24.18   | 1.7306   |               |
| Apr-26       | 290.1                                  | 157.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 24.18   | 1.7306   |               |
| May-26       | 290.6                                  | 158.0   | 1.32   | 2.58   | 105   | 56  | 50.90  | 24.18   | 2.1633   |               |
| Jun-26       | 291.0                                  | 158.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 26.16   | 2.3407   |               |
| Jul-26       | 291.5                                  | 158.5   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 26.16   | 2.3407   |               |
| Aug-26       | 292.0                                  | 158.7   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 26.16   | 2.3407   |               |
| Sep-26       | 292.5                                  | 159.0   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 26.16   | 2.3407   |               |
| Oct-26       | 292.9                                  | 159.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 26.16   | 1.8726   |               |
| Nov-26       | 293.4                                  | 159.5   | 1.33   | 1.73   | 146   | 146   | 52.43  | 26.16   | 1.8726   |               |
| Dec-26       | 293.9                                  | 159.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 26.16   | 1.8726   |               |
| Jan-27       | 294.4                                  | 160.0   | 1.24   | 2.78   | 0   | 0   | 32.83  | 26.16   | 1.8726   |               |
| Feb-27       | 294.8                                  | 160.3   | 1.11   | 2.54   | 0   | 0   | 31.93  | 26.16   | 1.8726   |               |
| Mar-27       | 295.3                                  | 160.5   | 1.34   | 2.40   | 0   | 0   | 36.85  | 26.16   | 1.8726   |               |
| Apr-27       | 295.8                                  | 160.8   | 1.25   | 2.52   | 3   | 0   | 43.73  | 26.16   | 1.8726   |               |
| May-27       | 296.3                                  | 161.0   | 1.32   | 2.58   | 105   | 56  | 50.90  | 26.16   | 2.3407   |               |
| Jun-27       | 296.7                                  | 161.3   | 0.75   | 2.32   | 326   | 525   | 58.75  | 26.16   | 2.3407   |               |
| Jul-27       | 297.2                                  | 161.6   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 26.16   | 2.3407   |               |
| Aug-27       | 297.7                                  | 161.8   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 26.16   | 2.3407   |               |
| Sep-27       | 298.2                                  | 162.1   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 26.16   | 2.3407   |               |
| Oct-27       | 298.7                                  | 162.3   | 0.79   | 1.08   | 864   | 854   | 63.78  | 26.16   | 1.8726   |               |
| Nov-27       | 299.1                                  | 162.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 26.16   | 1.8726   |               |
| Dec-27       | 299.6                                  | 162.9   | 1.49   | 2.47   | 0   | 0   | 40.80  | 26.16   | 1.8726   |               |
| Jan-28       | 300.1                                  | 163.1   | 1.24   | 2.78   | 0   | 0   | 32.83  | 26.16   | 1.8726   |               |
| Feb-28       | 300.6                                  | 163.4   | 1.11   | 2.54   | 0   | 0   | 31.93  | 26.16   | 1.8726   |               |
| Mar-28       | 301.1                                  | 163.7   | 1.34   | 2.40   | 0   | 0   | 36.85  | 26.16   | 1.8726   |               |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |  |
|--------------|--|---|--|--|---|---|--|---|--|--|
| Apr-28       | 301.6                                  | 163.9   | 1.25   | 2.52   | 3   | 0   | 43.73  | 26.16   | 1.8726   |  |
| May-28       | 302.0                                  | 164.2   | 1.32   | 2.58   | 105   | 56  | 50.90  | 26.16   | 2.3407   |  |
| Jun-28       | 302.5                                  | 164.4   | 0.75   | 2.32   | 326   | 525   | 58.75  | 26.16   | 2.3407   |  |
| Jul-28       | 303.0                                  | 164.7   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 26.16   | 2.3407   |  |
| Aug-28       | 303.5                                  | 165.0   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 26.16   | 2.3407   |  |
| Sep-28       | 304.0                                  | 165.2   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 26.16   | 2.3407   |  |
| Oct-28       | 304.5                                  | 165.5   | 0.79   | 1.08   | 864   | 854   | 63.78  | 26.16   | 1.8726   |  |
| Nov-28       | 305.0                                  | 165.8   | 1.33   | 1.73   | 146   | 146   | 52.43  | 26.16   | 1.8726   |  |
| Dec-28       | 305.5                                  | 166.0   | 1.49   | 2.47   | 0   | 0   | 40.80  | 26.16   | 1.8726   |  |
| Jan-29       | 306.0                                  | 166.3   | 1.24   | 2.78   | 0   | 0   | 32.83  | 26.16   | 1.8726   |  |
| Feb-29       | 306.4                                  | 166.6   | 1.11   | 2.54   | 0   | 0   | 31.93  | 26.16   | 1.8726   |  |
| Mar-29       | 306.9                                  | 166.8   | 1.34   | 2.40   | 0   | 0   | 36.85  | 26.16   | 1.8726   |  |
| Apr-29       | 307.4                                  | 167.1   | 1.25   | 2.52   | 3   | 0   | 43.73  | 26.16   | 1.8726   |  |
| May-29       | 307.9                                  | 167.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 26.16   | 2.3407   |  |
| Jun-29       | 308.4                                  | 167.6   | 0.75   | 2.32   | 326   | 525   | 58.75  | 26.16   | 2.3407   |  |
| Jul-29       | 308.9                                  | 167.9   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 26.16   | 2.3407   |  |
| Aug-29       | 309.4                                  | 168.2   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 26.16   | 2.3407   |  |
| Sep-29       | 309.9                                  | 168.5   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 26.16   | 2.3407   |  |
| Oct-29       | 310.4                                  | 168.7   | 0.79   | 1.08   | 864   | 854   | 63.78  | 26.16   | 1.8726   |  |
| Nov-29       | 310.9                                  | 169.0   | 1.33   | 1.73   | 146   | 146   | 52.43  | 26.16   | 1.8726   |  |
| Dec-29       | 311.4                                  | 169.3   | 1.49   | 2.47   | 0   | 0   | 40.80  | 26.16   | 1.8726   |  |
| Jan-30       | 311.9                                  | 169.5   | 1.24   | 2.78   | 0   | 0   | 32.83  | 26.16   | 1.8726   |  |
| Feb-30       | 312.4                                  | 169.8   | 1.11   | 2.54   | 0   | 0   | 31.93  | 26.16   | 1.8726   |  |
| Mar-30       | 312.9                                  | 170.1   | 1.34   | 2.40   | 0   | 0   | 36.85  | 26.16   | 1.8726   |  |
| Apr-30       | 313.4                                  | 170.4   | 1.25   | 2.52   | 3   | 0   | 43.73  | 26.16   | 1.8726   |  |
| May-30       | 313.9                                  | 170.6   | 1.32   | 2.58   | 105   | 56  | 50.90  | 26.16   | 2.3407   |  |
| Jun-30       | 314.4                                  | 170.9   | 0.75   | 2.32   | 326   | 525   | 58.75  | 28.26   | 2.5287   |  |
| Jul-30       | 314.9                                  | 171.2   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 28.26   | 2.5287   |  |
| Aug-30       | 315.4                                  | 171.5   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 28.26   | 2.5287   |  |
| Sep-30       | 315.9                                  | 171.7   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 28.26   | 2.5287   |  |
| Oct-30       | 316.5                                  | 172.0   | 0.79   | 1.08   | 864   | 854   | 63.78  | 28.26   | 2.0229   |  |
| Nov-30       | 317.0                                  | 172.3   | 1.33   | 1.73   | 146   | 146   | 52.43  | 28.26   | 2.0229   |  |
| Dec-30       | 317.5                                  | 172.6   | 1.49   | 2.47   | 0   | 0   | 40.80  | 28.26   | 2.0229   |  |
| Jan-31       | 318.0                                  | 172.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 28.26   | 2.0229   |  |
| Feb-31       | 318.5                                  | 173.1   | 1.11   | 2.54   | 0   | 0   | 31.93  | 28.26   | 2.0229   |  |
| Mar-31       | 319.0                                  | 173.4   | 1.34   | 2.40   | 0   | 0   | 36.85  | 28.26   | 2.0229   |  |
| Apr-31       | 319.6                                  | 173.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 28.26   | 2.0229   |  |
| May-31       | 320.1                                  | 174.0   | 1.32   | 2.58   | 105   | 56  | 50.90  | 28.26   | 2.5287   |  |
| Jun-31       | 320.6                                  | 174.3   | 0.75   | 2.32   | 326   | 525   | 58.75  | 28.26   | 2.5287   |  |
| Jul-31       | 321.1                                  | 174.5   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 28.26   | 2.5287   |  |
| Aug-31       | 321.6                                  | 174.8   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 28.26   | 2.5287   |  |
| Sep-31       | 322.2                                  | 175.1   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 28.26   | 2.5287   |  |
| Oct-31       | 322.7                                  | 175.4   | 0.79   | 1.08   | 864   | 854   | 63.78  | 28.26   | 2.0229   |  |
| Nov-31       | 323.2                                  | 175.7   | 1.33   | 1.73   | 146   | 146   | 52.43  | 28.26   | 2.0229   |  |
| Dec-31       | 323.8                                  | 176.0   | 1.49   | 2.47   | 0   | 0   | 40.80  | 28.26   | 2.0229   |  |
| Jan-32       | 324.3                                  | 176.3   | 1.24   | 2.78   | 0   | 0   | 32.83  | 28.26   | 2.0229   |  |
| Feb-32       | 324.8                                  | 176.6   | 1.11   | 2.54   | 0   | 0   | 31.93  | 28.26   | 2.0229   |  |
| Mar-32       | 325.4                                  | 176.9   | 1.34   | 2.40   | 0   | 0   | 36.85  | 28.26   | 2.0229   |  |
| Apr-32       | 325.9                                  | 177.2   | 1.25   | 2.52   | 3   | 0   | 43.73  | 28.26   | 2.0229   |  |
| May-32       | 326.4                                  | 177.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 28.26   | 2.5287   |  |
| Jun-32       | 327.0                                  | 177.7   | 0.75   | 2.32   | 326   | 525   | 58.75  | 28.26   | 2.5287   |  |
| Jul-32       | 327.5                                  | 178.0   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 28.26   | 2.5287   |  |
| Aug-32       | 328.1                                  | 178.3   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 28.26   | 2.5287   |  |
| Sep-32       | 328.6                                  | 178.6   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 28.26   | 2.5287   |  |
| Oct-32       | 329.2                                  | 178.9   | 0.79   | 1.08   | 864   | 854   | 63.78  | 28.26   | 2.0229   |  |
| Nov-32       | 329.7                                  | 179.2   | 1.33   | 1.73   | 146   | 146   | 52.43  | 28.26   | 2.0229   |  |
| Dec-32       | 330.3                                  | 179.5   | 1.49   | 2.47   | 0   | 0   | 40.80  | 28.26   | 2.0229   |  |

Forecast Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |                  |
|--------------|--|---|---|--|---|---|--|---|--|------------------|
| Jan-33       | 330.8                                  | 179.8   | 1.24  | 2.78   | 0   | 0   | 32.83  | 28.26   | 2.0229   |                  |
| Feb-33       | 331.4                                  | 180.1   | 1.11  | 2.54   | 0   | 0   | 31.93  | 28.26   | 2.0229   |                  |
| Mar-33       | 331.9                                  | 180.4   | 1.34  | 2.40   | 0   | 0   | 36.85  | 28.26   | 2.0229   |                  |
| Apr-33       | 332.5                                  | 180.7   | 1.25  | 2.52   | 3   | 0   | 43.73  | 28.26   | 2.0229   |                  |
| May-33       | 333.0                                  | 181.0   | 1.32  | 2.58   | 105   | 56  | 50.90  | 28.26   | 2.5287   |                  |
| Jun-33       | 333.6                                  | 181.3   | 0.75  | 2.32   | 326   | 525   | 58.75  | 28.26   | 2.5287   |                  |
| Jul-33       | 334.1                                  | 181.6   | 0.32  | 1.57   | 792   | 1,049   | 66.93  | 28.26   | 2.5287   |                  |
| Aug-33       | 334.7                                  | 181.9   | 0.27  | 0.83   | 1,399   | 1,403   | 72.63  | 28.26   | 2.5287   |                  |
| Sep-33       | 335.2                                  | 182.2   | 0.55  | 0.71   | 1,291   | 1,301   | 71.68  | 28.26   | 2.5287   |                  |
| Oct-33       | 335.8                                  | 182.5   | 0.79  | 1.08   | 864   | 854   | 63.78  | 28.26   | 2.0229   |                  |
| Nov-33       | 336.3                                  | 182.8   | 1.33  | 1.73   | 146   | 146   | 52.43  | 28.26   | 2.0229   |                  |
| Dec-33       | 336.9                                  | 183.1   | 1.49  | 2.47   | 0   | 0   | 40.80  | 28.26   | 2.0229   |                  |
| Jan-34       | 337.5                                  | 183.4   | 1.24  | 2.78   | 0   | 0   | 32.83  | 28.26   | 2.0229   | Forecast<br>Data |
| Feb-34       | 338.0                                  | 183.7   | 1.11  | 2.54   | 0   | 0   | 31.93  | 28.26   | 2.0229   |                  |
| Mar-34       | 338.6                                  | 184.0   | 1.34  | 2.40   | 0   | 0   | 36.85  | 28.26   | 2.0229   |                  |
| Apr-34       | 339.1                                  | 184.3   | 1.25  | 2.52   | 3   | 0   | 43.73  | 28.26   | 2.0229   |                  |
| May-34       | 339.7                                  | 184.7   | 1.32  | 2.58   | 105   | 56  | 50.90  | 28.26   | 2.5287   |                  |
| Jun-34       | 340.2                                  | 185.0   | 0.75  | 2.32   | 326   | 525   | 58.75  | 30.58   | 2.7365   |                  |
| Jul-34       | 340.8                                  | 185.3   | 0.32  | 1.57   | 792   | 1,049   | 66.93  | 30.58   | 2.7365   |                  |
| Aug-34       | 341.4                                  | 185.6   | 0.27  | 0.83   | 1,399   | 1,403   | 72.63  | 30.58   | 2.7365   |                  |
| Sep-34       | 342.0                                  | 185.9   | 0.55  | 0.71   | 1,291   | 1,301   | 71.68  | 30.58   | 2.7365   |                  |
| Oct-34       | 342.6                                  | 186.2   | 0.79  | 1.08   | 864   | 854   | 63.78  | 30.58   | 2.1892   |                  |
| Nov-34       | 343.2                                  | 186.5   | 1.33  | 1.73   | 146   | 146   | 52.43  | 30.58   | 2.1892   |                  |
| Dec-34       | 343.8                                  | 186.9   | 1.49  | 2.47   | 0   | 0   | 40.80  | 30.58   | 2.1892   |                  |
| Jan-35       | 344.4                                  | 187.2   | 1.24  | 2.78   | 0   | 0   | 32.83  | 30.58   | 2.1892   |                  |
| Feb-35       | 344.9                                  | 187.5   | 1.11  | 2.54   | 0   | 0   | 31.93  | 30.58   | 2.1892   |                  |
| Mar-35       | 345.5                                  | 187.8   | 1.34  | 2.40   | 0   | 0   | 36.85  | 30.58   | 2.1892   |                  |
| Apr-35       | 346.1                                  | 188.2   | 1.25  | 2.52   | 3   | 0   | 43.73  | 30.58   | 2.1892   |                  |
| May-35       | 346.7                                  | 188.5   | 1.32  | 2.58   | 105   | 56  | 50.90  | 30.58   | 2.7365   |                  |
| Jun-35       | 347.3                                  | 188.8   | 0.75  | 2.32   | 326   | 525   | 58.75  | 30.58   | 2.7365   |                  |
| Jul-35       | 347.9                                  | 189.1   | 0.32  | 1.57   | 792   | 1,049   | 66.93  | 30.58   | 2.7365   |                  |
| Aug-35       | 348.5                                  | 189.4   | 0.27  | 0.83   | 1,399   | 1,403   | 72.63  | 30.58   | 2.7365   |                  |
| Sep-35       | 349.1                                  | 189.8   | 0.55  | 0.71   | 1,291   | 1,301   | 71.68  | 30.58   | 2.7365   |                  |
| Oct-35       | 349.7                                  | 190.1   | 0.79  | 1.08   | 864   | 854   | 63.78  | 30.58   | 2.1892   |                  |
| Nov-35       | 350.3                                  | 190.4   | 1.33  | 1.73   | 146   | 146   | 52.43  | 30.58   | 2.1892   |                  |
| Dec-35       | 350.9                                  | 190.7   | 1.49  | 2.47   | 0   | 0   | 40.80  | 30.58   | 2.1892   |                  |
| Jan-36       | 351.5                                  | 191.0   | 1.24  | 2.78   | 0   | 0   | 32.83  | 30.58   | 2.1892   |                  |
| Feb-36       | 352.0                                  | 191.4   | 1.11  | 2.54   | 0   | 0   | 31.93  | 30.58   | 2.1892   |                  |
| Mar-36       | 352.6                                  | 191.7   | 1.34  | 2.40   | 0   | 0   | 36.85  | 30.58   | 2.1892   |                  |
| Apr-36       | 353.2                                  | 192.0   | 1.25  | 2.52   | 3   | 0   | 43.73  | 30.58   | 2.1892   |                  |
| May-36       | 353.8                                  | 192.3   | 1.32  | 2.58   | 105   | 56  | 50.90  | 30.58   | 2.7365   |                  |
| Jun-36       | 354.4                                  | 192.7   | 0.75  | 2.32   | 326   | 525   | 58.75  | 30.58   | 2.7365   |                  |
| Jul-36       | 355.0                                  | 193.0   | 0.32  | 1.57   | 792   | 1,049   | 66.93  | 30.58   | 2.7365   |                  |
| Aug-36       | 355.6                                  | 193.3   | 0.27  | 0.83   | 1,399   | 1,403   | 72.63  | 30.58   | 2.7365   |                  |
| Sep-36       | 356.2                                  | 193.6   | 0.55  | 0.71   | 1,291   | 1,301   | 71.68  | 30.58   | 2.7365   |                  |
| Oct-36       | 356.8                                  | 194.0   | 0.79  | 1.08   | 864   | 854   | 63.78  | 30.58   | 2.1892   |                  |
| Nov-36       | 357.4                                  | 194.3   | 1.33  | 1.73   | 146   | 146   | 52.43  | 30.58   | 2.1892   |                  |
| Dec-36       | 358.0                                  | 194.6   | 1.49  | 2.47   | 0   | 0   | 40.80  | 30.58   | 2.1892   |                  |
| Jan-37       | 358.6                                  | 194.9   | 1.24  | 2.78   | 0   | 0   | 32.83  | 30.58   | 2.1892   |                  |
| Feb-37       | 359.2                                  | 195.3   | 1.11  | 2.54   | 0   | 0   | 31.93  | 30.58   | 2.1892   |                  |
| Mar-37       | 359.8                                  | 195.6   | 1.34  | 2.40   | 0   | 0   | 36.85  | 30.58   | 2.1892   |                  |
| Apr-37       | 360.4                                  | 195.9   | 1.25  | 2.52   | 3   | 0   | 43.73  | 30.58   | 2.1892   |                  |
| May-37       | 361.0                                  | 196.2   | 1.32  | 2.58   | 105   | 56  | 50.90  | 30.58   | 2.7365   |                  |
| Jun-37       | 361.6                                  | 196.6   | 0.75  | 2.32   | 326   | 525   | 58.75  | 30.58   | 2.7365   |                  |
| Jul-37       | 362.2                                  | 196.9   | 0.32  | 1.57   | 792   | 1,049   | 66.93  | 30.58   | 2.7365   |                  |
| Aug-37       | 362.8                                  | 197.2   | 0.27  | 0.83   | 1,399   | 1,403   | 72.63  | 30.58   | 2.7365   |                  |
| Sep-37       | 363.4                                  | 197.6   | 0.55  | 0.71   | 1,291   | 1,301   | 71.68  | 30.58   | 2.7365   |                  |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |          |
|--------------|--|---|--|--|---|---|--|---|--|----------|
| Oct-37       | 364.0                                  | 197.9   | 0.79   | 1.08   | 864   | 854   | 63.78  | 30.58   | 2.1892   |          |
| Nov-37       | 364.6                                  | 198.2   | 1.33   | 1.73   | 146   | 146   | 52.43  | 30.58   | 2.1892   |          |
| Dec-37       | 365.2                                  | 198.5   | 1.49   | 2.47   | 0   | 0   | 40.80  | 30.58   | 2.1892   |          |
| Jan-38       | 365.9                                  | 198.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 30.58   | 2.1892   |          |
| Feb-38       | 366.5                                  | 199.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 30.58   | 2.1892   |          |
| Mar-38       | 367.1                                  | 199.5   | 1.34   | 2.40   | 0   | 0   | 36.85  | 30.58   | 2.1892   |          |
| Apr-38       | 367.7                                  | 199.9   | 1.25   | 2.52   | 3   | 0   | 43.73  | 30.58   | 2.1892   |          |
| May-38       | 368.3                                  | 200.2   | 1.32   | 2.58   | 105   | 56  | 50.90  | 30.58   | 2.7365   |          |
| Jun-38       | 368.9                                  | 200.5   | 0.75   | 2.32   | 326   | 525   | 58.75  | 33.16   | 2.9669   |          |
| Jul-38       | 369.5                                  | 200.9   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 33.16   | 2.9669   |          |
| Aug-38       | 370.1                                  | 201.2   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 33.16   | 2.9669   |          |
| Sep-38       | 370.8                                  | 201.5   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 33.16   | 2.9669   | Forecast |
| Oct-38       | 371.4                                  | 201.9   | 0.79   | 1.08   | 864   | 854   | 63.78  | 33.16   | 2.3735   | Data     |
| Nov-38       | 372.0                                  | 202.2   | 1.33   | 1.73   | 146   | 146   | 52.43  | 33.16   | 2.3735   |          |
| Dec-38       | 372.6                                  | 202.6   | 1.49   | 2.47   | 0   | 0   | 40.80  | 33.16   | 2.3735   |          |
| Jan-39       | 373.3                                  | 202.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 33.16   | 2.3735   |          |
| Feb-39       | 373.9                                  | 203.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 33.16   | 2.3735   |          |
| Mar-39       | 374.5                                  | 203.6   | 1.34   | 2.40   | 0   | 0   | 36.85  | 33.16   | 2.3735   |          |
| Apr-39       | 375.1                                  | 203.9   | 1.25   | 2.52   | 3   | 0   | 43.73  | 33.16   | 2.3735   |          |
| May-39       | 375.8                                  | 204.3   | 1.32   | 2.58   | 105   | 56  | 50.90  | 33.16   | 2.9669   |          |
| Jun-39       | 376.4                                  | 204.6   | 0.75   | 2.32   | 326   | 525   | 58.75  | 33.16   | 2.9669   |          |
| Jul-39       | 377.0                                  | 204.9   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 33.16   | 2.9669   |          |
| Aug-39       | 377.6                                  | 205.3   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 33.16   | 2.9669   |          |
| Sep-39       | 378.3                                  | 205.6   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 33.16   | 2.9669   |          |
| Oct-39       | 378.9                                  | 206.0   | 0.79   | 1.08   | 864   | 854   | 63.78  | 33.16   | 2.3735   |          |
| Nov-39       | 379.5                                  | 206.3   | 1.33   | 1.73   | 146   | 146   | 52.43  | 33.16   | 2.3735   |          |
| Dec-39       | 380.2                                  | 206.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 33.16   | 2.3735   |          |
| Jan-40       | 380.8                                  | 207.0   | 1.24   | 2.78   | 0   | 0   | 32.83  | 33.16   | 2.3735   |          |
| Feb-40       | 381.4                                  | 207.3   | 1.11   | 2.54   | 0   | 0   | 31.93  | 33.16   | 2.3735   |          |
| Mar-40       | 382.1                                  | 207.7   | 1.34   | 2.40   | 0   | 0   | 36.85  | 33.16   | 2.3735   |          |
| Apr-40       | 382.7                                  | 208.0   | 1.25   | 2.52   | 3   | 0   | 43.73  | 33.16   | 2.3735   |          |
| May-40       | 383.3                                  | 208.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 33.16   | 2.9669   |          |
| Jun-40       | 384.0                                  | 208.7   | 0.75   | 2.32   | 326   | 525   | 58.75  | 33.16   | 2.9669   |          |
| Jul-40       | 384.6                                  | 209.1   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 33.16   | 2.9669   |          |
| Aug-40       | 385.3                                  | 209.4   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 33.16   | 2.9669   |          |
| Sep-40       | 386.0                                  | 209.8   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 33.16   | 2.9669   |          |
| Oct-40       | 386.7                                  | 210.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 33.16   | 2.3735   |          |
| Nov-40       | 387.3                                  | 210.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 33.16   | 2.3735   |          |
| Dec-40       | 388.0                                  | 210.9   | 1.49   | 2.47   | 0   | 0   | 40.80  | 33.16   | 2.3735   |          |
| Jan-41       | 388.7                                  | 211.3   | 1.24   | 2.78   | 0   | 0   | 32.83  | 33.16   | 2.3735   |          |
| Feb-41       | 389.4                                  | 211.7   | 1.11   | 2.54   | 0   | 0   | 31.93  | 33.16   | 2.3735   |          |
| Mar-41       | 390.1                                  | 212.0   | 1.34   | 2.40   | 0   | 0   | 36.85  | 33.16   | 2.3735   |          |
| Apr-41       | 390.8                                  | 212.4   | 1.25   | 2.52   | 3   | 0   | 43.73  | 33.16   | 2.3735   |          |
| May-41       | 391.4                                  | 212.8   | 1.32   | 2.58   | 105   | 56  | 50.90  | 33.16   | 2.9669   |          |
| Jun-41       | 392.1                                  | 213.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 35.81   | 2.9669   |          |
| Jul-41       | 392.8                                  | 213.5   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 35.81   | 2.9669   |          |
| Aug-41       | 393.5                                  | 213.9   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 35.81   | 2.9669   |          |
| Sep-41       | 394.2                                  | 214.3   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 35.81   | 2.9669   |          |
| Oct-41       | 394.9                                  | 214.6   | 0.79   | 1.08   | 864   | 854   | 63.78  | 35.81   | 2.3735   |          |
| Nov-41       | 395.5                                  | 215.0   | 1.33   | 1.73   | 146   | 146   | 52.43  | 35.81   | 2.3735   |          |
| Dec-41       | 396.2                                  | 215.4   | 1.49   | 2.47   | 0   | 0   | 40.80  | 35.81   | 2.3735   |          |
| Jan-42       | 396.9                                  | 215.8   | 1.24   | 2.78   | 0   | 0   | 32.83  | 35.81   | 2.3735   |          |
| Feb-42       | 397.6                                  | 216.1   | 1.11   | 2.54   | 0   | 0   | 31.93  | 35.81   | 2.3735   |          |
| Mar-42       | 398.3                                  | 216.5   | 1.34   | 2.40   | 0   | 0   | 36.85  | 35.81   | 2.3735   |          |
| Apr-42       | 399.0                                  | 216.9   | 1.25   | 2.52   | 3   | 0   | 43.73  | 35.81   | 2.3735   |          |
| May-42       | 399.6                                  | 217.2   | 1.32   | 2.58   | 105   | 56  | 50.90  | 35.81   | 2.9669   |          |
| Jun-42       | 400.3                                  | 217.6   | 0.75   | 2.32   | 326   | 525   | 58.75  | 38.86   | 3.2197   |          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |          |
|--------------|--|---|--|--|---|---|--|---|--|----------|
| Jul-42       | 401.0                                  | 218.0   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 38.86   | 3.2197   |          |
| Aug-42       | 401.7                                  | 218.4   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 38.86   | 3.2197   |          |
| Sep-42       | 402.4                                  | 218.7   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 38.86   | 3.2197   |          |
| Oct-42       | 403.1                                  | 219.1   | 0.79   | 1.08   | 864   | 854   | 63.78  | 38.86   | 2.5758   |          |
| Nov-42       | 403.8                                  | 219.5   | 1.33   | 1.73   | 146   | 146   | 52.43  | 38.86   | 2.5758   |          |
| Dec-42       | 404.5                                  | 219.9   | 1.49   | 2.47   | 0   | 0   | 40.80  | 38.86   | 2.5758   |          |
| Jan-43       | 405.2                                  | 220.3   | 1.24   | 2.78   | 0   | 0   | 32.83  | 38.86   | 2.5758   |          |
| Feb-43       | 405.9                                  | 220.6   | 1.11   | 2.54   | 0   | 0   | 31.93  | 38.86   | 2.5758   |          |
| Mar-43       | 406.6                                  | 221.0   | 1.34   | 2.40   | 0   | 0   | 36.85  | 38.86   | 2.5758   |          |
| Apr-43       | 407.3                                  | 221.4   | 1.25   | 2.52   | 3   | 0   | 43.73  | 38.86   | 2.5758   |          |
| May-43       | 408.0                                  | 221.8   | 1.32   | 2.58   | 105   | 56  | 50.90  | 38.86   | 3.2197   |          |
| Jun-43       | 408.7                                  | 222.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 38.86   | 3.2197   |          |
| Jul-43       | 409.4                                  | 222.5   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 38.86   | 3.2197   | Forecast |
| Aug-43       | 410.1                                  | 222.9   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 38.86   | 3.2197   | Data     |
| Sep-43       | 410.8                                  | 223.3   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 38.86   | 3.2197   |          |
| Oct-43       | 411.6                                  | 223.7   | 0.79   | 1.08   | 864   | 854   | 63.78  | 38.86   | 2.5758   |          |
| Nov-43       | 412.3                                  | 224.1   | 1.33   | 1.73   | 146   | 146   | 52.43  | 38.86   | 2.5758   |          |
| Dec-43       | 413.0                                  | 224.5   | 1.49   | 2.47   | 0   | 0   | 40.80  | 38.86   | 2.5758   |          |
| Jan-44       | 413.7                                  | 224.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 38.86   | 2.5758   |          |
| Feb-44       | 414.4                                  | 225.3   | 1.11   | 2.54   | 0   | 0   | 31.93  | 38.86   | 2.5758   |          |
| Mar-44       | 415.1                                  | 225.7   | 1.34   | 2.40   | 0   | 0   | 36.85  | 38.86   | 2.5758   |          |
| Apr-44       | 415.9                                  | 226.1   | 1.25   | 2.52   | 3   | 0   | 43.73  | 38.86   | 2.5758   |          |
| May-44       | 416.6                                  | 226.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 38.86   | 3.2197   |          |
| Jun-44       | 417.3                                  | 226.8   | 0.75   | 2.32   | 326   | 525   | 58.75  | 38.86   | 3.2197   |          |
| Jul-44       | 418.0                                  | 227.2   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 38.86   | 3.2197   |          |
| Aug-44       | 418.7                                  | 227.6   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 38.86   | 3.2197   |          |
| Sep-44       | 419.5                                  | 228.0   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 38.86   | 3.2197   |          |
| Oct-44       | 420.2                                  | 228.4   | 0.79   | 1.08   | 864   | 854   | 63.78  | 38.86   | 2.5758   |          |
| Nov-44       | 420.9                                  | 228.8   | 1.33   | 1.73   | 146   | 146   | 52.43  | 38.86   | 2.5758   |          |
| Dec-44       | 421.7                                  | 229.2   | 1.49   | 2.47   | 0   | 0   | 40.80  | 38.86   | 2.5758   |          |
| Jan-45       | 422.4                                  | 229.6   | 1.24   | 2.78   | 0   | 0   | 32.83  | 38.86   | 2.5758   |          |
| Feb-45       | 423.1                                  | 230.0   | 1.11   | 2.54   | 0   | 0   | 31.93  | 38.86   | 2.5758   |          |
| Mar-45       | 423.9                                  | 230.4   | 1.34   | 2.40   | 0   | 0   | 36.85  | 38.86   | 2.5758   |          |
| Apr-45       | 424.6                                  | 230.8   | 1.25   | 2.52   | 3   | 0   | 43.73  | 38.86   | 2.5758   |          |
| May-45       | 425.3                                  | 231.2   | 1.32   | 2.58   | 105   | 56  | 50.90  | 38.86   | 3.2197   |          |
| Jun-45       | 426.0                                  | 231.6   | 0.75   | 2.32   | 326   | 525   | 58.75  | 38.86   | 3.2197   |          |
| Jul-45       | 426.8                                  | 232.0   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 38.86   | 3.2197   |          |
| Aug-45       | 427.5                                  | 232.4   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 38.86   | 3.2197   |          |
| Sep-45       | 428.3                                  | 232.8   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 38.86   | 3.2197   |          |
| Oct-45       | 429.0                                  | 233.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 38.86   | 2.5758   |          |
| Nov-45       | 429.8                                  | 233.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 38.86   | 2.5758   |          |
| Dec-45       | 430.5                                  | 234.0   | 1.49   | 2.47   | 0   | 0   | 40.80  | 38.86   | 2.5758   |          |
| Jan-46       | 431.3                                  | 234.4   | 1.24   | 2.78   | 0   | 0   | 32.83  | 38.86   | 2.5758   |          |
| Feb-46       | 432.0                                  | 234.8   | 1.11   | 2.54   | 0   | 0   | 31.93  | 38.86   | 2.5758   |          |
| Mar-46       | 432.8                                  | 235.2   | 1.34   | 2.40   | 0   | 0   | 36.85  | 38.86   | 2.5758   |          |
| Apr-46       | 433.5                                  | 235.6   | 1.25   | 2.52   | 3   | 0   | 43.73  | 38.86   | 2.5758   |          |
| May-46       | 434.2                                  | 236.1   | 1.32   | 2.58   | 105   | 56  | 50.90  | 38.86   | 3.2197   |          |
| Jun-46       | 435.0                                  | 236.5   | 0.75   | 2.32   | 326   | 525   | 58.75  | 42.23   | 3.4986   |          |
| Jul-46       | 435.7                                  | 236.9   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 42.23   | 3.4986   |          |
| Aug-46       | 436.5                                  | 237.3   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 42.23   | 3.4986   |          |
| Sep-46       | 437.3                                  | 237.7   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 42.23   | 3.4986   |          |
| Oct-46       | 438.0                                  | 238.1   | 0.79   | 1.08   | 864   | 854   | 63.78  | 42.23   | 2.7989   |          |
| Nov-46       | 438.8                                  | 238.5   | 1.33   | 1.73   | 146   | 146   | 52.43  | 42.23   | 2.7989   |          |
| Dec-46       | 439.6                                  | 238.9   | 1.49   | 2.47   | 0   | 0   | 40.80  | 42.23   | 2.7989   |          |
| Jan-47       | 440.3                                  | 239.4   | 1.24   | 2.78   | 0   | 0   | 32.83  | 42.23   | 2.7989   |          |
| Feb-47       | 441.1                                  | 239.8   | 1.11   | 2.54   | 0   | 0   | 31.93  | 42.23   | 2.7989   |          |
| Mar-47       | 441.8                                  | 240.2   | 1.34   | 2.40   | 0   | 0   | 36.85  | 42.23   | 2.7989   |          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Degree Days</u><br>Deg. Days<br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>Days<br>WGDD | <u>Boise Weighted Average Temperature</u><br>Temp.<br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |          |
|--------------|--|---|--|--|--|---|---|---|--|----------|
| Apr-47       | 442.6                                  | 240.6   | 1.25   | 2.52   | 3  | 0   | 43.73   | 42.23   | 2.7989   |          |
| May-47       | 443.4                                  | 241.0   | 1.32   | 2.58   | 105  | 56  | 50.90   | 42.23   | 3.4986   |          |
| Jun-47       | 444.1                                  | 241.4   | 0.75   | 2.32   | 326  | 525   | 58.75   | 42.23   | 3.4986   |          |
| Jul-47       | 444.9                                  | 241.8   | 0.32   | 1.57   | 792  | 1,049   | 66.93   | 42.23   | 3.4986   |          |
| Aug-47       | 445.7                                  | 242.3   | 0.27   | 0.83   | 1,399  | 1,403   | 72.63   | 42.23   | 3.4986   |          |
| Sep-47       | 446.4                                  | 242.7   | 0.55   | 0.71   | 1,291  | 1,301   | 71.68   | 42.23   | 3.4986   |          |
| Oct-47       | 447.2                                  | 243.1   | 0.79   | 1.08   | 864  | 854   | 63.78   | 42.23   | 2.7989   |          |
| Nov-47       | 448.0                                  | 243.5   | 1.33   | 1.73   | 146  | 146   | 52.43   | 42.23   | 2.7989   |          |
| Dec-47       | 448.8                                  | 244.0   | 1.49   | 2.47   | 0  | 0   | 40.80   | 42.23   | 2.7989   |          |
| Jan-48       | 449.6                                  | 244.4   | 1.24   | 2.78   | 0  | 0   | 32.83   | 42.23   | 2.7989   |          |
| Feb-48       | 450.3                                  | 244.8   | 1.11   | 2.54   | 0  | 0   | 31.93   | 42.23   | 2.7989   |          |
| Mar-48       | 451.1                                  | 245.2   | 1.34   | 2.40   | 0  | 0   | 36.85   | 42.23   | 2.7989   |          |
| Apr-48       | 451.9                                  | 245.7   | 1.25   | 2.52   | 3  | 0   | 43.73   | 42.23   | 2.7989   | Forecast |
| May-48       | 452.7                                  | 246.1   | 1.32   | 2.58   | 105  | 56  | 50.90   | 42.23   | 3.4986   | Data     |
| Jun-48       | 453.5                                  | 246.5   | 0.75   | 2.32   | 326  | 525   | 58.75   | 42.23   | 3.4986   |          |
| Jul-48       | 454.2                                  | 246.9   | 0.32   | 1.57   | 792  | 1,049   | 66.93   | 42.23   | 3.4986   |          |
| Aug-48       | 455.0                                  | 247.4   | 0.27   | 0.83   | 1,399  | 1,403   | 72.63   | 42.23   | 3.4986   |          |
| Sep-48       | 455.8                                  | 247.8   | 0.55   | 0.71   | 1,291  | 1,301   | 71.68   | 42.23   | 3.4986   |          |
| Oct-48       | 456.6                                  | 248.2   | 0.79   | 1.08   | 864  | 854   | 63.78   | 42.23   | 2.7989   |          |
| Nov-48       | 457.4                                  | 248.6   | 1.33   | 1.73   | 146  | 146   | 52.43   | 42.23   | 2.7989   |          |
| Dec-48       | 458.2                                  | 249.1   | 1.49   | 2.47   | 0  | 0   | 40.80   | 42.23   | 2.7989   |          |
| Jan-49       | 459.0                                  | 249.5   | 1.24   | 2.78   | 0  | 0   | 32.83   | 42.23   | 2.7989   |          |
| Feb-49       | 459.8                                  | 249.9   | 1.11   | 2.54   | 0  | 0   | 31.93   | 42.23   | 2.7989   |          |
| Mar-49       | 460.6                                  | 250.4   | 1.34   | 2.40   | 0  | 0   | 36.85   | 42.23   | 2.7989   |          |
| Apr-49       | 461.4                                  | 250.8   | 1.25   | 2.52   | 3  | 0   | 43.73   | 42.23   | 2.7989   |          |
| May-49       | 462.2                                  | 251.2   | 1.32   | 2.58   | 105  | 56  | 50.90   | 42.23   | 3.4986   |          |
| Jun-49       | 463.0                                  | 251.7   | 0.75   | 2.32   | 326  | 525   | 58.75   | 42.23   | 3.4986   |          |
| Jul-49       | 463.8                                  | 252.1   | 0.32   | 1.57   | 792  | 1,049   | 66.93   | 42.23   | 3.4986   |          |
| Aug-49       | 464.6                                  | 252.5   | 0.27   | 0.83   | 1,399  | 1,403   | 72.63   | 42.23   | 3.4986   |          |
| Sep-49       | 465.4                                  | 253.0   | 0.55   | 0.71   | 1,291  | 1,301   | 71.68   | 42.23   | 3.4986   |          |
| Oct-49       | 466.2                                  | 253.4   | 0.79   | 1.08   | 864  | 854   | 63.78   | 42.23   | 2.7989   |          |
| Nov-49       | 467.0                                  | 253.9   | 1.33   | 1.73   | 146  | 146   | 52.43   | 42.23   | 2.7989   |          |
| Dec-49       | 467.8                                  | 254.3   | 1.49   | 2.47   | 0  | 0   | 40.80   | 42.23   | 2.7989   |          |
| Jan-50       | 468.6                                  | 254.8   | 1.24   | 2.78   | 0  | 0   | 32.83   | 42.23   | 2.7989   |          |
| Feb-50       | 469.5                                  | 255.2   | 1.11   | 2.54   | 0  | 0   | 31.93   | 42.23   | 2.7989   |          |
| Mar-50       | 470.3                                  | 255.6   | 1.34   | 2.40   | 0  | 0   | 36.85   | 42.23   | 2.7989   |          |
| Apr-50       | 471.1                                  | 256.1   | 1.25   | 2.52   | 3  | 0   | 43.73   | 42.23   | 2.7989   |          |
| May-50       | 471.9                                  | 256.5   | 1.32   | 2.58   | 105  | 56  | 50.90   | 42.23   | 3.4986   |          |
| Jun-50       | 472.7                                  | 257.0   | 0.75   | 2.32   | 326  | 525   | 58.75   | 45.89   | 3.6735   |          |
| Jul-50       | 473.5                                  | 257.4   | 0.32   | 1.57   | 792  | 1,049   | 66.93   | 45.89   | 3.6735   |          |
| Aug-50       | 474.3                                  | 257.8   | 0.27   | 0.83   | 1,399  | 1,403   | 72.63   | 45.89   | 3.6735   |          |
| Sep-50       | 475.2                                  | 258.3   | 0.55   | 0.71   | 1,291  | 1,301   | 71.68   | 45.89   | 3.6735   |          |
| Oct-50       | 476.0                                  | 258.8   | 0.79   | 1.08   | 864  | 854   | 63.78   | 45.89   | 2.9388   |          |
| Nov-50       | 476.8                                  | 259.2   | 1.33   | 1.73   | 146  | 146   | 52.43   | 45.89   | 2.9388   |          |
| Dec-50       | 477.7                                  | 259.7   | 1.49   | 2.47   | 0  | 0   | 40.80   | 45.89   | 2.9388   |          |
| Jan-51       | 478.5                                  | 260.1   | 1.24   | 2.78   | 0  | 0   | 32.83   | 45.89   | 2.9388   |          |
| Feb-51       | 479.3                                  | 260.6   | 1.11   | 2.54   | 0  | 0   | 31.93   | 45.89   | 2.9388   |          |
| Mar-51       | 480.1                                  | 261.0   | 1.34   | 2.40   | 0  | 0   | 36.85   | 45.89   | 2.9388   |          |
| Apr-51       | 481.0                                  | 261.5   | 1.25   | 2.52   | 3  | 0   | 43.73   | 45.89   | 2.9388   |          |
| May-51       | 481.8                                  | 261.9   | 1.32   | 2.58   | 105  | 56  | 50.90   | 45.89   | 3.6735   |          |
| Jun-51       | 482.6                                  | 262.4   | 0.75   | 2.32   | 326  | 525   | 58.75   | 45.89   | 3.6735   |          |
| Jul-51       | 483.5                                  | 262.8   | 0.32   | 1.57   | 792  | 1,049   | 66.93   | 45.89   | 3.6735   |          |
| Aug-51       | 484.3                                  | 263.3   | 0.27   | 0.83   | 1,399  | 1,403   | 72.63   | 45.89   | 3.6735   |          |
| Sep-51       | 485.1                                  | 263.7   | 0.55   | 0.71   | 1,291  | 1,301   | 71.68   | 45.89   | 3.6735   |          |
| Oct-51       | 486.0                                  | 264.2   | 0.79   | 1.08   | 864  | 854   | 63.78   | 45.89   | 2.9388   |          |
| Nov-51       | 486.8                                  | 264.6   | 1.33   | 1.73   | 146  | 146   | 52.43   | 45.89   | 2.9388   |          |
| Dec-51       | 487.7                                  | 265.1   | 1.49   | 2.47   | 0  | 0   | 40.80   | 45.89   | 2.9388   |          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |  |
|--------------|--|---|--|--|---|---|--|---|--|--|
| Jan-52       | 488.5                                  | 265.6   | 1.24   | 2.78   | 0   | 0   | 32.83  | 45.89   | 2.9388   |  |
| Feb-52       | 489.4                                  | 266.0   | 1.11   | 2.54   | 0   | 0   | 31.93  | 45.89   | 2.9388   |  |
| Mar-52       | 490.2                                  | 266.5   | 1.34   | 2.40   | 0   | 0   | 36.85  | 45.89   | 2.9388   |  |
| Apr-52       | 491.1                                  | 266.9   | 1.25   | 2.52   | 3   | 0   | 43.73  | 45.89   | 2.9388   |  |
| May-52       | 491.9                                  | 267.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 45.89   | 3.6735   |  |
| Jun-52       | 492.8                                  | 267.9   | 0.75   | 2.32   | 326   | 525   | 58.75  | 45.89   | 3.6735   |  |
| Jul-52       | 493.6                                  | 268.3   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 45.89   | 3.6735   |  |
| Aug-52       | 494.5                                  | 268.8   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 45.89   | 3.6735   |  |
| Sep-52       | 495.3                                  | 269.3   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 45.89   | 3.6735   |  |
| Oct-52       | 496.2                                  | 269.7   | 0.79   | 1.08   | 864   | 854   | 63.78  | 45.89   | 2.9388   |  |
| Nov-52       | 497.1                                  | 270.2   | 1.33   | 1.73   | 146   | 146   | 52.43  | 45.89   | 2.9388   |  |
| Dec-52       | 497.9                                  | 270.7   | 1.49   | 2.47   | 0   | 0   | 40.80  | 45.89   | 2.9388   |  |
| Jan-53       | 498.8                                  | 271.1   | 1.24   | 2.78   | 0   | 0   | 32.83  | 45.89   | 2.9388   |  |
| Feb-53       | 499.7                                  | 271.6   | 1.11   | 2.54   | 0   | 0   | 31.93  | 45.89   | 2.9388   |  |
| Mar-53       | 500.5                                  | 272.1   | 1.34   | 2.40   | 0   | 0   | 36.85  | 45.89   | 2.9388   |  |
| Apr-53       | 501.4                                  | 272.5   | 1.25   | 2.52   | 3   | 0   | 43.73  | 45.89   | 2.9388   |  |
| May-53       | 502.2                                  | 273.0   | 1.32   | 2.58   | 105   | 56  | 50.90  | 45.89   | 3.6735   |  |
| Jun-53       | 503.1                                  | 273.5   | 0.75   | 2.32   | 326   | 525   | 58.75  | 45.89   | 3.6735   |  |
| Jul-53       | 504.0                                  | 274.0   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 45.89   | 3.6735   |  |
| Aug-53       | 504.9                                  | 274.4   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 45.89   | 3.6735   |  |
| Sep-53       | 505.7                                  | 274.9   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 45.89   | 3.6735   |  |
| Oct-53       | 506.6                                  | 275.4   | 0.79   | 1.08   | 864   | 854   | 63.78  | 45.89   | 2.9388   |  |
| Nov-53       | 507.5                                  | 275.9   | 1.33   | 1.73   | 146   | 146   | 52.43  | 45.89   | 2.9388   |  |
| Dec-53       | 508.4                                  | 276.4   | 1.49   | 2.47   | 0   | 0   | 40.80  | 45.89   | 2.9388   |  |
| Jan-54       | 509.3                                  | 276.8   | 1.24   | 2.78   | 0   | 0   | 32.83  | 45.89   | 2.9388   |  |
| Feb-54       | 510.1                                  | 277.3   | 1.11   | 2.54   | 0   | 0   | 31.93  | 45.89   | 2.9388   |  |
| Mar-54       | 511.0                                  | 277.8   | 1.34   | 2.40   | 0   | 0   | 36.85  | 45.89   | 2.9388   |  |
| Apr-54       | 511.9                                  | 278.3   | 1.25   | 2.52   | 3   | 0   | 43.73  | 45.89   | 2.9388   |  |
| May-54       | 512.8                                  | 278.8   | 1.32   | 2.58   | 105   | 56  | 50.90  | 45.89   | 3.6735   |  |
| Jun-54       | 513.7                                  | 279.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 49.87   | 3.8572   |  |
| Jul-54       | 514.6                                  | 279.7   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 49.87   | 3.8572   |  |
| Aug-54       | 515.5                                  | 280.2   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 49.87   | 3.8572   |  |
| Sep-54       | 516.4                                  | 280.7   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 49.87   | 3.8572   |  |
| Oct-54       | 517.3                                  | 281.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 49.87   | 3.0857   |  |
| Nov-54       | 518.2                                  | 281.7   | 1.33   | 1.73   | 146   | 146   | 52.43  | 49.87   | 3.0857   |  |
| Dec-54       | 519.1                                  | 282.2   | 1.49   | 2.47   | 0   | 0   | 40.80  | 49.87   | 3.0857   |  |
| Jan-55       | 520.0                                  | 282.6   | 1.24   | 2.78   | 0   | 0   | 32.83  | 49.87   | 3.0857   |  |
| Feb-55       | 520.9                                  | 283.1   | 1.11   | 2.54   | 0   | 0   | 31.93  | 49.87   | 3.0857   |  |
| Mar-55       | 521.8                                  | 283.6   | 1.34   | 2.40   | 0   | 0   | 36.85  | 49.87   | 3.0857   |  |
| Apr-55       | 522.7                                  | 284.1   | 1.25   | 2.52   | 3   | 0   | 43.73  | 49.87   | 3.0857   |  |
| May-55       | 523.6                                  | 284.6   | 1.32   | 2.58   | 105   | 56  | 50.90  | 49.87   | 3.8572   |  |
| Jun-55       | 524.5                                  | 285.1   | 0.75   | 2.32   | 326   | 525   | 58.75  | 49.87   | 3.8572   |  |
| Jul-55       | 525.4                                  | 285.6   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 49.87   | 3.8572   |  |
| Aug-55       | 526.3                                  | 286.1   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 49.87   | 3.8572   |  |
| Sep-55       | 527.2                                  | 286.6   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 49.87   | 3.8572   |  |
| Oct-55       | 528.1                                  | 287.1   | 0.79   | 1.08   | 864   | 854   | 63.78  | 49.87   | 3.0857   |  |
| Nov-55       | 529.0                                  | 287.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 49.87   | 3.0857   |  |
| Dec-55       | 530.0                                  | 288.1   | 1.49   | 2.47   | 0   | 0   | 40.80  | 49.87   | 3.0857   |  |
| Jan-56       | 530.9                                  | 288.6   | 1.24   | 2.78   | 0   | 0   | 32.83  | 49.87   | 3.0857   |  |
| Feb-56       | 531.8                                  | 289.1   | 1.11   | 2.54   | 0   | 0   | 31.93  | 49.87   | 3.0857   |  |
| Mar-56       | 532.7                                  | 289.6   | 1.34   | 2.40   | 0   | 0   | 36.85  | 49.87   | 3.0857   |  |
| Apr-56       | 533.6                                  | 290.1   | 1.25   | 2.52   | 3   | 0   | 43.73  | 49.87   | 3.0857   |  |
| May-56       | 534.6                                  | 290.6   | 1.32   | 2.58   | 105   | 56  | 50.90  | 49.87   | 3.8572   |  |
| Jun-56       | 535.5                                  | 291.1   | 0.75   | 2.32   | 326   | 525   | 58.75  | 49.87   | 3.8572   |  |
| Jul-56       | 536.4                                  | 291.6   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 49.87   | 3.8572   |  |
| Aug-56       | 537.3                                  | 292.1   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 49.87   | 3.8572   |  |
| Sep-56       | 538.3                                  | 292.6   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 49.87   | 3.8572   |  |

Forecast  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |          |
|--------------|--|---|--|--|---|---|--|---|--|----------|
| Oct-56       | 539.2                                  | 293.1   | 0.79   | 1.08   | 864   | 854   | 63.78  | 49.87   | 3.0857   |          |
| Nov-56       | 540.2                                  | 293.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 49.87   | 3.0857   |          |
| Dec-56       | 541.1                                  | 294.1   | 1.49   | 2.47   | 0   | 0   | 40.80  | 49.87   | 3.0857   |          |
| Jan-57       | 542.0                                  | 294.6   | 1.24   | 2.78   | 0   | 0   | 32.83  | 49.87   | 3.0857   |          |
| Feb-57       | 543.0                                  | 295.2   | 1.11   | 2.54   | 0   | 0   | 31.93  | 49.87   | 3.0857   |          |
| Mar-57       | 543.9                                  | 295.7   | 1.34   | 2.40   | 0   | 0   | 36.85  | 49.87   | 3.0857   |          |
| Apr-57       | 544.8                                  | 296.2   | 1.25   | 2.52   | 3   | 0   | 43.73  | 49.87   | 3.0857   |          |
| May-57       | 545.8                                  | 296.7   | 1.32   | 2.58   | 105   | 56  | 50.90  | 49.87   | 3.8572   |          |
| Jun-57       | 546.7                                  | 297.2   | 0.75   | 2.32   | 326   | 525   | 58.75  | 49.87   | 3.8572   |          |
| Jul-57       | 547.7                                  | 297.7   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 49.87   | 3.8572   |          |
| Aug-57       | 548.6                                  | 298.2   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 49.87   | 3.8572   |          |
| Sep-57       | 549.6                                  | 298.7   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 49.87   | 3.8572   | Forecast |
| Oct-57       | 550.5                                  | 299.3   | 0.79   | 1.08   | 864   | 854   | 63.78  | 49.87   | 3.0857   | Data     |
| Nov-57       | 551.5                                  | 299.8   | 1.33   | 1.73   | 146   | 146   | 52.43  | 49.87   | 3.0857   |          |
| Dec-57       | 552.5                                  | 300.3   | 1.49   | 2.47   | 0   | 0   | 40.80  | 49.87   | 3.0857   |          |
| Jan-58       | 553.4                                  | 300.8   | 1.24   | 2.78   | 0   | 0   | 32.83  | 49.87   | 3.0857   |          |
| Feb-58       | 554.4                                  | 301.4   | 1.11   | 2.54   | 0   | 0   | 31.93  | 49.87   | 3.0857   |          |
| Mar-58       | 555.3                                  | 301.9   | 1.34   | 2.40   | 0   | 0   | 36.85  | 49.87   | 3.0857   |          |
| Apr-58       | 556.3                                  | 302.4   | 1.25   | 2.52   | 3   | 0   | 43.73  | 49.87   | 3.0857   |          |
| May-58       | 557.2                                  | 302.9   | 1.32   | 2.58   | 105   | 56  | 50.90  | 49.87   | 3.8572   |          |
| Jun-58       | 558.2                                  | 303.4   | 0.75   | 2.32   | 326   | 525   | 58.75  | 54.19   | 4.0500   |          |
| Jul-58       | 559.2                                  | 304.0   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 54.19   | 4.0500   |          |
| Aug-58       | 560.1                                  | 304.5   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 54.19   | 4.0500   |          |
| Sep-58       | 561.1                                  | 305.0   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 54.19   | 4.0500   |          |
| Oct-58       | 562.1                                  | 305.6   | 0.79   | 1.08   | 864   | 854   | 63.78  | 54.19   | 3.2400   |          |
| Nov-58       | 563.1                                  | 306.1   | 1.33   | 1.73   | 146   | 146   | 52.43  | 54.19   | 3.2400   |          |
| Dec-58       | 564.1                                  | 306.6   | 1.49   | 2.47   | 0   | 0   | 40.80  | 54.19   | 3.2400   |          |
| Jan-59       | 565.0                                  | 307.1   | 1.24   | 2.78   | 0   | 0   | 32.83  | 54.19   | 3.2400   |          |
| Feb-59       | 566.0                                  | 307.7   | 1.11   | 2.54   | 0   | 0   | 31.93  | 54.19   | 3.2400   |          |
| Mar-59       | 567.0                                  | 308.2   | 1.34   | 2.40   | 0   | 0   | 36.85  | 54.19   | 3.2400   |          |
| Apr-59       | 568.0                                  | 308.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 54.19   | 3.2400   |          |
| May-59       | 568.9                                  | 309.3   | 1.32   | 2.58   | 105   | 56  | 50.90  | 54.19   | 4.0500   |          |
| Jun-59       | 569.9                                  | 309.8   | 0.75   | 2.32   | 326   | 525   | 58.75  | 54.19   | 4.0500   |          |
| Jul-59       | 570.9                                  | 310.3   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 54.19   | 4.0500   |          |
| Aug-59       | 571.9                                  | 310.9   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 54.19   | 4.0500   |          |
| Sep-59       | 572.9                                  | 311.4   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 54.19   | 4.0500   |          |
| Oct-59       | 573.9                                  | 312.0   | 0.79   | 1.08   | 864   | 854   | 63.78  | 54.19   | 3.2400   |          |
| Nov-59       | 574.9                                  | 312.5   | 1.33   | 1.73   | 146   | 146   | 52.43  | 54.19   | 3.2400   |          |
| Dec-59       | 575.9                                  | 313.1   | 1.49   | 2.47   | 0   | 0   | 40.80  | 54.19   | 3.2400   |          |
| Jan-60       | 576.9                                  | 313.6   | 1.24   | 2.78   | 0   | 0   | 32.83  | 54.19   | 3.2400   |          |
| Feb-60       | 577.9                                  | 314.1   | 1.11   | 2.54   | 0   | 0   | 31.93  | 54.19   | 3.2400   |          |
| Mar-60       | 578.9                                  | 314.7   | 1.34   | 2.40   | 0   | 0   | 36.85  | 54.19   | 3.2400   |          |
| Apr-60       | 579.9                                  | 315.2   | 1.25   | 2.52   | 3   | 0   | 43.73  | 54.19   | 3.2400   |          |
| May-60       | 580.9                                  | 315.8   | 1.32   | 2.58   | 105   | 56  | 50.90  | 54.19   | 4.0500   |          |
| Jun-60       | 581.9                                  | 316.3   | 0.75   | 2.32   | 326   | 525   | 58.75  | 54.19   | 4.0500   |          |
| Jul-60       | 582.9                                  | 316.9   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 54.19   | 4.0500   |          |
| Aug-60       | 583.9                                  | 317.4   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 54.19   | 4.0500   |          |
| Sep-60       | 584.9                                  | 318.0   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 54.19   | 4.0500   |          |
| Oct-60       | 586.0                                  | 318.5   | 0.79   | 1.08   | 864   | 854   | 63.78  | 54.19   | 3.2400   |          |
| Nov-60       | 587.0                                  | 319.1   | 1.33   | 1.73   | 146   | 146   | 52.43  | 54.19   | 3.2400   |          |
| Dec-60       | 588.0                                  | 319.6   | 1.49   | 2.47   | 0   | 0   | 40.80  | 54.19   | 3.2400   |          |
| Jan-61       | 589.0                                  | 320.2   | 1.24   | 2.78   | 0   | 0   | 32.83  | 54.19   | 3.2400   |          |
| Feb-61       | 590.0                                  | 320.7   | 1.11   | 2.54   | 0   | 0   | 31.93  | 54.19   | 3.2400   |          |
| Mar-61       | 591.1                                  | 321.3   | 1.34   | 2.40   | 0   | 0   | 36.85  | 54.19   | 3.2400   |          |
| Apr-61       | 592.1                                  | 321.8   | 1.25   | 2.52   | 3   | 0   | 43.73  | 54.19   | 3.2400   |          |
| May-61       | 593.1                                  | 322.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 54.19   | 4.0500   |          |
| Jun-61       | 594.1                                  | 323.0   | 0.75   | 2.32   | 326   | 525   | 58.75  | 54.19   | 4.0500   |          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

| <u>Month</u> | <u>US Consumer Price Index</u><br>CPIU | <u>US Consumer Price Index</u><br>2003 Base<br>CPIU03\$ | <u>Boise Monthly Precip.</u><br>(Inches)<br>Precip | <u>Boise Weighted Monthly Precip.</u><br>(Inches)<br>Wprecip | <u>Boise Weighted Monthly Cooling Deg. Days</u><br>WCDD | <u>Boise Weighted Growing Degree Days</u><br>WGDD | <u>Boise Weighted Monthly Average Temp.</u><br>WAVGT | <u>UWI Bi-Monthly Meter Charge</u><br>(\$)<br>MTR\$ | <u>UWI Marginal Cost of Water</u><br>(\$/100 CCF)<br>Price\$ |  |
|--------------|--|---|--|--|---|---|--|---|--|--|
| Jul-61       | 595.1                                  | 323.5   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 54.19   | 4.0500   |  |
| Aug-61       | 596.2                                  | 324.1   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 54.19   | 4.0500   |  |
| Sep-61       | 597.2                                  | 324.6   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 54.19   | 4.0500   |  |
| Oct-61       | 598.3                                  | 325.2   | 0.79   | 1.08   | 864   | 854   | 63.78  | 54.19   | 3.2400   |  |
| Nov-61       | 599.3                                  | 325.8   | 1.33   | 1.73   | 146   | 146   | 52.43  | 54.19   | 3.2400   |  |
| Dec-61       | 600.3                                  | 326.3   | 1.49   | 2.47   | 0   | 0   | 40.80  | 54.19   | 3.2400   |  |
| Jan-62       | 601.4                                  | 326.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 54.19   | 3.2400   |  |
| Feb-62       | 602.4                                  | 327.5   | 1.11   | 2.54   | 0   | 0   | 31.93  | 54.19   | 3.2400   |  |
| Mar-62       | 603.5                                  | 328.0   | 1.34   | 2.40   | 0   | 0   | 36.85  | 54.19   | 3.2400   |  |
| Apr-62       | 604.5                                  | 328.6   | 1.25   | 2.52   | 3   | 0   | 43.73  | 54.19   | 3.2400   |  |
| May-62       | 605.5                                  | 329.2   | 1.32   | 2.58   | 105   | 56  | 50.90  | 54.19   | 4.0500   |  |
| Jun-62       | 606.6                                  | 329.7   | 0.75   | 2.32   | 326   | 525   | 58.75  | 58.89   | 4.2525   |  |
| Jul-62       | 607.6                                  | 330.3   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 58.89   | 4.2525   |  |
| Aug-62       | 608.7                                  | 330.9   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 58.89   | 4.2525   |  |
| Sep-62       | 609.8                                  | 331.5   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 58.89   | 4.2525   |  |
| Oct-62       | 610.8                                  | 332.0   | 0.79   | 1.08   | 864   | 854   | 63.78  | 58.89   | 3.4020   |  |
| Nov-62       | 611.9                                  | 332.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 58.89   | 3.4020   |  |
| Dec-62       | 612.9                                  | 333.2   | 1.49   | 2.47   | 0   | 0   | 40.80  | 58.89   | 3.4020   |  |
| Jan-63       | 614.0                                  | 333.8   | 1.24   | 2.78   | 0   | 0   | 32.83  | 58.89   | 3.4020   |  |
| Feb-63       | 615.1                                  | 334.4   | 1.11   | 2.54   | 0   | 0   | 31.93  | 58.89   | 3.4020   |  |
| Mar-63       | 616.1                                  | 334.9   | 1.34   | 2.40   | 0   | 0   | 36.85  | 58.89   | 3.4020   |  |
| Apr-63       | 617.2                                  | 335.5   | 1.25   | 2.52   | 3   | 0   | 43.73  | 58.89   | 3.4020   |  |
| May-63       | 618.3                                  | 336.1   | 1.32   | 2.58   | 105   | 56  | 50.90  | 58.89   | 4.2525   |  |
| Jun-63       | 619.3                                  | 336.7   | 0.75   | 2.32   | 326   | 525   | 58.75  | 58.89   | 4.2525   |  |
| Jul-63       | 620.4                                  | 337.2   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 58.89   | 4.2525   |  |
| Aug-63       | 621.5                                  | 337.8   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 58.89   | 4.2525   |  |
| Sep-63       | 622.6                                  | 338.4   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 58.89   | 4.2525   |  |
| Oct-63       | 623.6                                  | 339.0   | 0.79   | 1.08   | 864   | 854   | 63.78  | 58.89   | 3.4020   |  |
| Nov-63       | 624.7                                  | 339.6   | 1.33   | 1.73   | 146   | 146   | 52.43  | 58.89   | 3.4020   |  |
| Dec-63       | 625.8                                  | 340.2   | 1.49   | 2.47   | 0   | 0   | 40.80  | 58.89   | 3.4020   |  |
| Jan-64       | 626.9                                  | 340.8   | 1.24   | 2.78   | 0   | 0   | 32.83  | 58.89   | 3.4020   |  |
| Feb-64       | 628.0                                  | 341.4   | 1.11   | 2.54   | 0   | 0   | 31.93  | 58.89   | 3.4020   |  |
| Mar-64       | 629.1                                  | 342.0   | 1.34   | 2.40   | 0   | 0   | 36.85  | 58.89   | 3.4020   |  |
| Apr-64       | 630.2                                  | 342.6   | 1.25   | 2.52   | 3   | 0   | 43.73  | 58.89   | 3.4020   |  |
| May-64       | 631.2                                  | 343.1   | 1.32   | 2.58   | 105   | 56  | 50.90  | 58.89   | 4.2525   |  |
| Jun-64       | 632.3                                  | 343.7   | 0.75   | 2.32   | 326   | 525   | 58.75  | 58.89   | 4.2525   |  |
| Jul-64       | 633.4                                  | 344.3   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 58.89   | 4.2525   |  |
| Aug-64       | 634.5                                  | 344.9   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 58.89   | 4.2525   |  |
| Sep-64       | 635.6                                  | 345.5   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 58.89   | 4.2525   |  |
| Oct-64       | 636.7                                  | 346.1   | 0.79   | 1.08   | 864   | 854   | 63.78  | 58.89   | 3.4020   |  |
| Nov-64       | 637.9                                  | 346.7   | 1.33   | 1.73   | 146   | 146   | 52.43  | 58.89   | 3.4020   |  |
| Dec-64       | 639.0                                  | 347.3   | 1.49   | 2.47   | 0   | 0   | 40.80  | 58.89   | 3.4020   |  |
| Jan-65       | 640.1                                  | 347.9   | 1.24   | 2.78   | 0   | 0   | 32.83  | 58.89   | 3.4020   |  |
| Feb-65       | 641.2                                  | 348.5   | 1.11   | 2.54   | 0   | 0   | 31.93  | 58.89   | 3.4020   |  |
| Mar-65       | 642.3                                  | 349.1   | 1.34   | 2.40   | 0   | 0   | 36.85  | 58.89   | 3.4020   |  |
| Apr-65       | 643.4                                  | 349.7   | 1.25   | 2.52   | 3   | 0   | 43.73  | 58.89   | 3.4020   |  |
| May-65       | 644.5                                  | 350.4   | 1.32   | 2.58   | 105   | 56  | 50.90  | 58.89   | 4.2525   |  |
| Jun-65       | 645.6                                  | 351.0   | 0.75   | 2.32   | 326   | 525   | 58.75  | 58.89   | 4.2525   |  |
| Jul-65       | 646.7                                  | 351.6   | 0.32   | 1.57   | 792   | 1,049   | 66.93  | 58.89   | 4.2525   |  |
| Aug-65       | 647.9                                  | 352.2   | 0.27   | 0.83   | 1,399   | 1,403   | 72.63  | 58.89   | 4.2525   |  |
| Sep-65       | 649.0                                  | 352.8   | 0.55   | 0.71   | 1,291   | 1,301   | 71.68  | 58.89   | 4.2525   |  |
| Oct-65       | 650.1                                  | 353.4   | 0.79   | 1.08   | 864   | 854   | 63.78  | 58.89   | 3.4020   |  |
| Nov-65       | 651.2                                  | 354.0   | 1.33   | 1.73   | 146   | 146   | 52.43  | 58.89   | 3.4020   |  |
| Dec-65       | 652.4                                  | 354.6   | 1.49   | 2.47   | 0   | 0   | 40.80  | 58.89   | 3.4020   |  |

Forecast  
Data

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Jan-95                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 232          |
| Feb-95                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 233          |
| Mar-95                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 234          |
| Apr-95                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 235          |
| May-95                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 236          |
| Jun-95                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 237          |
| Jul-95                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 238          |
| Aug-95                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 239          |
| Sep-95                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0             | 240          |
| Oct-95                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0             | 241          |
| Nov-95                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0             | 242          |
| Dec-95                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0             | 243          |
| Jan-96                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 244          |
| Feb-96                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 245          |
| Mar-96                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 246          |
| Apr-96                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 247          |
| May-96                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 248          |
| Jun-96                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 249          |
| Jul-96                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 250          |
| Aug-96                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 251          |
| Sep-96                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0             | 252          |
| Oct-96                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0             | 253          |
| Nov-96                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0             | 254          |
| Dec-96                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0             | 255          |
| Jan-97                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 256          |
| Feb-97                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 257          |
| Mar-97                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 258          |
| Apr-97                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 259          |
| May-97                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 260          |
| Jun-97                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 261          |
| Jul-97                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 262          |
| Aug-97                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 263          |
| Sep-97                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0             | 264          |
| Oct-97                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0             | 265          |
| Nov-97                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0             | 266          |
| Dec-97                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0             | 267          |
| Jan-98                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 268          |
| Feb-98                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 269          |
| Mar-98                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 270          |
| Apr-98                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 271          |
| May-98                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 272          |
| Jun-98                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 273          |
| Jul-98                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 274          |
| Aug-98                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0             | 275          |
| Sep-98                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0             | 276          |
| Oct-98                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0             | 277          |
| Nov-98                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0             | 278          |
| Dec-98                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0             | 279          |
| Jan-99                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 280          |
| Feb-99                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 281          |
| Mar-99                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 282          |
| Apr-99                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 283          |
| May-99                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 284          |
| Jun-99                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 285          |
| Jul-99                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 286          |
| Aug-99                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 287          |
| Sep-99                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 288          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Oct-99                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 289          |
| Nov-99                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 290          |
| Dec-99                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 291          |
| Jan-00                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 292          |
| Feb-00                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 293          |
| Mar-00                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 294          |
| Apr-00                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 295          |
| May-00                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 296          |
| Jun-00                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 297          |
| Jul-00                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 298          |
| Aug-00                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 299          |
| Sep-00                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 300          |
| Oct-00                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 301          |
| Nov-00                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 302          |
| Dec-00                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 303          |
| Jan-01                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 304          |
| Feb-01                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 305          |
| Mar-01                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 306          |
| Apr-01                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 307          |
| May-01                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 308          |
| Jun-01                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 309          |
| Jul-01                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 310          |
| Aug-01                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 311          |
| Sep-01                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 312          |
| Oct-01                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 313          |
| Nov-01                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 314          |
| Dec-01                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 315          |
| Jan-02                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 316          |
| Feb-02                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 317          |
| Mar-02                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 318          |
| Apr-02                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 319          |
| May-02                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 320          |
| Jun-02                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 321          |
| Jul-02                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 322          |
| Aug-02                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 323          |
| Sep-02                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 324          |
| Oct-02                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 325          |
| Nov-02                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 326          |
| Dec-02                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 327          |
| Jan-03                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 328          |
| Feb-03                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 329          |
| Mar-03                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 330          |
| Apr-03                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 331          |
| May-03                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 332          |
| Jun-03                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 333          |
| Jul-03                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 334          |
| Aug-03                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 335          |
| Sep-03                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 336          |
| Oct-03                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 337          |
| Nov-03                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 338          |
| Dec-03                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 339          |
| Jan-04                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 340          |
| Feb-04                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 341          |
| Mar-04                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 342          |
| Apr-04                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 343          |
| May-04                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 344          |
| Jun-04                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 345          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Jul-04                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 346          |
| Aug-04                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 347          |
| Sep-04                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 348          |
| Oct-04                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 349          |
| Nov-04                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 350          |
| Dec-04                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 351          |
| Jan-05                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 352          |
| Feb-05                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 353          |
| Mar-05                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 354          |
| Apr-05                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 355          |
| May-05                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 356          |
| Jun-05                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 357          |
| Jul-05                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 358          |
| Aug-05                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 359          |
| Sep-05                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 360          |
| Oct-05                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 361          |
| Nov-05                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 362          |
| Dec-05                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 363          |
| Jan-06                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 364          |
| Feb-06                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 365          |
| Mar-06                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 366          |
| Apr-06                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 367          |
| May-06                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 368          |
| Jun-06                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 369          |
| Jul-06                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 370          |
| Aug-06                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 371          |
| Sep-06                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 372          |
| Oct-06                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 373          |
| Nov-06                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 374          |
| Dec-06                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 375          |
| Jan-07                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 376          |
| Feb-07                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 377          |
| Mar-07                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 378          |
| Apr-07                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 379          |
| May-07                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 380          |
| Jun-07                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 381          |
| Jul-07                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 382          |
| Aug-07                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 383          |
| Sep-07                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 384          |
| Oct-07                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 385          |
| Nov-07                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 386          |
| Dec-07                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 387          |
| Jan-08                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 388          |
| Feb-08                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 389          |
| Mar-08                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 390          |
| Apr-08                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 391          |
| May-08                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 392          |
| Jun-08                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 393          |
| Jul-08                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 394          |
| Aug-08                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 395          |
| Sep-08                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 396          |
| Oct-08                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 397          |
| Nov-08                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 398          |
| Dec-08                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 399          |
| Jan-09                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 400          |
| Feb-09                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 401          |
| Mar-09                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 402          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Biune</u> | <u>Blul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Apr-09                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 403          |
| May-09                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 404          |
| Jun-09                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 405          |
| Jul-09                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 406          |
| Aug-09                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 407          |
| Sep-09                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 408          |
| Oct-09                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 409          |
| Nov-09                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 410          |
| Dec-09                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 411          |
| Jan-10                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 412          |
| Feb-10                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 413          |
| Mar-10                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 414          |
| Apr-10                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 415          |
| May-10                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 416          |
| Jun-10                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 417          |
| Jul-10                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 418          |
| Aug-10                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 419          |
| Sep-10                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 420          |
| Oct-10                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 421          |
| Nov-10                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 422          |
| Dec-10                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 423          |
| Jan-11                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 424          |
| Feb-11                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 425          |
| Mar-11                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 426          |
| Apr-11                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 427          |
| May-11                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 428          |
| Jun-11                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 429          |
| Jul-11                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 430          |
| Aug-11                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 431          |
| Sep-11                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 432          |
| Oct-11                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 433          |
| Nov-11                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 434          |
| Dec-11                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 435          |
| Jan-12                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 436          |
| Feb-12                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 437          |
| Mar-12                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 438          |
| Apr-12                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 439          |
| May-12                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 440          |
| Jun-12                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 441          |
| Jul-12                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 442          |
| Aug-12                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 443          |
| Sep-12                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 444          |
| Oct-12                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 445          |
| Nov-12                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 446          |
| Dec-12                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 447          |
| Jan-13                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 448          |
| Feb-13                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 449          |
| Mar-13                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 450          |
| Apr-13                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 451          |
| May-13                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 452          |
| Jun-13                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 453          |
| Jul-13                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 454          |
| Aug-13                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 455          |
| Sep-13                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 456          |
| Oct-13                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 457          |
| Nov-13                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 458          |
| Dec-13                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 459          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Jan-14                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 460          |
| Feb-14                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 461          |
| Mar-14                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 462          |
| Apr-14                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 463          |
| May-14                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 464          |
| Jun-14                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 465          |
| Jul-14                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 466          |
| Aug-14                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 467          |
| Sep-14                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1             | 468          |
| Oct-14                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1             | 469          |
| Nov-14                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1             | 470          |
| Dec-14                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1             | 471          |
| Jan-15                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 472          |
| Feb-15                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 473          |
| Mar-15                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 474          |
| Apr-15                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 475          |
| May-15                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 476          |
| Jun-15                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 477          |
| Jul-15                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 478          |
| Aug-15                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 479          |
| Sep-15                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1             | 480          |
| Oct-15                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1             | 481          |
| Nov-15                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1             | 482          |
| Dec-15                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1             | 483          |
| Jan-16                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 484          |
| Feb-16                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 485          |
| Mar-16                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 486          |
| Apr-16                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 487          |
| May-16                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 488          |
| Jun-16                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 489          |
| Jul-16                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 490          |
| Aug-16                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 491          |
| Sep-16                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1             | 492          |
| Oct-16                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1             | 493          |
| Nov-16                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1             | 494          |
| Dec-16                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1             | 495          |
| Jan-17                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 496          |
| Feb-17                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 497          |
| Mar-17                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 498          |
| Apr-17                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 499          |
| May-17                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 500          |
| Jun-17                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 501          |
| Jul-17                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 502          |
| Aug-17                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 503          |
| Sep-17                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1             | 504          |
| Oct-17                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1             | 505          |
| Nov-17                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1             | 506          |
| Dec-17                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1             | 507          |
| Jan-18                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 508          |
| Feb-18                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 509          |
| Mar-18                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 510          |
| Apr-18                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 511          |
| May-18                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 512          |
| Jun-18                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 513          |
| Jul-18                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 514          |
| Aug-18                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1             | 515          |
| Sep-18                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1             | 516          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Oct-18                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 517          |
| Nov-18                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 518          |
| Dec-18                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 519          |
| Jan-19                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 520          |
| Feb-19                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 521          |
| Mar-19                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 522          |
| Apr-19                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 523          |
| May-19                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 524          |
| Jun-19                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 525          |
| Jul-19                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 526          |
| Aug-19                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 527          |
| Sep-19                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 528          |
| Oct-19                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 529          |
| Nov-19                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 530          |
| Dec-19                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 531          |
| Jan-20                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 532          |
| Feb-20                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 533          |
| Mar-20                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 534          |
| Apr-20                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 535          |
| May-20                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 536          |
| Jun-20                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 537          |
| Jul-20                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 538          |
| Aug-20                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 539          |
| Sep-20                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 540          |
| Oct-20                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 541          |
| Nov-20                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 542          |
| Dec-20                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 543          |
| Jan-21                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 544          |
| Feb-21                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 545          |
| Mar-21                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 546          |
| Apr-21                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 547          |
| May-21                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 548          |
| Jun-21                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 549          |
| Jul-21                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 550          |
| Aug-21                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 551          |
| Sep-21                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 552          |
| Oct-21                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 553          |
| Nov-21                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 554          |
| Dec-21                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 555          |
| Jan-22                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 556          |
| Feb-22                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 557          |
| Mar-22                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 558          |
| Apr-22                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 559          |
| May-22                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 560          |
| Jun-22                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 561          |
| Jul-22                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 562          |
| Aug-22                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 563          |
| Sep-22                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 564          |
| Oct-22                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 565          |
| Nov-22                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 566          |
| Dec-22                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 567          |
| Jan-23                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 568          |
| Feb-23                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 569          |
| Mar-23                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 570          |
| Apr-23                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 571          |
| May-23                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 572          |
| Jun-23                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 573          |

**Appendix A - Table A4**

**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

**Monthly Values of Exogenous Variables**

**Monthly Values of Binary Variables**

| <b><u>Month</u></b> | <b><u>Bmay</u></b> | <b><u>Bjune</u></b> | <b><u>Biul</u></b> | <b><u>Baug</u></b> | <b><u>Bsep</u></b> | <b><u>Boct</u></b> | <b><u>Bnov</u></b> | <b><u>Bdec</u></b> | <b><u>Bin1</u></b> | <b><u>Bin2</u></b> | <b><u>SouthC</u></b> | <b><u>Trend</u></b> |
|---------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| Jul-23              | 0                  | 0                   | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 574                 |
| Aug-23              | 0                  | 0                   | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 575                 |
| Sep-23              | 0                  | 0                   | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 576                 |
| Oct-23              | 0                  | 0                   | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 1                  | 1                    | 577                 |
| Nov-23              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 1                  | 1                    | 578                 |
| Dec-23              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 1                  | 1                    | 579                 |
| Jan-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 580                 |
| Feb-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 581                 |
| Mar-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 582                 |
| Apr-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 583                 |
| May-24              | 1                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 584                 |
| Jun-24              | 0                  | 1                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 585                 |
| Jul-24              | 0                  | 0                   | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 586                 |
| Aug-24              | 0                  | 0                   | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 587                 |
| Sep-24              | 0                  | 0                   | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 588                 |
| Oct-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 1                  | 1                    | 589                 |
| Nov-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 1                  | 1                    | 590                 |
| Dec-24              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 1                  | 1                    | 591                 |
| Jan-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 592                 |
| Feb-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 593                 |
| Mar-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 594                 |
| Apr-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 595                 |
| May-25              | 1                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 596                 |
| Jun-25              | 0                  | 1                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 597                 |
| Jul-25              | 0                  | 0                   | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 598                 |
| Aug-25              | 0                  | 0                   | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 599                 |
| Sep-25              | 0                  | 0                   | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 600                 |
| Oct-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 1                  | 1                    | 601                 |
| Nov-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 1                  | 1                    | 602                 |
| Dec-25              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 1                  | 1                    | 603                 |
| Jan-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 604                 |
| Feb-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 605                 |
| Mar-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 606                 |
| Apr-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 607                 |
| May-26              | 1                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 608                 |
| Jun-26              | 0                  | 1                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 609                 |
| Jul-26              | 0                  | 0                   | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 610                 |
| Aug-26              | 0                  | 0                   | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 611                 |
| Sep-26              | 0                  | 0                   | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 612                 |
| Oct-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 1                  | 1                    | 613                 |
| Nov-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 1                  | 1                    | 614                 |
| Dec-26              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 1                  | 1                    | 615                 |
| Jan-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 616                 |
| Feb-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 617                 |
| Mar-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 618                 |
| Apr-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 619                 |
| May-27              | 1                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 620                 |
| Jun-27              | 0                  | 1                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 621                 |
| Jul-27              | 0                  | 0                   | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 622                 |
| Aug-27              | 0                  | 0                   | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 623                 |
| Sep-27              | 0                  | 0                   | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 624                 |
| Oct-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 0                  | 1                  | 1                    | 625                 |
| Nov-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 0                  | 1                  | 1                    | 626                 |
| Dec-27              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  | 1                  | 1                    | 627                 |
| Jan-28              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 628                 |
| Feb-28              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 629                 |
| Mar-28              | 0                  | 0                   | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 1                  | 1                    | 630                 |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u> | <u>Monthly Values of Exogenous Variables</u> |              |             |             |             |             |             |             |             |             |               | <u>Trend</u> |
|--------------|--|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
|              | <u>Bmay</u>                                  | <u>Bjune</u> | <u>Biul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> |              |
| Apr-28       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 631          |
| May-28       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 632          |
| Jun-28       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 633          |
| Jul-28       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 634          |
| Aug-28       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 635          |
| Sep-28       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 636          |
| Oct-28       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 637          |
| Nov-28       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 638          |
| Dec-28       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 639          |
| Jan-29       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 640          |
| Feb-29       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 641          |
| Mar-29       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 642          |
| Apr-29       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 643          |
| May-29       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 644          |
| Jun-29       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 645          |
| Jul-29       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 646          |
| Aug-29       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 647          |
| Sep-29       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 648          |
| Oct-29       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 649          |
| Nov-29       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 650          |
| Dec-29       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 651          |
| Jan-30       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 652          |
| Feb-30       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 653          |
| Mar-30       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 654          |
| Apr-30       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 655          |
| May-30       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 656          |
| Jun-30       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 657          |
| Jul-30       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 658          |
| Aug-30       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 659          |
| Sep-30       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 660          |
| Oct-30       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 661          |
| Nov-30       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 662          |
| Dec-30       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 663          |
| Jan-31       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 664          |
| Feb-31       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 665          |
| Mar-31       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 666          |
| Apr-31       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 667          |
| May-31       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 668          |
| Jun-31       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 669          |
| Jul-31       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 670          |
| Aug-31       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 671          |
| Sep-31       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 672          |
| Oct-31       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 673          |
| Nov-31       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 674          |
| Dec-31       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 675          |
| Jan-32       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 676          |
| Feb-32       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 677          |
| Mar-32       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 678          |
| Apr-32       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 679          |
| May-32       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 680          |
| Jun-32       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 681          |
| Jul-32       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 682          |
| Aug-32       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 683          |
| Sep-32       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 684          |
| Oct-32       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 685          |
| Nov-32       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 686          |
| Dec-32       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 687          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u> | <u>Monthly Values of Exogenous Variables</u> |              |             |             |             |             |             |             |             |             |               | <u>Trend</u> |
|--------------|--|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
|              | <u>Bmay</u>                                  | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> |              |
| Jan-33       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 688          |
| Feb-33       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 689          |
| Mar-33       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 690          |
| Apr-33       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 691          |
| May-33       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 692          |
| Jun-33       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 693          |
| Jul-33       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 694          |
| Aug-33       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 695          |
| Sep-33       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 696          |
| Oct-33       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 697          |
| Nov-33       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 698          |
| Dec-33       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 699          |
| Jan-34       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 700          |
| Feb-34       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 701          |
| Mar-34       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 702          |
| Apr-34       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 703          |
| May-34       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 704          |
| Jun-34       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 705          |
| Jul-34       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 706          |
| Aug-34       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 707          |
| Sep-34       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 708          |
| Oct-34       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 709          |
| Nov-34       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 710          |
| Dec-34       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 711          |
| Jan-35       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 712          |
| Feb-35       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 713          |
| Mar-35       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 714          |
| Apr-35       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 715          |
| May-35       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 716          |
| Jun-35       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 717          |
| Jul-35       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 718          |
| Aug-35       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 719          |
| Sep-35       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 720          |
| Oct-35       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 721          |
| Nov-35       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 722          |
| Dec-35       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 723          |
| Jan-36       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 724          |
| Feb-36       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 725          |
| Mar-36       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 726          |
| Apr-36       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 727          |
| May-36       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 728          |
| Jun-36       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 729          |
| Jul-36       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 730          |
| Aug-36       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 731          |
| Sep-36       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 732          |
| Oct-36       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 733          |
| Nov-36       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 734          |
| Dec-36       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 735          |
| Jan-37       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 736          |
| Feb-37       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 737          |
| Mar-37       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 738          |
| Apr-37       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 739          |
| May-37       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 740          |
| Jun-37       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 741          |
| Jul-37       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 742          |
| Aug-37       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 743          |
| Sep-37       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 744          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u> | <u>Monthly Values of Exogenous Variables</u> |              |             |             |             |             |             |             |             |             |               | <u>Trend</u> |
|--------------|--|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
|              | <u>Bmay</u>                                  | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> |              |
| Oct-37       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 745          |
| Nov-37       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 746          |
| Dec-37       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 747          |
| Jan-38       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 748          |
| Feb-38       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 749          |
| Mar-38       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 750          |
| Apr-38       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 751          |
| May-38       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 752          |
| Jun-38       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 753          |
| Jul-38       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 754          |
| Aug-38       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 755          |
| Sep-38       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 756          |
| Oct-38       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 757          |
| Nov-38       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 758          |
| Dec-38       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 759          |
| Jan-39       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 760          |
| Feb-39       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 761          |
| Mar-39       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 762          |
| Apr-39       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 763          |
| May-39       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 764          |
| Jun-39       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 765          |
| Jul-39       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 766          |
| Aug-39       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 767          |
| Sep-39       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 768          |
| Oct-39       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 769          |
| Nov-39       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 770          |
| Dec-39       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 771          |
| Jan-40       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 772          |
| Feb-40       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 773          |
| Mar-40       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 774          |
| Apr-40       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 775          |
| May-40       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 776          |
| Jun-40       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 777          |
| Jul-40       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 778          |
| Aug-40       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 779          |
| Sep-40       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 780          |
| Oct-40       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 781          |
| Nov-40       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 782          |
| Dec-40       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 783          |
| Jan-41       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 784          |
| Feb-41       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 785          |
| Mar-41       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 786          |
| Apr-41       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 787          |
| May-41       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 788          |
| Jun-41       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 789          |
| Jul-41       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 790          |
| Aug-41       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 791          |
| Sep-41       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 792          |
| Oct-41       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 793          |
| Nov-41       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 794          |
| Dec-41       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 795          |
| Jan-42       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 796          |
| Feb-42       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 797          |
| Mar-42       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 798          |
| Apr-42       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 799          |
| May-42       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 800          |
| Jun-42       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 801          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u> | <u>Monthly Values of Exogenous Variables</u> |              |             |             |             |             |             |             |             |             |               | <u>Trend</u> |
|--------------|--|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
|              | <u>Bmay</u>                                  | <u>Biune</u> | <u>Biul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> |              |
| Jul-42       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 802          |
| Aug-42       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 803          |
| Sep-42       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 804          |
| Oct-42       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 805          |
| Nov-42       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 806          |
| Dec-42       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 807          |
| Jan-43       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 808          |
| Feb-43       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 809          |
| Mar-43       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 810          |
| Apr-43       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 811          |
| May-43       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 812          |
| Jun-43       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 813          |
| Jul-43       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 814          |
| Aug-43       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 815          |
| Sep-43       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 816          |
| Oct-43       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 817          |
| Nov-43       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 818          |
| Dec-43       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 819          |
| Jan-44       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 820          |
| Feb-44       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 821          |
| Mar-44       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 822          |
| Apr-44       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 823          |
| May-44       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 824          |
| Jun-44       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 825          |
| Jul-44       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 826          |
| Aug-44       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 827          |
| Sep-44       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 828          |
| Oct-44       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 829          |
| Nov-44       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 830          |
| Dec-44       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 831          |
| Jan-45       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 832          |
| Feb-45       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 833          |
| Mar-45       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 834          |
| Apr-45       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 835          |
| May-45       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 836          |
| Jun-45       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 837          |
| Jul-45       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 838          |
| Aug-45       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 839          |
| Sep-45       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 840          |
| Oct-45       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 841          |
| Nov-45       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 842          |
| Dec-45       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 843          |
| Jan-46       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 844          |
| Feb-46       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 845          |
| Mar-46       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 846          |
| Apr-46       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 847          |
| May-46       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 848          |
| Jun-46       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 849          |
| Jul-46       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 850          |
| Aug-46       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 851          |
| Sep-46       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 852          |
| Oct-46       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 853          |
| Nov-46       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 854          |
| Dec-46       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 855          |
| Jan-47       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 856          |
| Feb-47       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 857          |
| Mar-47       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 858          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Apr-47                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 859          |
| May-47                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 860          |
| Jun-47                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 861          |
| Jul-47                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 862          |
| Aug-47                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 863          |
| Sep-47                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 864          |
| Oct-47                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 865          |
| Nov-47                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 866          |
| Dec-47                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 867          |
| Jan-48                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 868          |
| Feb-48                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 869          |
| Mar-48                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 870          |
| Apr-48                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 871          |
| May-48                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 872          |
| Jun-48                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 873          |
| Jul-48                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 874          |
| Aug-48                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 875          |
| Sep-48                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 876          |
| Oct-48                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 877          |
| Nov-48                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 878          |
| Dec-48                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 879          |
| Jan-49                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 880          |
| Feb-49                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 881          |
| Mar-49                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 882          |
| Apr-49                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 883          |
| May-49                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 884          |
| Jun-49                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 885          |
| Jul-49                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 886          |
| Aug-49                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 887          |
| Sep-49                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 888          |
| Oct-49                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 889          |
| Nov-49                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 890          |
| Dec-49                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 891          |
| Jan-50                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 892          |
| Feb-50                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 893          |
| Mar-50                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 894          |
| Apr-50                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 895          |
| May-50                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 896          |
| Jun-50                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 897          |
| Jul-50                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 898          |
| Aug-50                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 899          |
| Sep-50                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 900          |
| Oct-50                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 901          |
| Nov-50                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 902          |
| Dec-50                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 903          |
| Jan-51                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 904          |
| Feb-51                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 905          |
| Mar-51                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 906          |
| Apr-51                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 907          |
| May-51                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 908          |
| Jun-51                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 909          |
| Jul-51                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 910          |
| Aug-51                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 911          |
| Sep-51                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 912          |
| Oct-51                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 913          |
| Nov-51                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 914          |
| Dec-51                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 915          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Jan-52                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 916          |
| Feb-52                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 917          |
| Mar-52                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 918          |
| Apr-52                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 919          |
| May-52                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 920          |
| Jun-52                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 921          |
| Jul-52                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 922          |
| Aug-52                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 923          |
| Sep-52                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 924          |
| Oct-52                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 925          |
| Nov-52                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 926          |
| Dec-52                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 927          |
| Jan-53                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 928          |
| Feb-53                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 929          |
| Mar-53                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 930          |
| Apr-53                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 931          |
| May-53                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 932          |
| Jun-53                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 933          |
| Jul-53                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 934          |
| Aug-53                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 935          |
| Sep-53                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 936          |
| Oct-53                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 937          |
| Nov-53                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 938          |
| Dec-53                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 939          |
| Jan-54                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 940          |
| Feb-54                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 941          |
| Mar-54                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 942          |
| Apr-54                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 943          |
| May-54                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 944          |
| Jun-54                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 945          |
| Jul-54                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 946          |
| Aug-54                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 947          |
| Sep-54                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 948          |
| Oct-54                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 949          |
| Nov-54                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 950          |
| Dec-54                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 951          |
| Jan-55                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 952          |
| Feb-55                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 953          |
| Mar-55                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 954          |
| Apr-55                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 955          |
| May-55                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 956          |
| Jun-55                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 957          |
| Jul-55                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 958          |
| Aug-55                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 959          |
| Sep-55                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 960          |
| Oct-55                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 961          |
| Nov-55                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 962          |
| Dec-55                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 963          |
| Jan-56                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 964          |
| Feb-56                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 965          |
| Mar-56                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 966          |
| Apr-56                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 967          |
| May-56                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 968          |
| Jun-56                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 969          |
| Jul-56                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 970          |
| Aug-56                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 971          |
| Sep-56                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 972          |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Month</u> | <u>Monthly Values of Exogenous Variables</u> |              |             |             |             |             |             |             |             |             |               | <u>Trend</u> |
|--------------|--|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
|              | <u>Bmay</u>                                  | <u>Bjune</u> | <u>Bjul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> |              |
| Oct-56       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 973          |
| Nov-56       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 974          |
| Dec-56       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 975          |
| Jan-57       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 976          |
| Feb-57       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 977          |
| Mar-57       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 978          |
| Apr-57       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 979          |
| May-57       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 980          |
| Jun-57       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 981          |
| Jul-57       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 982          |
| Aug-57       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 983          |
| Sep-57       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 984          |
| Oct-57       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 985          |
| Nov-57       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 986          |
| Dec-57       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 987          |
| Jan-58       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 988          |
| Feb-58       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 989          |
| Mar-58       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 990          |
| Apr-58       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 991          |
| May-58       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 992          |
| Jun-58       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 993          |
| Jul-58       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 994          |
| Aug-58       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 995          |
| Sep-58       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 996          |
| Oct-58       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 997          |
| Nov-58       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 998          |
| Dec-58       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 999          |
| Jan-59       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1000         |
| Feb-59       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1001         |
| Mar-59       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1002         |
| Apr-59       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1003         |
| May-59       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1004         |
| Jun-59       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1005         |
| Jul-59       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1006         |
| Aug-59       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1007         |
| Sep-59       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1008         |
| Oct-59       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1009         |
| Nov-59       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1010         |
| Dec-59       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1011         |
| Jan-60       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1012         |
| Feb-60       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1013         |
| Mar-60       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1014         |
| Apr-60       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1015         |
| May-60       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1016         |
| Jun-60       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1017         |
| Jul-60       | 0  | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1018         |
| Aug-60       | 0  | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1019         |
| Sep-60       | 0  | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1020         |
| Oct-60       | 0  | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1021         |
| Nov-60       | 0  | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1022         |
| Dec-60       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1023         |
| Jan-61       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1024         |
| Feb-61       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1025         |
| Mar-61       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1026         |
| Apr-61       | 0  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1027         |
| May-61       | 1  | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1028         |
| Jun-61       | 0  | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1029         |

**Appendix A - Table A4**  
**Suez: Exogenous Variables used in the Monthly Water Demand Forecast 2012 to 2065**

| <u>Monthly Values of Exogenous Variables</u> |             |              |             |             |             |             |             |             |             |             |               |              |
|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------|
| <u>Monthly Values of Binary Variables</u>    |             |              |             |             |             |             |             |             |             |             |               |              |
| <u>Month</u>                                 | <u>Bmay</u> | <u>Bjune</u> | <u>Biul</u> | <u>Baug</u> | <u>Bsep</u> | <u>Boct</u> | <u>Bnov</u> | <u>Bdec</u> | <u>Bin1</u> | <u>Bin2</u> | <u>SouthC</u> | <u>Trend</u> |
| Jul-61                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1030         |
| Aug-61                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1031         |
| Sep-61                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1032         |
| Oct-61                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1033         |
| Nov-61                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1034         |
| Dec-61                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1035         |
| Jan-62                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1036         |
| Feb-62                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1037         |
| Mar-62                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1038         |
| Apr-62                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1039         |
| May-62                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1040         |
| Jun-62                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1041         |
| Jul-62                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1042         |
| Aug-62                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1043         |
| Sep-62                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1044         |
| Oct-62                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1045         |
| Nov-62                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1046         |
| Dec-62                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1047         |
| Jan-63                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1048         |
| Feb-63                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1049         |
| Mar-63                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1050         |
| Apr-63                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1051         |
| May-63                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1052         |
| Jun-63                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1053         |
| Jul-63                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1054         |
| Aug-63                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1055         |
| Sep-63                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1056         |
| Oct-63                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1057         |
| Nov-63                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1058         |
| Dec-63                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1059         |
| Jan-64                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1060         |
| Feb-64                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1061         |
| Mar-64                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1062         |
| Apr-64                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1063         |
| May-64                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1064         |
| Jun-64                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1065         |
| Jul-64                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1066         |
| Aug-64                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1067         |
| Sep-64                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1068         |
| Oct-64                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1069         |
| Nov-64                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1070         |
| Dec-64                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1071         |
| Jan-65                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1072         |
| Feb-65                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1073         |
| Mar-65                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1074         |
| Apr-65                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1075         |
| May-65                                       | 1           | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1076         |
| Jun-65                                       | 0           | 1            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1077         |
| Jul-65                                       | 0           | 0            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1078         |
| Aug-65                                       | 0           | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 1             | 1079         |
| Sep-65                                       | 0           | 0            | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 1             | 1080         |
| Oct-65                                       | 0           | 0            | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 1             | 1081         |
| Nov-65                                       | 0           | 0            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 1             | 1082         |
| Dec-65                                       | 0           | 0            | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 1             | 1083         |

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**Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**

**Master Water Plan 2015-2065**

**Water Demand Forecasts  
for the Years 2012 to 2065**

**Table A5**  
**COMPASS Forecast of Ada County Population  
and Households by TAZ in 5 Year Increments  
for the Years 2010 to 2040**

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Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                        |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population                       | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 1   | Downtown Boise                   | 100%                                       | 17   | 8                      | 17         | 8          | 17         | 8          | 17         | 8          | 16         | 8          | 16         | 8          | 16         | 8          |
| 2   | Downtown Boise                   | 100%                                       | 3  | 2                      | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          |
| 3   | Downtown Boise                   | 100%                                       | 1  | 1                      | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 4   | Downtown Boise                   | 100%                                       | 59   | 49                     | 59         | 49         | 63         | 49         | 64         | 50         | 70         | 51         | 71         | 52         | 79         | 54         |
| 5   | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 6   | Downtown Boise                   | 100%                                       | 172  | 128                    | 172        | 128        | 176        | 128        | 180        | 131        | 190        | 135        | 199        | 141        | 214        | 148        |
| 7   | Downtown Boise                   | 100%                                       | 18   | 12                     | 18         | 12         | 18         | 12         | 18         | 12         | 17         | 12         | 17         | 12         | 17         | 12         |
| 8   | Downtown Boise                   | 100%                                       | 70   | 45                     | 72         | 46         | 68         | 46         | 74         | 50         | 79         | 56         | 90         | 64         | 96         | 72         |
| 9   | Downtown Boise                   | 100%                                       | 65   | 53                     | 64         | 52         | 67         | 52         | 69         | 53         | 75         | 55         | 79         | 58         | 89         | 62         |
| 10  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 11  | Downtown Boise                   | 100%                                       | 153  | 103                    | 153        | 103        | 148        | 103        | 151        | 105        | 149        | 108        | 155        | 112        | 156        | 117        |
| 12  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 13  | Downtown Boise                   | 100%                                       | 71   | 49                     | 77         | 53         | 75         | 53         | 75         | 53         | 73         | 53         | 73         | 53         | 71         | 53         |
| 14  | Downtown Boise                   | 100%                                       | 168  | 92                     | 168        | 92         | 156        | 92         | 161        | 95         | 156        | 99         | 165        | 105        | 162        | 112        |
| 15  | Downtown Boise                   | 100%                                       | 109  | 84                     | 109        | 84         | 110        | 84         | 111        | 85         | 113        | 86         | 115        | 87         | 117        | 88         |
| 16  | Downtown Boise                   | 100%                                       | 136  | 75                     | 140        | 77         | 141        | 77         | 161        | 88         | 195        | 105        | 238        | 128        | 289        | 154        |
| 17  | Downtown Boise                   | 100%                                       | 83   | 60                     | 83         | 60         | 82         | 60         | 96         | 70         | 115        | 85         | 142        | 105        | 170        | 128        |
| 18  | Downtown Boise                   | 100%                                       | 274  | 186                    | 275        | 187        | 267        | 187        | 274        | 192        | 276        | 200        | 291        | 211        | 298        | 224        |
| 19  | Downtown Boise                   | 100%                                       | 109  | 11                     | 109        | 11         | 107        | 11         | 140        | 24         | 186        | 45         | 251        | 73         | 315        | 107        |
| 20  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 21  | Downtown Boise                   | 100%                                       | 4  | 4                      | 4          | 4          | 4          | 4          | 4          | 4          | 5          | 4          | 5          | 4          | 5          | 4          |
| 22  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 23  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 24  | Downtown Boise                   | 100%                                       | 57   | 46                     | 57         | 46         | 60         | 46         | 60         | 46         | 64         | 46         | 65         | 47         | 70         | 48         |
| 25  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 26  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 27  | Downtown Boise                   | 100%                                       | 53   | 41                     | 53         | 41         | 54         | 41         | 61         | 47         | 74         | 56         | 90         | 68         | 110        | 83         |
| 28  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 29  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 30  | Downtown Boise                   | 100%                                       | 9  | 7                      | 9          | 7          | 10         | 7          | 10         | 7          | 10         | 7          | 12         | 8          | 14         | 9          |
| 31  | Downtown Boise                   | 100%                                       | 120  | 89                     | 120        | 89         | 119        | 89         | 123        | 92         | 128        | 96         | 135        | 101        | 144        | 108        |
| 32  | Downtown Boise                   | 100%                                       | 9  | 6                      | 9          | 6          | 9          | 6          | 9          | 6          | 9          | 6          | 9          | 6          | 9          | 6          |
| 33  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 34  | Downtown Boise                   | 100%                                       | 8  | 5                      | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          |
| 35  | Downtown Boise                   | 100%                                       | 17   | 12                     | 17         | 12         | 17         | 12         | 19         | 14         | 24         | 18         | 31         | 23         | 39         | 29         |
| 36  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 37  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 38  | Downtown Boise                   | 100%                                       | 15   | 11                     | 15         | 11         | 15         | 11         | 18         | 13         | 21         | 16         | 27         | 20         | 35         | 26         |
| 39  | Downtown Boise                   | 100%                                       | 69   | 52                     | 69         | 52         | 71         | 52         | 72         | 53         | 77         | 55         | 81         | 58         | 89         | 62         |
| 40  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 41  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 1          | 3          | 2          | 5          | 3          |
| 42  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 9          | 6          | 23         | 15         | 41         | 27         | 62         | 42         |
| 43  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 44  | Downtown Boise                   | 100%                                       | 18   | 10                     | 18         | 10         | 17         | 10         | 18         | 11         | 20         | 13         | 23         | 15         | 26         | 18         |
| 45  | Downtown Boise                   | 100%                                       | 4  | 1                      | 4          | 1          | 3          | 1          | 3          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 46  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 47  | Downtown Boise                   | 100%                                       | 2  | 2                      | 2          | 2          | 2          | 2          | 8          | 7          | 20         | 15         | 34         | 26         | 59         | 40         |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                   |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010   |                   | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Census Population                            | Census Households | Population | Households |
| 48  | Downtown Boise                   | 100%                                       | 18   | 11                | 16         | 10         | 15         | 10         | 32         | 21         | 56         | 39         | 90         | 63         | 121        | 91         |
| 49  | Downtown Boise                   | 100%                                       | 3  | 2                 | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 4          | 3          |
| 50  | Downtown Boise                   | 100%                                       | 451  | 295               | 451        | 295        | 441        | 295        | 445        | 298        | 440        | 302        | 448        | 307        | 447        | 314        |
| 51  | Downtown Boise                   | 100%                                       | 4  | 4                 | 4          | 4          | 5          | 4          | 19         | 14         | 50         | 30         | 87         | 52         | 154        | 77         |
| 52  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 53  | Downtown Boise                   | 100%                                       | 2  | 1                 | 0          | 0          | 0          | 0          | 60         | 33         | 137        | 84         | 249        | 153        | 338        | 234        |
| 54  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 55  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 38         | 25         | 95         | 63         | 172        | 114        | 259        | 175        |
| 56  | Downtown Boise                   | 100%                                       | 2  | 1                 | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 57  | Downtown Boise                   | 100%                                       | 413  | 236               | 502        | 287        | 477        | 288        | 479        | 289        | 452        | 289        | 452        | 289        | 425        | 289        |
| 58  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 59  | Downtown Boise                   | 100%                                       | 434  | 89                | 434        | 89         | 460        | 89         | 472        | 93         | 520        | 99         | 547        | 107        | 607        | 115        |
| 60  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 61  | Downtown Boise                   | 100%                                       | 172  | 0                 | 172        | 0          | 172        | 0          | 172        | 0          | 172        | 0          | 172        | 0          | 172        | 0          |
| 62  | Downtown Boise                   | 100%                                       | 75   | 56                | 75         | 56         | 75         | 56         | 75         | 56         | 75         | 57         | 77         | 58         | 78         | 59         |
| 63  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 64  | Downtown Boise                   | 100%                                       | 2  | 2                 | 2          | 2          | 2          | 2          | 24         | 21         | 67         | 51         | 120        | 91         | 203        | 137        |
| 65  | Downtown Boise                   | 100%                                       | 87   | 68                | 87         | 68         | 88         | 68         | 106        | 82         | 137        | 104        | 176        | 134        | 223        | 168        |
| 66  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 67  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 68  | Downtown Boise                   | 100%                                       | 38   | 23                | 38         | 23         | 36         | 23         | 49         | 31         | 65         | 43         | 89         | 59         | 110        | 77         |
| 69  | Downtown Boise                   | 100%                                       | 156  | 133               | 156        | 133        | 168        | 133        | 179        | 142        | 210        | 155        | 234        | 173        | 280        | 194        |
| 70  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 44         | 26         | 119        | 66         | 216        | 120        | 353        | 184        |
| 71  | Downtown Boise                   | 100%                                       | 3  | 3                 | 3          | 3          | 3          | 3          | 3          | 3          | 4          | 3          | 4          | 3          | 4          | 3          |
| 72  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 73  | Downtown Boise                   | 100%                                       | 2  | 1                 | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 74  | Downtown Boise                   | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 39         | 24         | 102        | 61         | 183        | 110        | 288        | 168        |
| 75  | Downtown Boise                   | 100%                                       | 88   | 45                | 90         | 46         | 87         | 47         | 91         | 49         | 91         | 52         | 96         | 55         | 97         | 59         |
| 76  | East End                         | 100%                                       | 599  | 319               | 601        | 320        | 581        | 322        | 583        | 323        | 560        | 323        | 560        | 323        | 537        | 323        |
| 77  | East End                         | 100%                                       | 634  | 359               | 636        | 360        | 621        | 361        | 629        | 366        | 624        | 373        | 639        | 382        | 638        | 392        |
| 78  | East End                         | 100%                                       | 516  | 248               | 522        | 251        | 518        | 255        | 529        | 260        | 524        | 264        | 534        | 269        | 535        | 276        |
| 79  | East End                         | 100%                                       | 2,013  | 777               | 2,070      | 799        | 2,130      | 831        | 2,179      | 850        | 2,165      | 854        | 2,165      | 854        | 2,172      | 866        |
| 80  | East End                         | 100%                                       | 316  | 51                | 316        | 51         | 316        | 51         | 344        | 63         | 385        | 81         | 443        | 106        | 510        | 135        |
| 81  | East End                         | 100%                                       | 541  | 249               | 543        | 250        | 532        | 251        | 537        | 253        | 532        | 257        | 542        | 262        | 539        | 267        |
| 82  | East End                         | 100%                                       | 369  | 146               | 374        | 148        | 372        | 152        | 380        | 155        | 370        | 156        | 370        | 156        | 362        | 158        |
| 83  | East End                         | 100%                                       | 48   | 19                | 48         | 19         | 46         | 19         | 51         | 21         | 56         | 24         | 65         | 28         | 76         | 34         |
| 84  | East End                         | 100%                                       | 379  | 179               | 383        | 181        | 381        | 182        | 386        | 184        | 388        | 187        | 394        | 190        | 398        | 194        |
| 85  | East End                         | 100%                                       | 196  | 119               | 196        | 119        | 196        | 119        | 196        | 119        | 196        | 119        | 196        | 119        | 196        | 119        |
| 86  | East End                         | 100%                                       | 780  | 460               | 780        | 460        | 760        | 460        | 765        | 463        | 752        | 468        | 762        | 474        | 752        | 481        |
| 87  | East End                         | 100%                                       | 70   | 48                | 70         | 48         | 69         | 48         | 70         | 49         | 70         | 50         | 72         | 51         | 72         | 52         |
| 88  | East End                         | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 89  | East End                         | 100%                                       | 101  | 55                | 101        | 55         | 99         | 55         | 99         | 55         | 98         | 56         | 100        | 57         | 100        | 58         |
| 90  | East End                         | 100%                                       | 422  | 167               | 435        | 172        | 388        | 181        | 399        | 186        | 328        | 186        | 328        | 186        | 258        | 187        |
| 91  | Southeast Boise                  | 100%                                       | 156  | 116               | 157        | 117        | 163        | 117        | 175        | 126        | 201        | 140        | 229        | 159        | 270        | 182        |
| 92  | Southeast Boise                  | 100%                                       | 177  | 111               | 177        | 111        | 176        | 111        | 179        | 113        | 182        | 116        | 187        | 119        | 192        | 123        |
| 93  | Southeast Boise                  | 100%                                       | 351  | 161               | 355        | 163        | 363        | 167        | 411        | 189        | 478        | 221        | 569        | 263        | 679        | 315        |
| 94  | Southeast Boise                  | 100%                                       | 408  | 218               | 410        | 219        | 406        | 219        | 406        | 219        | 402        | 219        | 402        | 219        | 398        | 219        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 95  | Southeast Boise                  | 100%                                       | 471  | 285        | 473        | 286        | 458        | 286        | 458        | 286        | 443        | 286        | 443        | 286        | 428        | 286        |
| 96  | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 97  | Southeast Boise                  | 100%                                       | 664  | 420        | 664        | 420        | 629        | 420        | 653        | 436        | 650        | 460        | 697        | 493        | 706        | 531        |
| 98  | Southeast Boise                  | 100%                                       | 284  | 126        | 286        | 127        | 281        | 127        | 283        | 128        | 281        | 130        | 286        | 132        | 286        | 135        |
| 99  | Southeast Boise                  | 100%                                       | 496  | 325        | 496        | 325        | 475        | 325        | 475        | 325        | 454        | 325        | 454        | 325        | 433        | 325        |
| 100 | Southeast Boise                  | 100%                                       | 466  | 291        | 466        | 291        | 443        | 291        | 458        | 301        | 455        | 316        | 485        | 337        | 491        | 361        |
| 101 | Southeast Boise                  | 100%                                       | 395  | 206        | 397        | 207        | 391        | 209        | 397        | 212        | 393        | 215        | 400        | 219        | 401        | 225        |
| 102 | Southeast Boise                  | 100%                                       | 426  | 269        | 428        | 270        | 413        | 271        | 421        | 276        | 415        | 283        | 429        | 293        | 429        | 305        |
| 103 | Southeast Boise                  | 100%                                       | 1,017  | 0          | 1,017      | 0          | 1,017      | 0          | 1,017      | 0          | 1,017      | 0          | 1,017      | 0          | 1,017      | 0          |
| 104 | Southeast Boise                  | 100%                                       | 210  | 118        | 210        | 118        | 203        | 118        | 295        | 171        | 426        | 255        | 614        | 368        | 807        | 500        |
| 105 | Southeast Boise                  | 100%                                       | 507  | 242        | 509        | 243        | 490        | 243        | 506        | 251        | 512        | 264        | 544        | 281        | 558        | 300        |
| 106 | Southeast Boise                  | 100%                                       | 167  | 81         | 169        | 82         | 170        | 82         | 199        | 96         | 247        | 119        | 312        | 150        | 386        | 185        |
| 107 | Southeast Boise                  | 100%                                       | 84   | 53         | 86         | 54         | 86         | 55         | 86         | 55         | 84         | 55         | 84         | 55         | 83         | 55         |
| 108 | Southeast Boise                  | 100%                                       | 790  | 425        | 790        | 425        | 757        | 425        | 772        | 433        | 759        | 445        | 786        | 461        | 783        | 481        |
| 109 | Southeast Boise                  | 100%                                       | 77   | 46         | 77         | 46         | 79         | 46         | 106        | 62         | 151        | 87         | 209        | 120        | 280        | 158        |
| 110 | Southeast Boise                  | 100%                                       | 1,090  | 491        | 1,097      | 494        | 1,067      | 497        | 1,264      | 589        | 1,513      | 730        | 1,903      | 918        | 2,280      | 1,140      |
| 111 | Southeast Boise                  | 100%                                       | 1,014  | 461        | 1,021      | 464        | 996        | 468        | 1,237      | 581        | 1,551      | 754        | 2,030      | 987        | 2,504      | 1,261      |
| 112 | Southeast Boise                  | 100%                                       | 621  | 268        | 635        | 274        | 624        | 281        | 837        | 377        | 1,105      | 521        | 1,512      | 713        | 1,904      | 941        |
| 113 | Southeast Boise                  | 100%                                       | 511  | 192        | 516        | 194        | 498        | 197        | 705        | 279        | 966        | 404        | 1,365      | 571        | 1,735      | 769        |
| 114 | Southeast Boise                  | 100%                                       | 768  | 339        | 773        | 341        | 761        | 345        | 774        | 351        | 766        | 357        | 781        | 364        | 782        | 375        |
| 115 | Southeast Boise                  | 100%                                       | 858  | 393        | 884        | 405        | 870        | 406        | 876        | 409        | 867        | 413        | 878        | 418        | 873        | 424        |
| 116 | Southeast Boise                  | 100%                                       | 1,427  | 691        | 1,489      | 721        | 1,581      | 778        | 1,615      | 795        | 1,621      | 811        | 1,659      | 830        | 1,686      | 858        |
| 117 | Southeast Boise                  | 100%                                       | 709  | 375        | 735        | 389        | 748        | 405        | 763        | 413        | 745        | 413        | 745        | 413        | 727        | 413        |
| 118 | Southeast Boise                  | 100%                                       | 349  | 173        | 349        | 173        | 341        | 173        | 367        | 186        | 397        | 206        | 449        | 233        | 497        | 264        |
| 119 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 120 | Southeast Boise                  | 100%                                       | 1,217  | 542        | 1,217      | 542        | 1,183      | 542        | 1,194      | 547        | 1,179      | 556        | 1,205      | 568        | 1,196      | 581        |
| 121 | Southeast Boise                  | 100%                                       | 468  | 235        | 470        | 236        | 466        | 238        | 480        | 245        | 489        | 254        | 510        | 265        | 528        | 279        |
| 122 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 123 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 124 | Southeast Boise                  | 100%                                       | 658  | 248        | 658        | 248        | 652        | 248        | 654        | 249        | 653        | 251        | 661        | 254        | 664        | 258        |
| 125 | Southeast Boise                  | 100%                                       | 586  | 241        | 588        | 242        | 578        | 242        | 589        | 247        | 595        | 254        | 618        | 264        | 632        | 275        |
| 126 | Southeast Barber Valley          | 100%                                       | 0  | 0          | 83         | 33         | 255        | 95         | 419        | 156        | 697        | 243        | 1,027      | 358        | 1,515      | 496        |
| 127 | Southeast Boise                  | 100%                                       | 32   | 12         | 32         | 12         | 34         | 12         | 67         | 24         | 126        | 43         | 202        | 69         | 306        | 100        |
| 128 | Southeast Barber Valley          | 100%                                       | 6  | 3          | 318        | 159        | 643        | 322        | 777        | 389        | 929        | 466        | 1,120      | 562        | 1,369      | 688        |
| 129 | Southeast Barber Valley          | 50%  | 1,256  | 481        | 1,562      | 598        | 1,896      | 731        | 2,075      | 800        | 2,061      | 800        | 2,061      | 800        | 2,047      | 800        |
| 130 | Southeast Barber Valley          | 20%  | 14   | 5          | 17         | 6          | 14         | 6          | 16         | 7          | 17         | 9          | 21         | 11         | 19         | 13         |
| 131 | Southeast Boise                  | 0%   | 15   | 5          | 39         | 13         | 40         | 13         | 40         | 13         | 41         | 13         | 41         | 13         | 42         | 13         |
| 132 | Southeast Barber Valley          | 100%                                       | 386  | 148        | 511        | 196        | 609        | 236        | 619        | 240        | 613        | 240        | 613        | 240        | 609        | 241        |
| 133 | Southeast Boise                  | 100%                                       | 527  | 189        | 535        | 192        | 535        | 193        | 535        | 193        | 533        | 193        | 533        | 193        | 530        | 193        |
| 134 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 135 | Southeast Boise                  | 100%                                       | 568  | 232        | 570        | 233        | 562        | 235        | 565        | 236        | 552        | 236        | 552        | 236        | 539        | 236        |
| 136 | Southeast Boise                  | 100%                                       | 526  | 220        | 538        | 225        | 530        | 225        | 534        | 227        | 533        | 230        | 542        | 234        | 545        | 239        |
| 137 | Southeast Boise                  | 100%                                       | 491  | 218        | 509        | 226        | 537        | 241        | 546        | 245        | 549        | 249        | 560        | 254        | 568        | 260        |
| 138 | Southeast Boise                  | 100%                                       | 831  | 331        | 834        | 332        | 829        | 333        | 832        | 334        | 827        | 335        | 832        | 337        | 830        | 339        |
| 139 | Southeast Boise                  | 100%                                       | 351  | 176        | 353        | 177        | 350        | 177        | 350        | 177        | 349        | 178        | 350        | 179        | 349        | 180        |
| 140 | Southeast Boise                  | 100%                                       | 941  | 405        | 943        | 406        | 926        | 406        | 935        | 410        | 932        | 416        | 950        | 424        | 954        | 434        |
| 141 | Southeast Boise                  | 100%                                       | 526  | 218        | 533        | 221        | 525        | 221        | 539        | 227        | 553        | 237        | 584        | 250        | 609        | 265        |

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COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 142 | Southeast Boise                  | 100%                                       | 592  | 229        | 592        | 229        | 584        | 229        | 584        | 229        | 576        | 229        | 576        | 229        | 569        | 229        |
| 143 | Southeast Boise                  | 100%                                       | 134  | 57         | 136        | 58         | 136        | 58         | 141        | 60         | 147        | 63         | 157        | 67         | 166        | 71         |
| 144 | Southeast Boise                  | 100%                                       | 436  | 184        | 438        | 185        | 432        | 185        | 432        | 185        | 425        | 185        | 425        | 185        | 418        | 185        |
| 145 | Southeast Boise                  | 100%                                       | 913  | 363        | 958        | 381        | 957        | 392        | 972        | 398        | 942        | 398        | 942        | 398        | 911        | 397        |
| 146 | Southeast Boise                  | 100%                                       | 787  | 301        | 787        | 301        | 786        | 301        | 786        | 301        | 786        | 301        | 786        | 301        | 785        | 301        |
| 147 | Southeast Boise                  | 100%                                       | 330  | 118        | 495        | 177        | 627        | 220        | 690        | 242        | 703        | 242        | 703        | 242        | 716        | 242        |
| 148 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 149 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 150 | Southeast Boise                  | 100%                                       | 629  | 246        | 637        | 249        | 599        | 249        | 599        | 249        | 561        | 249        | 561        | 249        | 517        | 246        |
| 151 | Southeast Boise                  | 100%                                       | 2,616  | 959        | 2,621      | 961        | 2,588      | 964        | 2,594      | 966        | 2,552      | 966        | 2,552      | 966        | 2,492      | 959        |
| 152 | Southeast Boise                  | 100%                                       | 1,181  | 366        | 1,216      | 377        | 1,277      | 399        | 1,312      | 410        | 1,302      | 410        | 1,302      | 410        | 1,291      | 410        |
| 153 | Southeast Boise                  | 100%                                       | 235  | 83         | 235        | 83         | 247        | 83         | 247        | 83         | 259        | 83         | 259        | 83         | 271        | 83         |
| 154 | Southeast Boise                  | 100%                                       | 76   | 31         | 76         | 31         | 76         | 31         | 76         | 31         | 76         | 31         | 76         | 31         | 76         | 31         |
| 155 | Southeast Boise                  | 100%                                       | 281  | 136        | 281        | 136        | 271        | 136        | 275        | 138        | 270        | 141        | 278        | 145        | 278        | 151        |
| 156 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 157 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 158 | Southeast Boise                  | 100%                                       | 1,472  | 499        | 1,490      | 505        | 1,480      | 509        | 1,486      | 511        | 1,465      | 511        | 1,465      | 511        | 1,447      | 512        |
| 159 | Southeast Boise                  | 100%                                       | 836  | 265        | 839        | 266        | 837        | 269        | 862        | 277        | 884        | 288        | 927        | 302        | 969        | 320        |
| 160 | Southeast Boise                  | 100%                                       | 4  | 2          | 150        | 75         | 482        | 205        | 529        | 225        | 608        | 225        | 608        | 225        | 686        | 225        |
| 161 | Southeast Boise                  | 100%                                       | 75   | 20         | 75         | 20         | 74         | 20         | 74         | 20         | 73         | 20         | 73         | 20         | 75         | 21         |
| 162 | Southeast Boise                  | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 3          | 2          | 5          | 3          | 5          | 4          |
| 163 | Southeast Boise                  | 100%                                       | 476  | 245        | 476        | 245        | 470        | 247        | 478        | 251        | 477        | 256        | 489        | 262        | 493        | 270        |
| 164 | Southeast Boise                  | 100%                                       | 699  | 293        | 720        | 302        | 750        | 319        | 766        | 326        | 764        | 330        | 771        | 333        | 777        | 341        |
| 165 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 166 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 167 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 168 | Southeast Boise                  | 100%                                       | 314  | 156        | 314        | 156        | 278        | 156        | 303        | 170        | 299        | 192        | 344        | 221        | 339        | 255        |
| 169 | Blacks Creek Rural               | 100%                                       | 1  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 170 | Blacks Creek Rural               | 100%                                       | 1  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 171 | Blacks Creek Rural               | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 172 | Blacks Creek Rural               | 15%  | 4  | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 6          | 3          | 8          | 4          |
| 173 | Blacks Creek Rural               | 0%   | 3,047  | 0          | 3,047      | 0          | 3,047      | 0          | 3,047      | 0          | 3,047      | 0          | 3,047      | 0          | 3,047      | 0          |
| 174 | Blacks Creek Rural               | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 175 | Blacks Creek Rural               | 100%                                       | 4  | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          |
| 176 | Blacks Creek Rural               | 15%  | 4  | 1          | 4          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 177 | Blacks Creek Rural               | 0%   | 1  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 178 | Southeast Boise                  | 100%                                       | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 179 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 180 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 181 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 182 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 183 | Airport                          | 100%                                       | 16   | 11         | 16         | 11         | 18         | 11         | 18         | 11         | 21         | 11         | 21         | 11         | 0          | 0          |
| 184 | Airport                          | 100%                                       | 7  | 3          | 7          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 5          | 3          |
| 185 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 186 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 187 | Airport                          | 100%                                       | 4  | 1          | 4          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 188 | Airport                          | 100%                                       | 9  | 4          | 9          | 4          | 8          | 4          | 8          | 4          | 7          | 4          | 7          | 4          | 6          | 4          |

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COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 189 | Airport                          | 100%                                       | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 190 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 191 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 192 | Airport                          | 100%                                       | 2  | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 3          | 2          |
| 193 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 194 | Airport                          | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 195 | Airport                          | 100%                                       | 138  | 54         | 143        | 56         | 138        | 57         | 138        | 57         | 129        | 57         | 129        | 57         | 0          | 0          |
| 196 | Airport                          | 100%                                       | 344  | 133        | 349        | 135        | 333        | 135        | 343        | 139        | 343        | 146        | 365        | 155        | 371        | 166        |
| 197 | Airport                          | 100%                                       | 21   | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          |
| 198 | Airport                          | 100%                                       | 2  | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 3          | 2          |
| 199 | Airport                          | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 200 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 201 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 202 | Southwest Boise                  | 100%                                       | 13   | 5          | 13         | 5          | 13         | 5          | 13         | 5          | 13         | 5          | 13         | 5          | 13         | 5          |
| 203 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 204 | Southwest Boise                  | 100%                                       | 18   | 5          | 18         | 5          | 17         | 5          | 24         | 7          | 31         | 10         | 41         | 13         | 49         | 17         |
| 205 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 206 | Southwest Boise                  | 100%                                       | 0  | 0          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 207 | Southwest Boise                  | 100%                                       | 552  | 195        | 560        | 198        | 567        | 203        | 575        | 206        | 570        | 207        | 573        | 208        | 571        | 210        |
| 208 | Southwest Boise                  | 100%                                       | 609  | 217        | 626        | 223        | 641        | 231        | 661        | 238        | 678        | 247        | 708        | 258        | 738        | 272        |
| 209 | Southwest Boise                  | 100%                                       | 158  | 54         | 161        | 55         | 156        | 55         | 165        | 58         | 173        | 63         | 192        | 70         | 208        | 78         |
| 210 | Southwest Boise                  | 100%                                       | 160  | 105        | 232        | 152        | 367        | 235        | 400        | 256        | 421        | 263        | 424        | 265        | 460        | 281        |
| 211 | Southwest Boise                  | 100%                                       | 167  | 60         | 170        | 61         | 169        | 61         | 169        | 61         | 169        | 61         | 169        | 61         | 166        | 60         |
| 212 | Southwest Boise                  | 100%                                       | 152  | 45         | 152        | 45         | 152        | 45         | 152        | 45         | 152        | 45         | 152        | 45         | 153        | 45         |
| 213 | Southwest Boise                  | 100%                                       | 186  | 78         | 188        | 79         | 187        | 80         | 189        | 81         | 188        | 82         | 190        | 83         | 189        | 84         |
| 214 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 215 | Airport                          | 100%                                       | 16   | 5          | 16         | 5          | 16         | 5          | 16         | 5          | 16         | 5          | 16         | 5          | 16         | 5          |
| 216 | Airport                          | 100%                                       | 9  | 4          | 9          | 4          | 9          | 4          | 9          | 4          | 12         | 5          | 15         | 6          | 18         | 7          |
| 217 | Airport                          | 100%                                       | 8  | 5          | 10         | 6          | 9          | 6          | 9          | 6          | 9          | 6          | 9          | 6          | 8          | 6          |
| 218 | Southwest Boise                  | 100%                                       | 1,035  | 377        | 1,137      | 414        | 1,309      | 482        | 1,406      | 518        | 1,396      | 520        | 1,396      | 520        | 1,394      | 525        |
| 219 | Southwest Boise                  | 100%                                       | 1,083  | 383        | 1,083      | 383        | 1,065      | 384        | 1,065      | 384        | 1,045      | 384        | 1,045      | 384        | 1,025      | 384        |
| 220 | Southwest Boise                  | 100%                                       | 1,951  | 659        | 1,963      | 663        | 1,946      | 666        | 1,963      | 672        | 1,957      | 679        | 1,983      | 688        | 1,993      | 701        |
| 221 | Southwest Boise                  | 100%                                       | 726  | 262        | 734        | 265        | 719        | 265        | 719        | 265        | 703        | 265        | 703        | 265        | 690        | 266        |
| 222 | Southwest Boise                  | 100%                                       | 880  | 273        | 899        | 279        | 897        | 282        | 904        | 284        | 892        | 284        | 892        | 284        | 880        | 284        |
| 223 | Southwest Boise                  | 100%                                       | 683  | 220        | 767        | 247        | 776        | 260        | 809        | 271        | 793        | 277        | 807        | 282        | 803        | 293        |
| 224 | Southwest Boise                  | 100%                                       | 831  | 272        | 834        | 273        | 831        | 273        | 879        | 289        | 951        | 314        | 1,051      | 347        | 1,164      | 386        |
| 225 | Southwest Boise                  | 100%                                       | 673  | 217        | 673        | 217        | 662        | 217        | 668        | 219        | 667        | 222        | 679        | 226        | 685        | 232        |
| 226 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 227 | Southwest Boise                  | 100%                                       | 653  | 197        | 656        | 198        | 654        | 199        | 654        | 199        | 648        | 199        | 648        | 199        | 636        | 197        |
| 228 | Southwest Boise                  | 100%                                       | 449  | 150        | 449        | 150        | 441        | 150        | 441        | 150        | 432        | 150        | 432        | 150        | 424        | 150        |
| 229 | Southwest Boise                  | 100%                                       | 591  | 199        | 594        | 200        | 584        | 200        | 584        | 200        | 574        | 200        | 574        | 200        | 562        | 199        |
| 230 | Southwest Boise                  | 100%                                       | 188  | 69         | 188        | 69         | 186        | 69         | 186        | 69         | 183        | 69         | 183        | 69         | 184        | 70         |
| 231 | Southwest Boise                  | 100%                                       | 683  | 235        | 686        | 236        | 679        | 237        | 679        | 237        | 668        | 237        | 668        | 237        | 655        | 236        |
| 232 | Southwest Boise                  | 100%                                       | 404  | 141        | 407        | 142        | 399        | 142        | 405        | 144        | 405        | 147        | 416        | 151        | 424        | 157        |
| 233 | Southwest Boise                  | 100%                                       | 703  | 242        | 732        | 252        | 770        | 272        | 807        | 285        | 797        | 289        | 802        | 291        | 810        | 302        |
| 234 | Southwest Boise                  | 100%                                       | 213  | 76         | 219        | 78         | 226        | 81         | 284        | 102        | 366        | 132        | 477        | 172        | 605        | 219        |
| 235 | Southwest Boise                  | 100%                                       | 259  | 94         | 259        | 94         | 265        | 94         | 324        | 115        | 426        | 148        | 556        | 193        | 721        | 245        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                        |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population                       | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 236 | Southwest Boise                  | 100%                                       | 136  | 49                     | 136        | 49         | 138        | 49         | 138        | 49         | 139        | 49         | 139        | 49         | 144        | 50         |
| 237 | Southwest Boise                  | 100%                                       | 408  | 132                    | 411        | 133        | 403        | 133        | 578        | 191        | 836        | 282        | 1,197      | 404        | 1,586      | 547        |
| 238 | Southwest Boise                  | 100%                                       | 212  | 71                     | 212        | 71         | 218        | 71         | 218        | 71         | 224        | 71         | 224        | 71         | 229        | 71         |
| 239 | Southwest Boise                  | 100%                                       | 116  | 43                     | 116        | 43         | 114        | 43         | 137        | 52         | 171        | 66         | 217        | 84         | 265        | 105        |
| 240 | Southwest Boise                  | 100%                                       | 405  | 129                    | 405        | 129        | 401        | 129        | 401        | 129        | 397        | 129        | 397        | 129        | 392        | 129        |
| 241 | Southwest Boise                  | 100%                                       | 1,331  | 504                    | 1,439      | 545        | 1,496      | 572        | 1,533      | 586        | 1,518      | 586        | 1,518      | 586        | 1,501      | 585        |
| 242 | Southwest Boise                  | 100%                                       | 1,150  | 435                    | 1,153      | 436        | 1,140      | 437        | 1,143      | 438        | 1,128      | 438        | 1,128      | 438        | 1,117      | 440        |
| 243 | Southwest Boise                  | 100%                                       | 501  | 159                    | 504        | 160        | 495        | 160        | 501        | 162        | 501        | 165        | 513        | 169        | 519        | 174        |
| 244 | Southwest Boise                  | 100%                                       | 182  | 73                     | 184        | 74         | 178        | 74         | 178        | 74         | 171        | 74         | 171        | 74         | 162        | 73         |
| 245 | Airport                          | 100%                                       | 300  | 113                    | 305        | 115        | 310        | 119        | 321        | 123        | 320        | 125        | 325        | 127        | 329        | 131        |
| 246 | Southwest Boise                  | 100%                                       | 154  | 51                     | 190        | 63         | 233        | 80         | 262        | 90         | 258        | 92         | 258        | 92         | 266        | 99         |
| 247 | Airport                          | 100%                                       | 8  | 3                      | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          |
| 248 | Southwest Boise                  | 100%                                       | 993  | 427                    | 1,000      | 430        | 1,003      | 436        | 1,028      | 447        | 1,044      | 459        | 1,078      | 474        | 1,115      | 496        |
| 249 | Airport                          | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 250 | Airport                          | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 251 | Southwest Boise                  | 100%                                       | 789  | 280                    | 803        | 285        | 794        | 288        | 799        | 290        | 782        | 290        | 782        | 290        | 761        | 289        |
| 252 | Southwest Boise                  | 100%                                       | 588  | 229                    | 683        | 266        | 760        | 302        | 806        | 320        | 789        | 320        | 789        | 320        | 773        | 320        |
| 253 | Southwest Boise                  | 100%                                       | 249  | 87                     | 255        | 89         | 255        | 90         | 309        | 109        | 387        | 138        | 496        | 177        | 622        | 224        |
| 254 | Southwest Boise                  | 100%                                       | 536  | 196                    | 686        | 251        | 840        | 307        | 889        | 325        | 889        | 325        | 889        | 325        | 892        | 326        |
| 255 | Southwest Boise                  | 100%                                       | 932  | 344                    | 1,073      | 396        | 1,226      | 468        | 1,331      | 508        | 1,395      | 551        | 1,526      | 603        | 1,648      | 675        |
| 256 | Southwest Boise                  | 100%                                       | 330  | 116                    | 367        | 129        | 378        | 134        | 386        | 137        | 386        | 138        | 386        | 138        | 388        | 140        |
| 257 | Southwest Boise                  | 100%                                       | 932  | 311                    | 935        | 312        | 921        | 312        | 927        | 314        | 918        | 316        | 927        | 319        | 924        | 323        |
| 258 | Southwest Boise                  | 100%                                       | 786  | 268                    | 795        | 271        | 787        | 271        | 790        | 272        | 785        | 273        | 787        | 274        | 782        | 275        |
| 259 | Southwest Boise                  | 100%                                       | 198  | 76                     | 808        | 310        | 1,691      | 700        | 2,186      | 905        | 2,571      | 1,155      | 3,279      | 1,473      | 3,840      | 1,886      |
| 260 | Southwest Boise                  | 100%                                       | 770  | 284                    | 773        | 285        | 766        | 286        | 771        | 288        | 767        | 290        | 775        | 293        | 775        | 297        |
| 261 | Southwest Boise                  | 100%                                       | 506  | 179                    | 509        | 180        | 497        | 180        | 502        | 182        | 501        | 186        | 514        | 191        | 515        | 196        |
| 262 | Southwest Boise                  | 100%                                       | 2,765  | 761                    | 2,972      | 818        | 2,886      | 887        | 3,661      | 1,125      | 4,149      | 1,443      | 5,336      | 1,856      | 5,917      | 2,371      |
| 263 | Southwest Boise                  | 100%                                       | 996  | 311                    | 1,262      | 394        | 1,650      | 538        | 1,840      | 600        | 1,934      | 660        | 2,142      | 731        | 2,333      | 835        |
| 264 | Southwest Boise                  | 30%  | 152  | 55                     | 158        | 57         | 175        | 61         | 241        | 84         | 344        | 116        | 469        | 158        | 645        | 210        |
| 265 | Southwest Boise                  | 100%                                       | 408  | 141                    | 420        | 145        | 438        | 152        | 449        | 156        | 450        | 157        | 450        | 157        | 453        | 159        |
| 266 | Southwest Boise                  | 0%   | 4  | 2                      | 4          | 2          | 5          | 2          | 30         | 13         | 77         | 30         | 134        | 52         | 223        | 78         |
| 267 | Southwest Boise                  | 50%  | 1,304  | 446                    | 1,345      | 460        | 1,357      | 469        | 1,418      | 490        | 1,474      | 515        | 1,566      | 547        | 1,668      | 589        |
| 268 | Southwest Boise                  | 100%                                       | 1  | 1                      | 1          | 1          | 2          | 1          | 42         | 27         | 143        | 68         | 258        | 123        | 492        | 186        |
| 269 | Southwest Boise                  | 100%                                       | 183  | 63                     | 183        | 63         | 181        | 63         | 181        | 63         | 178        | 63         | 181        | 64         | 182        | 65         |
| 270 | Southwest Boise                  | 0%   | 167  | 48                     | 320        | 92         | 494        | 150        | 567        | 172        | 591        | 190        | 650        | 209        | 702        | 240        |
| 271 | Southwest Boise                  | 0%   | 58   | 20                     | 61         | 21         | 62         | 22         | 62         | 22         | 61         | 22         | 61         | 22         | 60         | 22         |
| 272 | Southwest Boise                  | 100%                                       | 133  | 52                     | 136        | 53         | 130        | 53         | 130        | 53         | 124        | 53         | 124        | 53         | 119        | 53         |
| 273 | Southwest Boise                  | 100%                                       | 464  | 131                    | 464        | 131        | 456        | 131        | 463        | 133        | 464        | 136        | 478        | 140        | 489        | 146        |
| 274 | Southwest Boise                  | 0%   | 74   | 25                     | 74         | 25         | 71         | 25         | 80         | 28         | 88         | 32         | 101        | 37         | 113        | 43         |
| 275 | Southwest Boise                  | 0%   | 299  | 96                     | 299        | 96         | 292        | 96         | 353        | 116        | 437        | 147        | 562        | 189        | 688        | 237        |
| 276 | Southwest Boise                  | 100%                                       | 101  | 37                     | 98         | 36         | 103        | 37         | 292        | 105        | 599        | 212        | 1,006      | 356        | 1,509      | 525        |
| 277 | Southwest Boise                  | 100%                                       | 1,580  | 528                    | 1,583      | 529        | 1,567      | 529        | 1,567      | 529        | 1,552      | 529        | 1,552      | 529        | 1,536      | 529        |
| 278 | Southwest Boise                  | 0%   | 66   | 34                     | 93         | 48         | 99         | 51         | 114        | 59         | 134        | 69         | 157        | 81         | 186        | 96         |
| 279 | Southwest Boise                  | 100%                                       | 94   | 34                     | 97         | 35         | 97         | 35         | 164        | 59         | 269        | 96         | 410        | 146        | 580        | 205        |
| 280 | Airport                          | 100%                                       | 1  | 1                      | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 281 | Southwest Boise                  | 100%                                       | 493  | 195                    | 496        | 196        | 490        | 196        | 490        | 196        | 485        | 196        | 485        | 196        | 480        | 196        |
| 282 | Southwest Boise                  | 100%                                       | 1,500  | 508                    | 1,538      | 521        | 1,561      | 537        | 1,590      | 547        | 1,571      | 549        | 1,571      | 549        | 1,566      | 556        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 283 | Ten Mile Creek Rural             | 85%  | 3  | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 284 | Ten Mile Creek Rural             | 100%                                       | 98   | 45         | 102        | 47         | 103        | 50         | 107        | 52         | 100        | 52         | 100        | 52         | 92         | 51         |
| 285 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 286 | Southwest Boise                  | 100%                                       | 21   | 8          | 26         | 10         | 22         | 10         | 22         | 10         | 18         | 10         | 19         | 11         | 16         | 12         |
| 287 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 288 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 289 | Southwest Boise                  | 100%                                       | 51   | 21         | 51         | 21         | 51         | 21         | 51         | 21         | 51         | 21         | 51         | 21         | 51         | 21         |
| 290 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 291 | Ten Mile Creek Rural             | 100%                                       | 10   | 5          | 10         | 5          | 10         | 5          | 12         | 6          | 14         | 7          | 17         | 9          | 21         | 11         |
| 292 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 293 | Southwest Boise                  | 100%                                       | 1,631  | 534        | 1,658      | 543        | 1,636      | 547        | 1,704      | 570        | 1,761      | 602        | 1,884      | 644        | 1,991      | 696        |
| 294 | Southwest Boise                  | 100%                                       | 1,216  | 395        | 1,216      | 395        | 1,207      | 395        | 1,252      | 410        | 1,315      | 434        | 1,412      | 466        | 1,516      | 504        |
| 295 | Southwest Boise                  | 100%                                       | 306  | 88         | 309        | 89         | 274        | 90         | 286        | 94         | 260        | 100        | 284        | 109        | 257        | 119        |
| 296 | Southwest Boise                  | 0%   | 20   | 7          | 20         | 7          | 20         | 7          | 20         | 7          | 20         | 7          | 20         | 7          | 20         | 7          |
| 297 | Southwest Boise                  | 100%                                       | 249  | 87         | 249        | 87         | 241        | 87         | 243        | 87         | 233        | 87         | 233        | 87         | 224        | 87         |
| 298 | Ten Mile Creek Rural             | 0%   | 44   | 16         | 47         | 17         | 48         | 17         | 48         | 17         | 50         | 17         | 50         | 17         | 51         | 17         |
| 299 | Ten Mile Creek Rural             | 0%   | 2,123  | 0          | 2,123      | 0          | 2,123      | 0          | 2,123      | 0          | 2,123      | 0          | 2,123      | 0          | 2,123      | 0          |
| 300 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 301 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 302 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 303 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 304 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 305 | Ten Mile Creek Rural             | 100%                                       | 73   | 24         | 73         | 24         | 70         | 24         | 73         | 25         | 75         | 27         | 83         | 30         | 90         | 34         |
| 306 | Ten Mile Creek Rural             | 0%   | 624  | 211        | 633        | 214        | 615        | 218        | 632        | 224        | 618        | 230        | 636        | 237        | 630        | 247        |
| 307 | Ten Mile Creek Rural             | 0%   | 18   | 6          | 21         | 7          | 24         | 8          | 32         | 11         | 47         | 16         | 67         | 23         | 86         | 30         |
| 308 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 309 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 310 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 311 | Ten Mile Creek Rural             | 0%   | 37   | 12         | 37         | 12         | 37         | 12         | 37         | 12         | 37         | 12         | 37         | 12         | 37         | 12         |
| 312 | Ten Mile Creek Rural             | 100%                                       | 21   | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          |
| 313 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 314 | Ten Mile Creek Rural             | 0%   | 97   | 32         | 97         | 32         | 92         | 32         | 92         | 32         | 87         | 32         | 87         | 32         | 82         | 32         |
| 315 | Ten Mile Creek Rural             | 15%  | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 316 | Ten Mile Creek Rural             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 317 | Southwest Boise                  | 0%   | 42   | 16         | 42         | 16         | 40         | 16         | 40         | 16         | 41         | 17         | 43         | 18         | 44         | 19         |
| 318 | Southwest Boise                  | 0%   | 62   | 26         | 64         | 27         | 64         | 27         | 64         | 27         | 63         | 27         | 63         | 27         | 65         | 28         |
| 319 | Ten Mile Creek Rural             | 0%   | 206  | 70         | 209        | 71         | 202        | 72         | 202        | 72         | 193        | 72         | 196        | 73         | 189        | 74         |
| 320 | Ten Mile Creek Rural             | 0%   | 34   | 15         | 34         | 15         | 32         | 15         | 32         | 15         | 31         | 16         | 33         | 17         | 32         | 18         |
| 321 | Ten Mile Creek Rural             | 0%   | 66   | 24         | 69         | 25         | 65         | 25         | 65         | 25         | 61         | 25         | 61         | 25         | 58         | 25         |
| 322 | Ten Mile Creek Rural             | 0%   | 53   | 18         | 53         | 18         | 51         | 18         | 51         | 18         | 50         | 18         | 50         | 18         | 48         | 18         |
| 323 | Ten Mile Creek Rural             | 0%   | 26   | 11         | 31         | 13         | 37         | 16         | 42         | 18         | 41         | 18         | 41         | 18         | 41         | 18         |
| 324 | Southwest Boise                  | 100%                                       | 24   | 11         | 24         | 11         | 24         | 11         | 24         | 11         | 25         | 11         | 25         | 11         | 25         | 11         |
| 325 | Southwest Boise                  | 100%                                       | 8  | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 10         | 5          | 12         | 6          |
| 326 | Central Bench                    | 100%                                       | 935  | 0          | 935        | 0          | 935        | 0          | 935        | 0          | 935        | 0          | 935        | 0          | 935        | 0          |
| 327 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 328 | Central Bench                    | 100%                                       | 932  | 414        | 934        | 415        | 903        | 417        | 921        | 425        | 908        | 436        | 937        | 450        | 933        | 467        |
| 329 | Central Bench                    | 100%                                       | 538  | 307        | 538        | 307        | 512        | 307        | 524        | 314        | 515        | 325        | 537        | 339        | 534        | 356        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 330 | Central Bench                    | 100%                                       | 91   | 79         | 91         | 79         | 100        | 79         | 110        | 87         | 138        | 100        | 161        | 117        | 203        | 136        |
| 331 | Central Bench                    | 100%                                       | 2,533  | 1,081      | 2,549      | 1,088      | 2,466      | 1,093      | 2,689      | 1,192      | 2,912      | 1,343      | 3,352      | 1,546      | 3,714      | 1,785      |
| 332 | Central Bench                    | 100%                                       | 720  | 304        | 732        | 309        | 729        | 317        | 747        | 325        | 736        | 330        | 747        | 335        | 748        | 346        |
| 333 | Central Bench                    | 100%                                       | 729  | 325        | 742        | 331        | 755        | 340        | 766        | 345        | 758        | 345        | 758        | 345        | 747        | 344        |
| 334 | Central Bench                    | 100%                                       | 374  | 157        | 375        | 158        | 365        | 161        | 512        | 226        | 699        | 325        | 985        | 458        | 1,250      | 614        |
| 335 | Central Bench                    | 100%                                       | 86   | 44         | 86         | 44         | 82         | 44         | 92         | 49         | 102        | 57         | 122        | 68         | 141        | 82         |
| 336 | Central Bench                    | 100%                                       | 178  | 32         | 181        | 33         | 192        | 33         | 195        | 34         | 211        | 35         | 214        | 36         | 231        | 37         |
| 337 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 338 | Central Bench                    | 100%                                       | 2  | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          |
| 339 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 340 | Central Bench                    | 100%                                       | 616  | 234        | 616        | 234        | 573        | 234        | 870        | 355        | 1,234      | 544        | 1,813      | 799        | 2,292      | 1,098      |
| 341 | Central Bench                    | 100%                                       | 1,544  | 652        | 1,546      | 653        | 1,502      | 653        | 1,520      | 661        | 1,502      | 673        | 1,537      | 689        | 1,533      | 709        |
| 342 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 343 | Central Bench                    | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          |
| 344 | Central Bench                    | 100%                                       | 324  | 167        | 324        | 167        | 322        | 167        | 419        | 217        | 569        | 296        | 772        | 402        | 1,008      | 527        |
| 345 | Central Bench                    | 100%                                       | 267  | 138        | 267        | 138        | 260        | 138        | 263        | 140        | 260        | 142        | 265        | 145        | 264        | 149        |
| 346 | Central Bench                    | 100%                                       | 258  | 117        | 260        | 118        | 253        | 118        | 255        | 119        | 252        | 121        | 259        | 124        | 257        | 127        |
| 347 | Central Bench                    | 100%                                       | 222  | 99         | 224        | 100        | 228        | 103        | 233        | 105        | 233        | 106        | 235        | 107        | 236        | 109        |
| 348 | Central Bench                    | 100%                                       | 233  | 101        | 235        | 102        | 233        | 103        | 237        | 105        | 235        | 106        | 237        | 107        | 238        | 110        |
| 349 | Central Bench                    | 100%                                       | 349  | 168        | 353        | 170        | 353        | 173        | 402        | 197        | 464        | 232        | 558        | 279        | 655        | 334        |
| 350 | Central Bench                    | 100%                                       | 749  | 352        | 755        | 355        | 751        | 360        | 764        | 366        | 759        | 371        | 769        | 376        | 769        | 384        |
| 351 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 352 | Central Bench                    | 100%                                       | 557  | 415        | 558        | 416        | 574        | 417        | 745        | 541        | 1,038      | 736        | 1,408      | 998        | 1,885      | 1,304      |
| 353 | Central Bench                    | 100%                                       | 279  | 121        | 281        | 122        | 277        | 123        | 280        | 124        | 278        | 126        | 282        | 128        | 282        | 131        |
| 354 | Central Bench                    | 100%                                       | 276  | 144        | 276        | 144        | 276        | 144        | 297        | 155        | 329        | 172        | 373        | 195        | 423        | 221        |
| 355 | Central Bench                    | 100%                                       | 342  | 185        | 346        | 187        | 348        | 191        | 352        | 193        | 347        | 193        | 347        | 193        | 342        | 193        |
| 356 | Central Bench                    | 100%                                       | 214  | 100        | 218        | 102        | 215        | 104        | 221        | 107        | 224        | 112        | 238        | 119        | 242        | 126        |
| 357 | Central Bench                    | 100%                                       | 39   | 19         | 43         | 21         | 43         | 21         | 43         | 21         | 42         | 21         | 42         | 21         | 42         | 21         |
| 358 | Central Bench                    | 100%                                       | 385  | 169        | 387        | 170        | 383        | 172        | 390        | 175        | 388        | 178        | 394        | 181        | 394        | 185        |
| 359 | Central Bench                    | 100%                                       | 577  | 241        | 579        | 242        | 553        | 244        | 569        | 251        | 558        | 261        | 586        | 274        | 581        | 289        |
| 360 | Central Bench                    | 100%                                       | 218  | 106        | 220        | 107        | 224        | 110        | 228        | 112        | 227        | 113        | 229        | 114        | 232        | 117        |
| 361 | Central Bench                    | 100%                                       | 375  | 169        | 375        | 169        | 365        | 170        | 371        | 173        | 367        | 177        | 377        | 182        | 376        | 188        |
| 362 | Central Bench                    | 100%                                       | 564  | 265        | 573        | 269        | 571        | 277        | 588        | 285        | 579        | 290        | 591        | 296        | 593        | 307        |
| 363 | Central Bench                    | 100%                                       | 462  | 216        | 464        | 217        | 453        | 218        | 459        | 221        | 453        | 225        | 464        | 230        | 465        | 238        |
| 364 | Central Bench                    | 100%                                       | 344  | 138        | 344        | 138        | 338        | 138        | 340        | 139        | 338        | 141        | 343        | 143        | 341        | 145        |
| 365 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 366 | Central Bench                    | 100%                                       | 414  | 208        | 416        | 209        | 409        | 209        | 413        | 211        | 411        | 214        | 419        | 218        | 419        | 222        |
| 367 | Central Bench                    | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 50         | 30         | 135        | 74         | 242        | 133        | 400        | 202        |
| 368 | Central Bench                    | 100%                                       | 308  | 163        | 308        | 163        | 303        | 163        | 305        | 164        | 303        | 165        | 306        | 167        | 305        | 169        |
| 369 | Central Bench                    | 100%                                       | 926  | 390        | 950        | 400        | 986        | 420        | 1,012      | 431        | 1,006      | 433        | 1,006      | 433        | 1,004      | 437        |
| 370 | Central Bench                    | 100%                                       | 65   | 32         | 65         | 32         | 59         | 32         | 94         | 51         | 135        | 81         | 203        | 122        | 252        | 170        |
| 371 | Central Bench                    | 100%                                       | 301  | 146        | 326        | 158        | 414        | 170        | 507        | 208        | 726        | 258        | 909        | 323        | 1,292      | 405        |
| 372 | Central Bench                    | 100%                                       | 432  | 158        | 432        | 158        | 416        | 158        | 424        | 161        | 418        | 165        | 431        | 170        | 428        | 176        |
| 373 | Central Bench                    | 100%                                       | 148  | 84         | 148        | 84         | 145        | 84         | 188        | 109        | 249        | 147        | 335        | 198        | 430        | 259        |
| 374 | Central Bench                    | 100%                                       | 1,268  | 501        | 1,268      | 501        | 1,215      | 501        | 1,237      | 510        | 1,218      | 525        | 1,264      | 545        | 1,257      | 568        |
| 375 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 376 | Central Bench                    | 100%                                       | 2,085  | 816        | 2,090      | 818        | 2,062      | 821        | 2,080      | 828        | 2,066      | 837        | 2,093      | 848        | 2,087      | 861        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 377 | Central Bench                    | 100%                                       | 621  | 282        | 625        | 284        | 619        | 287        | 634        | 294        | 639        | 303        | 662        | 314        | 678        | 329        |
| 378 | Central Bench                    | 100%                                       | 592  | 256        | 594        | 257        | 573        | 257        | 581        | 261        | 572        | 267        | 591        | 276        | 589        | 286        |
| 379 | Central Bench                    | 100%                                       | 509  | 227        | 511        | 228        | 506        | 229        | 508        | 230        | 500        | 230        | 500        | 230        | 492        | 230        |
| 380 | Central Bench                    | 100%                                       | 345  | 163        | 347        | 164        | 336        | 164        | 338        | 165        | 329        | 166        | 333        | 168        | 326        | 170        |
| 381 | Central Bench                    | 100%                                       | 182  | 72         | 187        | 74         | 194        | 77         | 199        | 79         | 198        | 79         | 198        | 79         | 197        | 79         |
| 382 | Central Bench                    | 100%                                       | 262  | 119        | 264        | 120        | 261        | 120        | 263        | 121        | 262        | 122        | 264        | 123        | 262        | 124        |
| 383 | Central Bench                    | 100%                                       | 176  | 77         | 178        | 78         | 174        | 78         | 176        | 79         | 173        | 80         | 177        | 82         | 177        | 84         |
| 384 | Central Bench                    | 100%                                       | 125  | 50         | 128        | 51         | 126        | 53         | 131        | 55         | 129        | 57         | 133        | 59         | 133        | 62         |
| 385 | Central Bench                    | 100%                                       | 299  | 128        | 301        | 129        | 299        | 130        | 317        | 138        | 339        | 150        | 375        | 166        | 409        | 184        |
| 386 | Central Bench                    | 100%                                       | 290  | 124        | 292        | 125        | 284        | 126        | 288        | 128        | 284        | 131        | 292        | 135        | 293        | 141        |
| 387 | Central Bench                    | 100%                                       | 253  | 106        | 255        | 107        | 244        | 108        | 260        | 115        | 265        | 124        | 291        | 136        | 304        | 151        |
| 388 | Central Bench                    | 100%                                       | 389  | 177        | 391        | 178        | 379        | 179        | 386        | 182        | 379        | 186        | 392        | 192        | 390        | 199        |
| 389 | Central Bench                    | 100%                                       | 250  | 123        | 252        | 124        | 254        | 125        | 284        | 140        | 330        | 163        | 395        | 195        | 469        | 232        |
| 390 | Central Bench                    | 100%                                       | 11   | 6          | 11         | 6          | 10         | 6          | 10         | 6          | 10         | 6          | 10         | 6          | 11         | 7          |
| 391 | Central Bench                    | 100%                                       | 150  | 84         | 152        | 85         | 156        | 86         | 259        | 143        | 426        | 232        | 647        | 352        | 921        | 494        |
| 392 | Central Bench                    | 100%                                       | 224  | 109        | 226        | 110        | 225        | 111        | 331        | 163        | 487        | 243        | 702        | 350        | 945        | 477        |
| 393 | Central Bench                    | 100%                                       | 2  | 1          | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 394 | Central Bench                    | 100%                                       | 627  | 261        | 629        | 262        | 617        | 262        | 622        | 264        | 617        | 267        | 626        | 271        | 625        | 276        |
| 395 | Central Bench                    | 100%                                       | 738  | 361        | 742        | 363        | 728        | 367        | 750        | 378        | 753        | 392        | 788        | 410        | 807        | 434        |
| 396 | Central Bench                    | 100%                                       | 881  | 355        | 883        | 356        | 879        | 359        | 886        | 362        | 882        | 365        | 889        | 368        | 889        | 373        |
| 397 | Central Bench                    | 100%                                       | 655  | 330        | 655        | 330        | 642        | 330        | 648        | 333        | 642        | 337        | 652        | 342        | 650        | 348        |
| 398 | Central Bench                    | 100%                                       | 880  | 366        | 918        | 382        | 963        | 411        | 1,235      | 527        | 1,596      | 699        | 2,118      | 928        | 2,671      | 1,202      |
| 399 | Central Bench                    | 100%                                       | 10   | 4          | 10         | 4          | 10         | 4          | 10         | 4          | 10         | 4          | 10         | 4          | 10         | 4          |
| 400 | Central Bench                    | 100%                                       | 1,178  | 507        | 1,194      | 514        | 1,164      | 521        | 1,401      | 627        | 1,688      | 787        | 2,147      | 1,001      | 2,580      | 1,255      |
| 401 | Central Bench                    | 100%                                       | 1,108  | 482        | 1,115      | 485        | 1,077      | 488        | 1,221      | 553        | 1,380      | 652        | 1,662      | 785        | 1,909      | 942        |
| 402 | Central Bench                    | 100%                                       | 895  | 409        | 899        | 411        | 882        | 415        | 1,041      | 490        | 1,247      | 605        | 1,565      | 759        | 1,881      | 941        |
| 403 | Central Bench                    | 100%                                       | 1,107  | 464        | 1,109      | 465        | 1,092      | 467        | 1,104      | 472        | 1,096      | 478        | 1,112      | 485        | 1,109      | 494        |
| 404 | Central Bench                    | 100%                                       | 141  | 82         | 141        | 82         | 135        | 82         | 138        | 84         | 136        | 87         | 141        | 90         | 140        | 94         |
| 405 | Central Bench                    | 100%                                       | 797  | 326        | 802        | 328        | 785        | 331        | 811        | 342        | 817        | 356        | 859        | 374        | 884        | 398        |
| 406 | Central Bench                    | 100%                                       | 341  | 155        | 345        | 157        | 340        | 160        | 428        | 201        | 540        | 263        | 709        | 345        | 878        | 443        |
| 407 | Central Bench                    | 100%                                       | 286  | 113        | 286        | 113        | 277        | 113        | 279        | 114        | 272        | 115        | 277        | 117        | 272        | 119        |
| 408 | Central Bench                    | 100%                                       | 416  | 176        | 425        | 180        | 426        | 188        | 492        | 217        | 553        | 255        | 661        | 305        | 761        | 368        |
| 409 | Central Bench                    | 100%                                       | 677  | 267        | 685        | 270        | 677        | 273        | 687        | 277        | 682        | 281        | 692        | 285        | 690        | 291        |
| 410 | Central Bench                    | 100%                                       | 1,717  | 692        | 1,719      | 693        | 1,661      | 695        | 1,690      | 707        | 1,665      | 724        | 1,718      | 747        | 1,712      | 775        |
| 411 | West Bench                       | 100%                                       | 1,462  | 526        | 1,462      | 526        | 1,429      | 526        | 1,443      | 531        | 1,429      | 538        | 1,455      | 548        | 1,450      | 559        |
| 412 | West Bench                       | 100%                                       | 1,733  | 577        | 1,736      | 578        | 1,698      | 578        | 1,712      | 583        | 1,697      | 591        | 1,728      | 602        | 1,722      | 614        |
| 413 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 414 | West Bench                       | 100%                                       | 1,572  | 651        | 1,599      | 662        | 1,537      | 674        | 1,551      | 680        | 1,459      | 680        | 1,459      | 680        | 1,370      | 681        |
| 415 | West Bench                       | 100%                                       | 651  | 235        | 654        | 236        | 652        | 238        | 657        | 240        | 655        | 242        | 660        | 244        | 663        | 248        |
| 416 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 417 | West Bench                       | 100%                                       | 1,430  | 483        | 1,442      | 487        | 1,443      | 495        | 1,455      | 499        | 1,433      | 499        | 1,433      | 499        | 1,411      | 499        |
| 418 | West Bench                       | 100%                                       | 1,318  | 436        | 1,336      | 442        | 1,241      | 454        | 1,312      | 480        | 1,259      | 515        | 1,371      | 561        | 1,334      | 619        |
| 419 | West Bench                       | 100%                                       | 1,006  | 300        | 1,006      | 300        | 1,005      | 300        | 1,005      | 300        | 1,005      | 300        | 1,005      | 300        | 1,004      | 300        |
| 420 | West Bench                       | 100%                                       | 1,877  | 663        | 1,880      | 664        | 1,805      | 664        | 1,843      | 678        | 1,825      | 700        | 1,903      | 730        | 1,906      | 764        |
| 421 | West Bench                       | 100%                                       | 1,040  | 334        | 1,137      | 365        | 1,208      | 387        | 1,242      | 398        | 1,245      | 398        | 1,245      | 398        | 1,248      | 398        |
| 422 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 423 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |             |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  | 2010 Census | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households  | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 424 | West Bench                       | 100%                                       | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 425 | West Bench                       | 100%                                       | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 426 | West Bench                       | 100%                                       | 1,279  | 427         | 1,294      | 432        | 1,266      | 436        | 1,275      | 439        | 1,237      | 440        | 1,237      | 440        | 1,202      | 442        |
| 427 | West Bench                       | 100%                                       | 1,406  | 419         | 1,406      | 419        | 1,367      | 419        | 1,377      | 422        | 1,350      | 426        | 1,366      | 431        | 1,347      | 438        |
| 428 | West Bench                       | 100%                                       | 719  | 224         | 722        | 225        | 713        | 225        | 735        | 232        | 761        | 243        | 808        | 258        | 853        | 276        |
| 429 | West Bench                       | 50%  | 92   | 24          | 744        | 194        | 643        | 194        | 643        | 194        | 543        | 194        | 543        | 194        | 443        | 194        |
| 430 | West Bench                       | 100%                                       | 469  | 157         | 472        | 158        | 469        | 159        | 469        | 159        | 462        | 159        | 462        | 159        | 456        | 159        |
| 431 | West Bench                       | 100%                                       | 1,403  | 543         | 1,406      | 544        | 1,381      | 547        | 1,386      | 549        | 1,354      | 549        | 1,354      | 549        | 1,319      | 548        |
| 432 | West Bench                       | 100%                                       | 899  | 287         | 905        | 289        | 905        | 292        | 911        | 294        | 904        | 295        | 907        | 296        | 900        | 297        |
| 433 | West Bench                       | 100%                                       | 1,510  | 538         | 1,521      | 542        | 1,507      | 549        | 1,510      | 550        | 1,476      | 550        | 1,476      | 550        | 1,445      | 551        |
| 434 | West Bench                       | 100%                                       | 1,031  | 399         | 1,052      | 407        | 1,058      | 413        | 1,083      | 423        | 1,099      | 433        | 1,129      | 445        | 1,161      | 462        |
| 435 | West Bench                       | 80%  | 2,155  | 758         | 2,158      | 759        | 2,128      | 762        | 2,147      | 769        | 2,130      | 777        | 2,157      | 787        | 2,152      | 800        |
| 436 | West Bench                       | 0%   | 857  | 331         | 860        | 332        | 845        | 334        | 847        | 335        | 827        | 335        | 827        | 335        | 807        | 335        |
| 437 | West Bench                       | 60%  | 263  | 100         | 263        | 100        | 263        | 100        | 263        | 100        | 264        | 100        | 264        | 100        | 264        | 100        |
| 438 | West Bench                       | 100%                                       | 184  | 70          | 184        | 70         | 178        | 70         | 216        | 85         | 265        | 108        | 341        | 139        | 412        | 174        |
| 439 | West Bench                       | 100%                                       | 1,129  | 435         | 1,137      | 438        | 1,160      | 443        | 1,299      | 496        | 1,519      | 575        | 1,797      | 680        | 2,146      | 805        |
| 440 | West Bench                       | 0%   | 1,776  | 735         | 1,776      | 735        | 1,752      | 735        | 1,761      | 739        | 1,748      | 744        | 1,765      | 751        | 1,761      | 760        |
| 441 | West Bench                       | 0%   | 1,556  | 723         | 1,562      | 726        | 1,528      | 730        | 1,631      | 779        | 1,733      | 852        | 1,933      | 950        | 2,108      | 1,067      |
| 442 | West Bench                       | 0%   | 1,281  | 475         | 1,286      | 477        | 1,289      | 480        | 1,428      | 532        | 1,633      | 611        | 1,914      | 716        | 2,235      | 840        |
| 443 | West Bench                       | 100%                                       | 1,150  | 439         | 1,150      | 439        | 1,129      | 439        | 1,136      | 442        | 1,127      | 447        | 1,145      | 454        | 1,140      | 461        |
| 444 | West Bench                       | 100%                                       | 1,459  | 517         | 1,473      | 522        | 1,465      | 528        | 1,526      | 550        | 1,579      | 579        | 1,682      | 617        | 1,776      | 663        |
| 445 | West Bench                       | 100%                                       | 1,229  | 474         | 1,328      | 512        | 1,391      | 547        | 1,437      | 565        | 1,408      | 565        | 1,408      | 565        | 1,380      | 565        |
| 446 | West Bench                       | 50%  | 834  | 235         | 965        | 272        | 1,015      | 298        | 1,066      | 313        | 1,027      | 315        | 1,027      | 315        | 1,001      | 321        |
| 447 | West Bench                       | 0%   | 0  | 0           | 0          | 0          | 0          | 0          | 40         | 16         | 94         | 40         | 171        | 73         | 242        | 111        |
| 448 | West Bench                       | 0%   | 98   | 26          | 98         | 26         | 84         | 26         | 200        | 62         | 320        | 119        | 527        | 196        | 613        | 285        |
| 449 | West Bench                       | 0%   | 1  | 0           | 0          | 0          | 0          | 0          | 50         | 20         | 118        | 51         | 214        | 92         | 302        | 140        |
| 450 | West Bench                       | 0%   | 53   | 18          | 53         | 18         | 52         | 18         | 61         | 21         | 74         | 26         | 94         | 33         | 112        | 40         |
| 451 | West Bench                       | 100%                                       | 605  | 180         | 605        | 180        | 596        | 180        | 600        | 181        | 598        | 183        | 604        | 185        | 602        | 187        |
| 452 | West Bench                       | 50%  | 347  | 117         | 350        | 118        | 349        | 118        | 349        | 118        | 348        | 118        | 348        | 118        | 347        | 118        |
| 453 | West Bench                       | 100%                                       | 84   | 29          | 84         | 29         | 83         | 29         | 83         | 29         | 82         | 29         | 82         | 29         | 81         | 29         |
| 454 | West Bench                       | 100%                                       | 52   | 17          | 52         | 17         | 53         | 17         | 53         | 17         | 54         | 17         | 57         | 18         | 62         | 19         |
| 455 | West Bench                       | 0%   | 720  | 249         | 720        | 249        | 707        | 249        | 716        | 252        | 717        | 257        | 736        | 264        | 744        | 272        |
| 456 | West Bench                       | 100%                                       | 407  | 135         | 407        | 135        | 404        | 135        | 404        | 135        | 402        | 135        | 402        | 135        | 399        | 135        |
| 457 | West Bench                       | 100%                                       | 58   | 19          | 58         | 19         | 55         | 19         | 58         | 20         | 61         | 22         | 67         | 24         | 69         | 26         |
| 458 | West Bench                       | 100%                                       | 8  | 3           | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          |
| 459 | West Bench                       | 0%   | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 460 | West Bench                       | 0%   | 0  | 0           | 0          | 0          | 0          | 0          | 12         | 5          | 30         | 13         | 56         | 24         | 83         | 38         |
| 461 | West Bench                       | 0%   | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 462 | West Bench                       | 0%   | 1  | 1           | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 463 | West Bench                       | 100%                                       | 1,918  | 823         | 1,925      | 826        | 1,876      | 827        | 2,042      | 900        | 2,238      | 1,014      | 2,578      | 1,168      | 2,891      | 1,348      |
| 464 | West Bench                       | 100%                                       | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 465 | West Bench                       | 100%                                       | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 466 | West Bench                       | 100%                                       | 898  | 327         | 901        | 328        | 898        | 329        | 955        | 350        | 1,033      | 381        | 1,147      | 423        | 1,275      | 473        |
| 467 | West Bench                       | 100%                                       | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 468 | West Bench                       | 100%                                       | 1,680  | 651         | 1,701      | 659        | 1,693      | 668        | 1,713      | 676        | 1,694      | 681        | 1,706      | 686        | 1,701      | 697        |
| 469 | West Bench                       | 100%                                       | 0  | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 470 | West Bench                       | 100%                                       | 203  | 74          | 203        | 74         | 195        | 74         | 200        | 76         | 201        | 80         | 214        | 85         | 218        | 91         |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 471 | West Bench                       | 100%                                       | 1,016  | 397        | 1,016      | 397        | 1,002      | 397        | 1,005      | 398        | 996        | 400        | 1,003      | 403        | 999        | 407        |
| 472 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 473 | West Bench                       | 100%                                       | 659  | 266        | 661        | 267        | 648        | 270        | 657        | 274        | 645        | 278        | 656        | 283        | 650        | 290        |
| 474 | West Bench                       | 100%                                       | 79   | 31         | 79         | 31         | 79         | 31         | 81         | 32         | 86         | 34         | 91         | 36         | 96         | 38         |
| 475 | West Bench                       | 100%                                       | 848  | 415        | 852        | 417        | 834        | 421        | 850        | 429        | 841        | 438        | 861        | 448        | 861        | 463        |
| 476 | West Bench                       | 100%                                       | 771  | 336        | 785        | 342        | 785        | 353        | 811        | 365        | 807        | 375        | 830        | 386        | 838        | 403        |
| 477 | West Bench                       | 25%  | 438  | 206        | 442        | 208        | 425        | 209        | 435        | 214        | 427        | 220        | 442        | 228        | 441        | 239        |
| 478 | West Bench                       | 100%                                       | 611  | 272        | 615        | 274        | 603        | 278        | 764        | 352        | 973        | 465        | 1,289      | 616        | 1,600      | 794        |
| 479 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 102        | 42         | 238        | 108        | 434        | 197        | 594        | 300        |
| 480 | West Bench                       | 100%                                       | 1,131  | 655        | 1,140      | 660        | 1,148      | 661        | 1,243      | 716        | 1,401      | 802        | 1,603      | 918        | 1,853      | 1,055      |
| 481 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 87         | 35         | 210        | 90         | 383        | 164        | 545        | 250        |
| 482 | West Bench                       | 100%                                       | 1,542  | 577        | 1,547      | 579        | 1,455      | 583        | 1,550      | 621        | 1,572      | 678        | 1,745      | 753        | 1,807      | 844        |
| 483 | West Bench                       | 100%                                       | 97   | 27         | 97         | 27         | 89         | 27         | 106        | 32         | 118        | 39         | 148        | 49         | 167        | 61         |
| 484 | West Bench                       | 100%                                       | 378  | 207        | 378        | 207        | 381        | 207        | 503        | 273        | 699        | 376        | 955        | 514        | 1,267      | 676        |
| 485 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 27         | 11         | 60         | 27         | 108        | 49         | 150        | 75         |
| 486 | West Bench                       | 100%                                       | 384  | 154        | 386        | 155        | 365        | 157        | 526        | 226        | 719        | 333        | 1,028      | 476        | 1,286      | 645        |
| 487 | West Bench                       | 100%                                       | 181  | 73         | 181        | 73         | 160        | 73         | 186        | 85         | 195        | 103        | 242        | 128        | 251        | 157        |
| 488 | West Bench                       | 100%                                       | 286  | 111        | 286        | 111        | 280        | 111        | 356        | 141        | 465        | 188        | 621        | 251        | 788        | 325        |
| 489 | West Bench                       | 100%                                       | 415  | 161        | 503        | 195        | 528        | 221        | 685        | 287        | 812        | 369        | 1,040      | 473        | 1,220      | 607        |
| 490 | West Bench                       | 100%                                       | 102  | 0          | 102        | 0          | 102        | 0          | 102        | 0          | 102        | 0          | 102        | 0          | 102        | 0          |
| 491 | West Bench                       | 100%                                       | 3  | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 492 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 493 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 494 | West Bench                       | 100%                                       | 9  | 4          | 9          | 4          | 9          | 4          | 99         | 46         | 232        | 112        | 416        | 201        | 604        | 305        |
| 495 | West Bench                       | 100%                                       | 552  | 221        | 702        | 281        | 874        | 363        | 1,006      | 418        | 1,100      | 475        | 1,260      | 544        | 1,429      | 642        |
| 496 | West Bench                       | 100%                                       | 1,350  | 507        | 1,363      | 512        | 1,314      | 518        | 1,662      | 655        | 2,086      | 865        | 2,764      | 1,146      | 3,379      | 1,478      |
| 497 | West Bench                       | 100%                                       | 998  | 337        | 1,007      | 340        | 982        | 346        | 1,067      | 376        | 1,134      | 418        | 1,283      | 473        | 1,398      | 540        |
| 498 | West Bench                       | 100%                                       | 163  | 62         | 181        | 69         | 227        | 84         | 248        | 92         | 255        | 92         | 255        | 92         | 261        | 92         |
| 499 | West Bench                       | 100%                                       | 625  | 235        | 628        | 236        | 610        | 236        | 610        | 236        | 592        | 236        | 592        | 236        | 574        | 236        |
| 500 | West Bench                       | 100%                                       | 132  | 44         | 156        | 52         | 159        | 55         | 179        | 62         | 198        | 71         | 228        | 82         | 254        | 95         |
| 501 | West Bench                       | 0%   | 18   | 12         | 18         | 12         | 23         | 12         | 90         | 48         | 238        | 105        | 413        | 182        | 722        | 272        |
| 502 | West Bench                       | 100%                                       | 848  | 242        | 848        | 242        | 835        | 242        | 838        | 243        | 831        | 245        | 841        | 248        | 841        | 252        |
| 503 | West Bench                       | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 10         | 4          | 23         | 10         | 42         | 18         | 56         | 26         |
| 504 | West Bench                       | 50%  | 30   | 20         | 30         | 20         | 39         | 20         | 62         | 32         | 120        | 50         | 177        | 74         | 293        | 103        |
| 505 | West Bench                       | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 12         | 5          | 30         | 13         | 54         | 23         | 76         | 35         |
| 506 | West Bench                       | 75%  | 236  | 82         | 236        | 82         | 216        | 82         | 347        | 132        | 500        | 210        | 747        | 314        | 929        | 436        |
| 507 | West Bench                       | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 508 | West Bench                       | 100%                                       | 3  | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 509 | West Bench                       | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 0          | 0          |
| 510 | West Bench                       | 100%                                       | 1,221  | 426        | 1,224      | 427        | 1,213      | 428        | 1,219      | 430        | 1,213      | 433        | 1,221      | 436        | 1,221      | 441        |
| 511 | West Bench                       | 100%                                       | 1,507  | 613        | 1,537      | 625        | 1,543      | 644        | 1,584      | 661        | 1,569      | 672        | 1,595      | 683        | 1,600      | 704        |
| 512 | West Bench                       | 0%   | 580  | 275        | 582        | 276        | 581        | 278        | 585        | 280        | 585        | 282        | 589        | 284        | 588        | 286        |
| 513 | West Bench                       | 100%                                       | 895  | 409        | 915        | 418        | 966        | 431        | 1,082      | 483        | 1,268      | 553        | 1,479      | 645        | 1,778      | 758        |
| 514 | West Bench                       | 100%                                       | 1,185  | 523        | 1,267      | 559        | 1,395      | 622        | 1,467      | 654        | 1,452      | 654        | 1,452      | 654        | 1,437      | 654        |
| 515 | West Bench                       | 100%                                       | 706  | 294        | 730        | 304        | 751        | 323        | 797        | 343        | 809        | 360        | 851        | 379        | 887        | 409        |
| 516 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 517 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                   |            |            |            |            |            |            |            |            |            |            |            |            |       |
|-----|----------------------------------|--|--|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
|     |                                  |  | 2010   |                   | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |       |
|     |                                  |  | Census Population                            | Census Households | Population | Households |       |
| 518 | West Bench                       | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 519 | West Bench                       | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 520 | West Bench                       | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 521 | West Bench                       | 100%                                       | 1,252  | 555               | 1,257      | 557        | 1,251      | 560        | 1,264      | 566        | 1,267      | 573        | 1,285      | 581        | 1,294      | 591        | 591   |
| 522 | West Bench                       | 100%                                       | 98   | 54                | 98         | 54         | 92         | 54         | 92         | 54         | 86         | 54         | 87         | 55         | 83         | 56         | 56    |
| 523 | West Bench                       | 20%  | 893  | 363               | 903        | 367        | 888        | 374        | 911        | 384        | 901        | 394        | 929        | 406        | 931        | 423        | 423   |
| 524 | West Bench                       | 100%                                       | 913  | 487               | 913        | 487        | 877        | 487        | 1,011      | 561        | 1,170      | 677        | 1,442      | 834        | 1,684      | 1,017      | 1,017 |
| 525 | West Bench                       | 100%                                       | 796  | 332               | 796        | 332        | 759        | 332        | 901        | 394        | 1,066      | 490        | 1,349      | 620        | 1,594      | 772        | 772   |
| 526 | West Bench                       | 100%                                       | 624  | 263               | 638        | 269        | 645        | 278        | 684        | 295        | 727        | 321        | 806        | 356        | 880        | 398        | 398   |
| 527 | West Bench                       | 100%                                       | 10   | 4                 | 10         | 4          | 9          | 4          | 67         | 31         | 135        | 74         | 241        | 132        | 297        | 200        | 200   |
| 528 | West Bench                       | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 529 | West Bench                       | 100%                                       | 292  | 107               | 297        | 109        | 279        | 112        | 434        | 174        | 605        | 268        | 891        | 394        | 1,099      | 542        | 542   |
| 530 | West Bench                       | 100%                                       | 166  | 60                | 166        | 60         | 164        | 60         | 186        | 68         | 216        | 80         | 259        | 96         | 303        | 114        | 114   |
| 531 | West Bench                       | 100%                                       | 772  | 355               | 798        | 367        | 827        | 391        | 957        | 452        | 1,087      | 528        | 1,288      | 626        | 1,502      | 751        | 751   |
| 532 | West Bench                       | 100%                                       | 41   | 14                | 41         | 14         | 40         | 14         | 46         | 16         | 54         | 19         | 63         | 22         | 73         | 26         | 26    |
| 533 | West Bench                       | 100%                                       | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 534 | West Bench                       | 100%                                       | 43   | 19                | 45         | 20         | 44         | 20         | 48         | 22         | 55         | 26         | 66         | 31         | 76         | 37         | 37    |
| 535 | West Bench                       | 0%   | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 536 | West Bench                       | 100%                                       | 57   | 16                | 57         | 16         | 57         | 16         | 57         | 16         | 57         | 16         | 57         | 16         | 57         | 16         | 16    |
| 537 | West Bench                       | 0%   | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0     |
| 538 | West Bench                       | 0%   | 25   | 9                 | 25         | 9          | 25         | 9          | 33         | 12         | 44         | 16         | 58         | 21         | 78         | 28         | 28    |
| 539 | North End                        | 100%                                       | 856  | 376               | 861        | 378        | 877        | 382        | 985        | 429        | 1,157      | 500        | 1,377      | 595        | 1,652      | 708        | 708   |
| 540 | North End                        | 100%                                       | 687  | 311               | 702        | 318        | 728        | 329        | 741        | 335        | 742        | 335        | 742        | 335        | 741        | 334        | 334   |
| 541 | North End                        | 100%                                       | 645  | 292               | 645        | 292        | 637        | 295        | 639        | 296        | 624        | 296        | 624        | 296        | 609        | 296        | 296   |
| 542 | North End                        | 100%                                       | 456  | 218               | 458        | 219        | 455        | 220        | 455        | 220        | 451        | 220        | 451        | 220        | 446        | 220        | 220   |
| 543 | North End                        | 100%                                       | 859  | 327               | 864        | 329        | 845        | 330        | 856        | 334        | 847        | 339        | 862        | 345        | 861        | 354        | 354   |
| 544 | North End                        | 100%                                       | 396  | 166               | 398        | 167        | 391        | 168        | 396        | 170        | 393        | 173        | 400        | 176        | 399        | 180        | 180   |
| 545 | North End                        | 100%                                       | 466  | 207               | 491        | 218        | 507        | 228        | 521        | 234        | 517        | 235        | 517        | 235        | 522        | 240        | 240   |
| 546 | North End                        | 100%                                       | 534  | 255               | 538        | 257        | 528        | 260        | 542        | 267        | 539        | 274        | 556        | 283        | 563        | 296        | 296   |
| 547 | North End                        | 100%                                       | 395  | 185               | 397        | 186        | 400        | 189        | 503        | 238        | 654        | 312        | 861        | 411        | 1,093      | 527        | 527   |
| 548 | North End                        | 100%                                       | 173  | 90                | 175        | 91         | 175        | 94         | 181        | 97         | 178        | 99         | 182        | 101        | 183        | 105        | 105   |
| 549 | North End                        | 100%                                       | 558  | 259               | 562        | 261        | 551        | 264        | 559        | 268        | 550        | 272        | 560        | 277        | 557        | 285        | 285   |
| 550 | North End                        | 100%                                       | 487  | 222               | 491        | 224        | 482        | 226        | 503        | 236        | 516        | 249        | 551        | 266        | 579        | 288        | 288   |
| 551 | North End                        | 100%                                       | 357  | 162               | 368        | 167        | 360        | 167        | 362        | 168        | 358        | 170        | 362        | 172        | 357        | 174        | 174   |
| 552 | North End                        | 100%                                       | 347  | 152               | 347        | 152        | 339        | 152        | 341        | 153        | 338        | 155        | 344        | 158        | 344        | 162        | 162   |
| 553 | North End                        | 100%                                       | 506  | 242               | 508        | 243        | 495        | 244        | 501        | 247        | 496        | 252        | 510        | 259        | 508        | 266        | 266   |
| 554 | North End                        | 100%                                       | 360  | 172               | 362        | 173        | 352        | 173        | 356        | 175        | 352        | 178        | 360        | 182        | 357        | 186        | 186   |
| 555 | North End                        | 100%                                       | 157  | 75                | 157        | 75         | 150        | 75         | 154        | 77         | 150        | 79         | 156        | 82         | 156        | 86         | 86    |
| 556 | North End                        | 100%                                       | 265  | 131               | 267        | 132        | 267        | 133        | 267        | 133        | 266        | 133        | 268        | 134        | 268        | 135        | 135   |
| 557 | North End                        | 100%                                       | 214  | 117               | 214        | 117        | 211        | 117        | 212        | 118        | 211        | 119        | 213        | 120        | 213        | 122        | 122   |
| 558 | North End                        | 100%                                       | 736  | 373               | 738        | 374        | 719        | 375        | 729        | 380        | 721        | 387        | 738        | 396        | 737        | 408        | 408   |
| 559 | North End                        | 100%                                       | 151  | 65                | 156        | 67         | 152        | 67         | 154        | 68         | 152        | 69         | 155        | 70         | 153        | 71         | 71    |
| 560 | North End                        | 100%                                       | 797  | 425               | 799        | 426        | 775        | 427        | 786        | 433        | 777        | 442        | 798        | 454        | 796        | 469        | 469   |
| 561 | North End                        | 100%                                       | 855  | 507               | 858        | 509        | 841        | 510        | 848        | 514        | 838        | 520        | 851        | 528        | 847        | 538        | 538   |
| 562 | North End                        | 100%                                       | 370  | 184               | 372        | 185        | 364        | 186        | 368        | 188        | 364        | 191        | 372        | 195        | 373        | 201        | 201   |
| 563 | North End                        | 100%                                       | 359  | 166               | 361        | 167        | 349        | 167        | 354        | 169        | 350        | 173        | 360        | 178        | 359        | 184        | 184   |
| 564 | North End                        | 100%                                       | 681  | 302               | 683        | 303        | 673        | 304        | 680        | 307        | 676        | 311        | 685        | 315        | 684        | 321        | 321   |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                        |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population                       | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 565 | North End                        | 100%                                       | 682  | 308                    | 686        | 310        | 672        | 310        | 679        | 313        | 675        | 318        | 690        | 325        | 689        | 332        |
| 566 | North End                        | 100%                                       | 247  | 101                    | 247        | 101        | 242        | 101        | 242        | 101        | 236        | 101        | 239        | 102        | 235        | 103        |
| 567 | North End                        | 100%                                       | 336  | 158                    | 334        | 157        | 321        | 157        | 327        | 160        | 323        | 165        | 335        | 171        | 333        | 178        |
| 568 | North End                        | 100%                                       | 411  | 209                    | 413        | 210        | 405        | 211        | 408        | 213        | 405        | 217        | 415        | 222        | 413        | 227        |
| 569 | North End                        | 100%                                       | 417  | 208                    | 419        | 209        | 414        | 210        | 462        | 234        | 524        | 270        | 618        | 318        | 718        | 376        |
| 570 | North End                        | 100%                                       | 528  | 257                    | 528        | 257        | 512        | 257        | 537        | 270        | 561        | 291        | 616        | 320        | 657        | 353        |
| 571 | North End                        | 100%                                       | 529  | 213                    | 534        | 215        | 516        | 218        | 578        | 244        | 635        | 282        | 748        | 332        | 836        | 391        |
| 572 | North End                        | 100%                                       | 67   | 34                     | 69         | 35         | 67         | 35         | 73         | 38         | 78         | 42         | 89         | 48         | 99         | 55         |
| 573 | North End                        | 100%                                       | 409  | 229                    | 411        | 230        | 398        | 231        | 454        | 264        | 523        | 316        | 639        | 386        | 744        | 468        |
| 574 | North End                        | 100%                                       | 562  | 264                    | 566        | 266        | 556        | 268        | 568        | 274        | 570        | 282        | 592        | 293        | 602        | 306        |
| 575 | North End                        | 100%                                       | 127  | 63                     | 127        | 63         | 126        | 63         | 202        | 101        | 321        | 161        | 482        | 242        | 667        | 337        |
| 576 | North End                        | 100%                                       | 594  | 248                    | 596        | 249        | 577        | 252        | 669        | 292        | 771        | 353        | 948        | 434        | 1,102      | 530        |
| 577 | Garden City                      | 0%   | 673  | 344                    | 675        | 345        | 671        | 348        | 700        | 363        | 727        | 383        | 777        | 409        | 825        | 441        |
| 578 | Garden City                      | 0%   | 413  | 168                    | 460        | 187        | 534        | 218        | 574        | 234        | 572        | 234        | 572        | 234        | 571        | 234        |
| 579 | Garden City                      | 0%   | 326  | 132                    | 375        | 152        | 422        | 175        | 451        | 187        | 441        | 187        | 441        | 187        | 430        | 187        |
| 580 | Garden City                      | 0%   | 732  | 302                    | 739        | 305        | 742        | 311        | 749        | 314        | 737        | 314        | 737        | 314        | 724        | 314        |
| 581 | Garden City                      | 0%   | 631  | 284                    | 633        | 285        | 617        | 286        | 617        | 286        | 598        | 286        | 598        | 286        | 580        | 286        |
| 582 | Garden City                      | 0%   | 51   | 32                     | 51         | 32         | 55         | 32         | 132        | 77         | 271        | 148        | 446        | 244        | 693        | 356        |
| 583 | Boise Northwest                  | 100%                                       | 1,081  | 561                    | 1,083      | 562        | 1,050      | 564        | 1,080      | 580        | 1,086      | 604        | 1,144      | 636        | 1,170      | 675        |
| 584 | Boise Northwest                  | 50%  | 402  | 157                    | 430        | 168        | 485        | 190        | 528        | 207        | 552        | 217        | 575        | 226        | 621        | 245        |
| 585 | Boise Northwest                  | 100%                                       | 342  | 138                    | 416        | 168        | 516        | 217        | 859        | 361        | 1,246      | 547        | 1,793      | 787        | 2,377      | 1,091      |
| 586 | Boise Northwest                  | 100%                                       | 25   | 10                     | 28         | 11         | 30         | 12         | 30         | 12         | 31         | 12         | 31         | 12         | 31         | 12         |
| 587 | Boise Northwest                  | 70%  | 567  | 220                    | 621        | 241        | 675        | 281        | 980        | 408        | 1,282      | 575        | 1,765      | 792        | 2,186      | 1,064      |
| 588 | Boise Northwest                  | 100%                                       | 1,332  | 516                    | 1,389      | 538        | 1,519      | 579        | 1,650      | 629        | 1,799      | 675        | 1,942      | 729        | 2,192      | 810        |
| 589 | Boise Northwest                  | 100%                                       | 225  | 96                     | 227        | 97         | 222        | 97         | 225        | 98         | 222        | 99         | 224        | 100        | 223        | 102        |
| 590 | Boise Northwest                  | 100%                                       | 111  | 61                     | 131        | 72         | 146        | 84         | 161        | 93         | 162        | 98         | 168        | 102        | 177        | 113        |
| 591 | Boise Northwest                  | 100%                                       | 23   | 8                      | 26         | 9          | 23         | 9          | 196        | 76         | 411        | 180        | 731        | 320        | 963        | 484        |
| 592 | Boise Northwest                  | 100%                                       | 134  | 51                     | 137        | 52         | 131        | 53         | 160        | 65         | 194        | 84         | 254        | 110        | 300        | 140        |
| 593 | Boise Northwest                  | 100%                                       | 340  | 133                    | 340        | 133        | 331        | 133        | 331        | 133        | 322        | 133        | 322        | 133        | 313        | 133        |
| 594 | Boise Northwest                  | 100%                                       | 870  | 386                    | 926        | 411        | 945        | 417        | 990        | 437        | 1,056      | 464        | 1,136      | 499        | 1,242      | 543        |
| 595 | Boise Northwest                  | 100%                                       | 372  | 165                    | 381        | 169        | 396        | 176        | 405        | 180        | 405        | 180        | 405        | 180        | 402        | 179        |
| 596 | Boise Northwest                  | 100%                                       | 281  | 122                    | 293        | 127        | 330        | 137        | 332        | 138        | 347        | 138        | 347        | 138        | 361        | 138        |
| 597 | Boise Northwest                  | 100%                                       | 472  | 240                    | 474        | 241        | 466        | 242        | 524        | 272        | 599        | 318        | 716        | 380        | 837        | 454        |
| 598 | Boise Northwest                  | 100%                                       | 348  | 148                    | 355        | 151        | 348        | 151        | 348        | 151        | 340        | 151        | 340        | 151        | 330        | 150        |
| 599 | Boise Northwest                  | 100%                                       | 43   | 19                     | 43         | 19         | 42         | 19         | 42         | 19         | 44         | 20         | 46         | 21         | 48         | 22         |
| 600 | Boise Northwest                  | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 601 | Boise Northwest                  | 100%                                       | 1,230  | 505                    | 1,232      | 506        | 1,226      | 507        | 1,229      | 508        | 1,220      | 508        | 1,220      | 508        | 1,211      | 508        |
| 602 | Boise Northwest                  | 100%                                       | 972  | 435                    | 981        | 439        | 996        | 446        | 1,012      | 453        | 1,024      | 459        | 1,040      | 466        | 1,062      | 476        |
| 603 | Boise Northwest                  | 100%                                       | 1,276  | 548                    | 1,285      | 552        | 1,256      | 554        | 1,342      | 592        | 1,435      | 650        | 1,607      | 728        | 1,760      | 820        |
| 604 | Boise Northwest                  | 100%                                       | 137  | 76                     | 137        | 76         | 139        | 76         | 166        | 91         | 210        | 114        | 267        | 145        | 337        | 181        |
| 605 | Boise Northwest                  | 100%                                       | 423  | 216                    | 423        | 216        | 420        | 216        | 531        | 273        | 699        | 362        | 929        | 481        | 1,189      | 620        |
| 606 | Boise Northwest                  | 100%                                       | 768  | 328                    | 770        | 329        | 760        | 332        | 785        | 343        | 803        | 359        | 850        | 380        | 882        | 404        |
| 607 | Boise Northwest                  | 100%                                       | 890  | 383                    | 892        | 384        | 886        | 385        | 890        | 387        | 886        | 389        | 893        | 392        | 893        | 396        |
| 608 | Boise Northwest                  | 100%                                       | 534  | 241                    | 547        | 247        | 574        | 258        | 590        | 265        | 594        | 266        | 594        | 266        | 604        | 269        |
| 609 | Boise Northwest                  | 100%                                       | 823  | 340                    | 828        | 342        | 827        | 346        | 837        | 350        | 832        | 352        | 836        | 354        | 840        | 360        |
| 610 | Boise Northwest                  | 100%                                       | 238  | 95                     | 266        | 106        | 271        | 109        | 276        | 111        | 273        | 111        | 273        | 111        | 258        | 106        |
| 611 | Boise Foothills                  | 100%                                       | 204  | 74                     | 207        | 75         | 203        | 75         | 231        | 85         | 267        | 100        | 320        | 120        | 375        | 143        |

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COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 612 | Boise Foothills                  | 100%                                       | 758  | 343        | 771        | 349        | 803        | 358        | 821        | 366        | 845        | 371        | 854        | 375        | 888        | 384        |
| 613 | Boise Foothills                  | 0%   | 174  | 69         | 177        | 70         | 177        | 71         | 197        | 79         | 223        | 91         | 263        | 107        | 305        | 126        |
| 614 | Boise Foothills                  | 100%                                       | 10   | 3          | 17         | 5          | 27         | 9          | 35         | 12         | 36         | 14         | 41         | 16         | 44         | 20         |
| 615 | Boise Foothills                  | 100%                                       | 229  | 95         | 236        | 98         | 240        | 101        | 245        | 103        | 241        | 103        | 241        | 103        | 239        | 104        |
| 616 | Boise Foothills                  | 100%                                       | 154  | 67         | 161        | 70         | 175        | 75         | 182        | 78         | 185        | 78         | 185        | 78         | 176        | 73         |
| 617 | Boise Foothills                  | 80%  | 185  | 100        | 272        | 147        | 463        | 217        | 482        | 226        | 546        | 226        | 546        | 226        | 607        | 225        |
| 618 | Boise Foothills                  | 100%                                       | 126  | 46         | 129        | 47         | 146        | 50         | 149        | 51         | 158        | 51         | 158        | 51         | 167        | 51         |
| 619 | Boise Foothills                  | 100%                                       | 517  | 216        | 527        | 220        | 529        | 225        | 548        | 233        | 556        | 241        | 579        | 251        | 603        | 266        |
| 620 | Boise Foothills                  | 100%                                       | 410  | 118        | 413        | 119        | 375        | 119        | 379        | 120        | 343        | 121        | 349        | 123        | 314        | 125        |
| 621 | Boise Foothills                  | 100%                                       | 1,148  | 482        | 1,158      | 486        | 1,148      | 494        | 1,157      | 498        | 1,128      | 498        | 1,128      | 498        | 1,100      | 499        |
| 622 | Boise Foothills                  | 70%  | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 623 | Boise Foothills                  | 80%  | 1,104  | 412        | 1,187      | 443        | 1,308      | 489        | 1,409      | 527        | 1,500      | 562        | 1,609      | 603        | 1,768      | 664        |
| 624 | Boise Foothills                  | 100%                                       | 42   | 15         | 48         | 17         | 48         | 17         | 51         | 18         | 54         | 19         | 57         | 20         | 64         | 22         |
| 625 | Boise Foothills                  | 40%  | 293  | 103        | 307        | 108        | 314        | 112        | 319        | 114        | 314        | 114        | 314        | 114        | 295        | 109        |
| 626 | Boise Foothills                  | 40%  | 823  | 311        | 828        | 313        | 818        | 316        | 836        | 323        | 837        | 331        | 860        | 340        | 872        | 353        |
| 627 | Boise Foothills                  | 100%                                       | 1,813  | 796        | 1,900      | 834        | 1,989      | 892        | 2,062      | 925        | 2,057      | 943        | 2,090      | 958        | 2,120      | 994        |
| 628 | Boise Foothills                  | 80%  | 381  | 141        | 384        | 142        | 378        | 143        | 391        | 148        | 400        | 155        | 424        | 164        | 444        | 176        |
| 629 | Boise Foothills                  | 100%                                       | 925  | 459        | 929        | 461        | 903        | 464        | 921        | 473        | 909        | 484        | 935        | 498        | 934        | 516        |
| 630 | Boise Foothills                  | 100%                                       | 373  | 31         | 373        | 31         | 372        | 31         | 372        | 31         | 372        | 31         | 372        | 31         | 371        | 31         |
| 631 | Foothills Rural                  | 40%  | 0  | 0          | 0          | 0          | 0          | 0          | 3          | 1          | 8          | 3          | 15         | 6          | 25         | 10         |
| 632 | Foothills Rural                  | 0%   | 108  | 38         | 108        | 38         | 107        | 38         | 124        | 44         | 147        | 53         | 181        | 65         | 215        | 78         |
| 633 | Foothills Rural                  | 100%                                       | 27   | 10         | 348        | 129        | 932        | 349        | 1,367      | 512        | 1,949      | 738        | 2,734      | 1,035      | 3,655      | 1,399      |
| 634 | Foothills Rural                  | 100%                                       | 7  | 3          | 9          | 4          | 10         | 4          | 10         | 4          | 11         | 4          | 11         | 4          | 12         | 4          |
| 635 | Foothills Rural                  | 100%                                       | 58   | 20         | 61         | 21         | 71         | 24         | 159        | 54         | 297        | 99         | 477        | 159        | 705        | 231        |
| 636 | Foothills Rural                  | 0%   | 877  | 293        | 877        | 293        | 868        | 293        | 868        | 293        | 858        | 293        | 858        | 293        | 849        | 293        |
| 637 | Foothills Rural                  | 100%                                       | 473  | 141        | 1,134      | 338        | 2,295      | 705        | 2,399      | 737        | 2,325      | 737        | 2,325      | 737        | 2,252      | 737        |
| 638 | Foothills Rural                  | 100%                                       | 1,747  | 539        | 1,867      | 576        | 1,930      | 607        | 2,012      | 633        | 2,023      | 649        | 2,073      | 665        | 2,129      | 697        |
| 639 | Foothills Rural                  | 0%   | 15   | 5          | 15         | 5          | 14         | 5          | 14         | 5          | 13         | 5          | 13         | 5          | 12         | 5          |
| 640 | Foothills Rural                  | 0%   | 42   | 13         | 45         | 14         | 43         | 14         | 46         | 15         | 49         | 17         | 55         | 19         | 57         | 21         |
| 641 | Foothills Rural                  | 0%   | 275  | 108        | 278        | 109        | 261        | 110        | 261        | 110        | 241        | 110        | 241        | 110        | 221        | 110        |
| 642 | Foothills Rural                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 3          | 1          | 5          | 2          | 8          | 3          | 13         | 5          |
| 643 | Foothills Rural                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 1          | 5          | 2          | 6          | 3          |
| 644 | Foothills Rural                  | 0%   | 4  | 3          | 4          | 3          | 4          | 3          | 4          | 3          | 4          | 3          | 4          | 3          | 4          | 3          |
| 645 | Foothills Rural                  | 0%   | 7  | 2          | 7          | 2          | 6          | 2          | 9          | 3          | 11         | 4          | 16         | 6          | 19         | 8          |
| 646 | Foothills Rural                  | 15%  | 12   | 4          | 12         | 4          | 11         | 4          | 11         | 4          | 14         | 5          | 16         | 6          | 18         | 7          |
| 647 | Foothills Rural                  | 50%  | 20   | 7          | 29         | 10         | 41         | 14         | 61         | 21         | 86         | 29         | 113        | 38         | 154        | 51         |
| 648 | Foothills Rural                  | 40%  | 113  | 45         | 126        | 50         | 153        | 59         | 179        | 69         | 205        | 77         | 229        | 86         | 274        | 100        |
| 649 | Foothills Rural                  | 85%  | 15   | 6          | 33         | 13         | 41         | 15         | 43         | 16         | 47         | 16         | 47         | 16         | 50         | 16         |
| 650 | Foothills Rural                  | 100%                                       | 43   | 16         | 578        | 215        | 1,522      | 556        | 1,736      | 634        | 1,799      | 645        | 1,799      | 645        | 1,923      | 677        |
| 651 | Foothills Rural                  | 50%  | 133  | 45         | 216        | 73         | 329        | 111        | 392        | 132        | 399        | 134        | 399        | 134        | 422        | 141        |
| 652 | Foothills Rural                  | 100%                                       | 2  | 1          | 238        | 119        | 800        | 339        | 1,211      | 513        | 2,058      | 756        | 2,929      | 1,076      | 4,522      | 1,467      |
| 654 | Garden City                      | 0%   | 59   | 39         | 59         | 39         | 59         | 39         | 59         | 39         | 59         | 39         | 59         | 39         | 60         | 40         |
| 655 | West Bench                       | 100%                                       | 1,100  | 390        | 1,111      | 394        | 1,122      | 402        | 1,133      | 406        | 1,121      | 406        | 1,121      | 406        | 1,108      | 406        |
| 656 | West Bench                       | 100%                                       | 186  | 67         | 186        | 67         | 179        | 67         | 192        | 72         | 204        | 80         | 232        | 91         | 256        | 105        |
| 657 | Garden City                      | 0%   | 66   | 26         | 69         | 27         | 64         | 28         | 69         | 30         | 65         | 32         | 69         | 34         | 68         | 38         |
| 658 | Garden City                      | 100%                                       | 18   | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          |
| 659 | Garden City                      | 0%   | 10   | 5          | 10         | 5          | 9          | 5          | 9          | 5          | 9          | 5          | 9          | 5          | 8          | 5          |

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COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                   |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010   |                   | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Census Population                            | Census Households | Population | Households |
| 660 | Garden City                      | 0%   | 726  | 303               | 726        | 303        | 708        | 303        | 715        | 306        | 708        | 311        | 724        | 318        | 725        | 327        |
| 661 | Garden City                      | 20%  | 46   | 21                | 50         | 23         | 57         | 26         | 62         | 28         | 64         | 29         | 67         | 30         | 74         | 33         |
| 662 | Garden City                      | 0%   | 251  | 112               | 251        | 112        | 246        | 112        | 257        | 117        | 270        | 125        | 293        | 136        | 317        | 150        |
| 663 | Garden City                      | 0%   | 801  | 305               | 814        | 310        | 798        | 319        | 831        | 332        | 821        | 345        | 859        | 361        | 866        | 384        |
| 664 | Garden City                      | 0%   | 479  | 236               | 487        | 240        | 486        | 244        | 490        | 246        | 480        | 246        | 480        | 246        | 471        | 246        |
| 665 | Garden City                      | 0%   | 470  | 246               | 497        | 260        | 549        | 287        | 576        | 301        | 577        | 301        | 577        | 301        | 577        | 300        |
| 667 | Garden City                      | 0%   | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 668 | Garden City                      | 0%   | 48   | 24                | 50         | 25         | 50         | 26         | 54         | 28         | 56         | 30         | 62         | 33         | 69         | 38         |
| 669 | Garden City                      | 0%   | 6  | 3                 | 6          | 3          | 5          | 3          | 7          | 4          | 8          | 5          | 10         | 6          | 12         | 8          |
| 670 | Garden City                      | 0%   | 70   | 28                | 70         | 28         | 66         | 28         | 95         | 40         | 131        | 59         | 187        | 84         | 238        | 114        |
| 671 | Garden City                      | 0%   | 3  | 2                 | 3          | 2          | 3          | 2          | 17         | 10         | 42         | 23         | 73         | 40         | 119        | 60         |
| 672 | Garden City                      | 0%   | 12   | 6                 | 12         | 6          | 11         | 6          | 11         | 6          | 11         | 6          | 11         | 6          | 10         | 6          |
| 673 | Garden City                      | 0%   | 350  | 116               | 356        | 118        | 360        | 121        | 365        | 123        | 360        | 123        | 360        | 123        | 354        | 123        |
| 674 | Garden City                      | 0%   | 395  | 239               | 403        | 244        | 403        | 251        | 413        | 257        | 408        | 261        | 414        | 265        | 414        | 273        |
| 675 | Garden City                      | 0%   | 424  | 164               | 434        | 168        | 430        | 174        | 467        | 189        | 490        | 208        | 549        | 233        | 595        | 265        |
| 676 | Garden City                      | 0%   | 152  | 54                | 158        | 56         | 164        | 59         | 176        | 63         | 185        | 67         | 198        | 72         | 216        | 79         |
| 677 | Garden City                      | 0%   | 230  | 94                | 240        | 98         | 256        | 111        | 371        | 161        | 493        | 228        | 681        | 315        | 855        | 423        |
| 678 | Garden City                      | 0%   | 173  | 64                | 173        | 64         | 160        | 65         | 160        | 65         | 145        | 65         | 145        | 65         | 130        | 65         |
| 679 | Garden City                      | 0%   | 229  | 74                | 232        | 75         | 215        | 76         | 272        | 96         | 324        | 126        | 429        | 167        | 498        | 216        |
| 680 | Garden City                      | 0%   | 81   | 30                | 81         | 30         | 74         | 30         | 86         | 35         | 95         | 43         | 119        | 54         | 134        | 68         |
| 681 | Garden City                      | 0%   | 357  | 133               | 357        | 133        | 345        | 133        | 350        | 135        | 343        | 137        | 350        | 140        | 347        | 144        |
| 682 | Garden City                      | 0%   | 322  | 121               | 322        | 121        | 323        | 124        | 339        | 130        | 347        | 136        | 365        | 143        | 382        | 153        |
| 683 | Garden City                      | 0%   | 431  | 170               | 444        | 175        | 450        | 189        | 538        | 226        | 608        | 273        | 742        | 333        | 852        | 411        |
| 684 | Garden City                      | 0%   | 243  | 104               | 266        | 114        | 299        | 133        | 341        | 152        | 360        | 167        | 394        | 183        | 433        | 210        |
| 685 | Garden City                      | 0%   | 20   | 13                | 20         | 13         | 20         | 13         | 21         | 14         | 24         | 16         | 27         | 18         | 32         | 21         |
| 686 | Garden City                      | 0%   | 50   | 22                | 39         | 17         | 36         | 17         | 40         | 19         | 43         | 22         | 50         | 26         | 53         | 30         |
| 687 | Garden City                      | 0%   | 154  | 77                | 150        | 75         | 150        | 75         | 221        | 111        | 332        | 167        | 483        | 243        | 656        | 331        |
| 688 | Garden City                      | 0%   | 66   | 48                | 67         | 49         | 86         | 49         | 87         | 50         | 108        | 51         | 110        | 52         | 132        | 53         |
| 689 | Garden City                      | 0%   | 387  | 203               | 414        | 217        | 423        | 243        | 440        | 253        | 417        | 265        | 442        | 281        | 423        | 301        |
| 690 | Garden City                      | 0%   | 14   | 6                 | 14         | 6          | 14         | 6          | 117        | 52         | 273        | 125        | 487        | 223        | 711        | 337        |
| 691 | Garden City                      | 0%   | 12   | 6                 | 10         | 5          | 10         | 5          | 112        | 55         | 275        | 133        | 490        | 237        | 755        | 359        |
| 692 | Garden City                      | 60%  | 7  | 2                 | 7          | 2          | 7          | 2          | 7          | 2          | 7          | 2          | 7          | 2          | 7          | 2          |
| 693 | Garden City                      | 50%  | 658  | 356               | 660        | 357        | 641        | 358        | 667        | 373        | 683        | 395        | 735        | 425        | 770        | 461        |
| 694 | Garden City                      | 100%                                       | 81   | 43                | 81         | 43         | 83         | 43         | 150        | 78         | 258        | 132        | 401        | 205        | 578        | 290        |
| 695 | Garden City                      | 100%                                       | 63   | 33                | 65         | 34         | 65         | 34         | 69         | 36         | 75         | 39         | 83         | 43         | 91         | 47         |
| 696 | Garden City                      | 0%   | 267  | 126               | 267        | 126        | 261        | 126        | 328        | 158        | 422        | 208        | 558        | 275        | 702        | 354        |
| 697 | Eagle-Floating Feather           | 100%                                       | 337  | 95                | 341        | 96         | 336        | 97         | 339        | 98         | 334        | 99         | 337        | 100        | 335        | 102        |
| 698 | Eagle-State Corridor             | 100%                                       | 846  | 236               | 850        | 237        | 846        | 239        | 853        | 241        | 849        | 243        | 856        | 245        | 851        | 247        |
| 699 | Eagle-Floating Feather           | 100%                                       | 164  | 44                | 164        | 44         | 163        | 44         | 163        | 44         | 161        | 44         | 161        | 44         | 164        | 45         |
| 700 | Eagle-State Corridor             | 100%                                       | 533  | 150               | 647        | 182        | 746        | 215        | 947        | 273        | 1,143      | 338        | 1,414      | 418        | 1,734      | 526        |
| 701 | Eagle-Floating Feather           | 100%                                       | 138  | 37                | 142        | 38         | 136        | 38         | 143        | 40         | 147        | 43         | 161        | 47         | 170        | 52         |
| 702 | Eagle-State Corridor             | 100%                                       | 75   | 25                | 90         | 30         | 120        | 39         | 272        | 88         | 498        | 157        | 786        | 248        | 1,172      | 360        |
| 703 | Eagle-Floating Feather           | 100%                                       | 53   | 13                | 200        | 49         | 268        | 70         | 321        | 84         | 314        | 88         | 318        | 89         | 335        | 101        |
| 704 | Eagle-Floating Feather           | 100%                                       | 70   | 24                | 73         | 25         | 75         | 25         | 117        | 39         | 187        | 61         | 280        | 91         | 397        | 126        |
| 705 | Eagle-Floating Feather           | 100%                                       | 131  | 42                | 143        | 46         | 154        | 50         | 188        | 61         | 228        | 75         | 282        | 93         | 344        | 115        |
| 706 | Eagle-South River                | 10%  | 211  | 90                | 218        | 93         | 219        | 97         | 228        | 101        | 224        | 103        | 229        | 105        | 230        | 110        |
| 707 | Eagle-State Corridor             | 50%  | 42   | 13                | 48         | 15         | 53         | 18         | 100        | 34         | 150        | 57         | 229        | 87         | 288        | 124        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 708 | Eagle-Floating Feather           | 100%                                       | 178  | 53         | 282        | 84         | 415        | 128        | 487        | 150        | 469        | 150        | 469        | 150        | 452        | 150        |
| 709 | Eagle-Floating Feather           | 100%                                       | 222  | 66         | 246        | 73         | 274        | 83         | 314        | 95         | 344        | 106        | 386        | 119        | 439        | 138        |
| 710 | Eagle-Floating Feather           | 0%   | 55   | 16         | 55         | 16         | 51         | 16         | 51         | 16         | 47         | 16         | 50         | 17         | 49         | 18         |
| 711 | Eagle-Floating Feather           | 0%   | 177  | 52         | 184        | 54         | 188        | 57         | 201        | 61         | 211        | 66         | 230        | 72         | 247        | 80         |
| 712 | Eagle-State Corridor             | 0%   | 600  | 282        | 604        | 284        | 603        | 288        | 607        | 290        | 597        | 290        | 597        | 290        | 575        | 284        |
| 713 | Eagle-State Corridor             | 75%  | 189  | 63         | 234        | 78         | 270        | 88         | 286        | 93         | 292        | 93         | 292        | 93         | 289        | 90         |
| 714 | Eagle-State Corridor             | 50%  | 104  | 40         | 104        | 40         | 107        | 40         | 107        | 40         | 110        | 40         | 110        | 40         | 114        | 40         |
| 715 | Eagle-State Corridor             | 0%   | 351  | 147        | 356        | 149        | 354        | 152        | 393        | 169        | 435        | 192        | 505        | 223        | 575        | 261        |
| 716 | Eagle-Floating Feather           | 0%   | 395  | 118        | 445        | 133        | 489        | 149        | 538        | 164        | 563        | 175        | 598        | 186        | 646        | 205        |
| 717 | Eagle-Floating Feather           | 0%   | 1,106  | 336        | 1,122      | 341        | 1,141      | 351        | 1,157      | 356        | 1,142      | 356        | 1,142      | 356        | 1,127      | 356        |
| 718 | Eagle-Central                    | 0%   | 1,048  | 407        | 1,051      | 408        | 1,029      | 408        | 1,034      | 410        | 1,019      | 413        | 1,029      | 417        | 1,017      | 421        |
| 719 | Eagle-Central                    | 0%   | 1,257  | 476        | 1,273      | 482        | 1,285      | 495        | 1,304      | 502        | 1,282      | 502        | 1,282      | 502        | 1,260      | 502        |
| 720 | Eagle-Central                    | 0%   | 434  | 186        | 439        | 188        | 426        | 188        | 433        | 191        | 432        | 196        | 447        | 203        | 453        | 212        |
| 721 | Eagle-Central                    | 0%   | 248  | 101        | 250        | 102        | 243        | 103        | 267        | 113        | 289        | 128        | 335        | 148        | 370        | 171        |
| 722 | Eagle-Central                    | 0%   | 109  | 62         | 111        | 63         | 116        | 63         | 174        | 95         | 277        | 145        | 405        | 212        | 574        | 289        |
| 723 | Eagle-Central                    | 0%   | 554  | 207        | 562        | 210        | 568        | 215        | 584        | 221        | 590        | 226        | 603        | 231        | 617        | 239        |
| 724 | Eagle-Central                    | 0%   | 547  | 221        | 552        | 223        | 544        | 225        | 547        | 226        | 534        | 226        | 534        | 226        | 522        | 226        |
| 725 | Eagle-Central                    | 0%   | 728  | 260        | 731        | 261        | 727        | 263        | 729        | 264        | 720        | 264        | 720        | 264        | 704        | 262        |
| 726 | Eagle-Central                    | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 9          | 4          | 22         | 10         | 40         | 18         | 58         | 27         |
| 727 | Eagle-Central                    | 0%   | 59   | 42         | 60         | 43         | 69         | 44         | 71         | 45         | 78         | 45         | 78         | 45         | 88         | 46         |
| 728 | Eagle-Central                    | 0%   | 29   | 20         | 29         | 20         | 28         | 20         | 28         | 20         | 27         | 20         | 29         | 21         | 29         | 22         |
| 729 | Eagle-Central                    | 0%   | 120  | 59         | 120        | 59         | 133        | 59         | 146        | 65         | 183        | 74         | 212        | 86         | 268        | 100        |
| 730 | Eagle-Central                    | 0%   | 271  | 129        | 275        | 131        | 266        | 131        | 319        | 157        | 387        | 197        | 493        | 251        | 595        | 314        |
| 731 | Eagle-Central                    | 0%   | 150  | 43         | 150        | 43         | 140        | 43         | 144        | 44         | 140        | 46         | 149        | 49         | 150        | 53         |
| 732 | Eagle-Central                    | 0%   | 109  | 54         | 111        | 55         | 112        | 57         | 114        | 58         | 110        | 58         | 110        | 58         | 100        | 54         |
| 733 | Eagle-Island                     | 0%   | 3  | 1          | 120        | 40         | 296        | 111        | 325        | 122        | 300        | 129        | 316        | 136        | 298        | 150        |
| 734 | Eagle-Island                     | 0%   | 0  | 0          | 3          | 1          | 5          | 2          | 5          | 2          | 5          | 2          | 5          | 2          | 0          | 0          |
| 735 | Eagle-Island                     | 0%   | 0  | 0          | 166        | 62         | 427        | 152        | 514        | 183        | 554        | 188        | 540        | 183        | 618        | 200        |
| 736 | Eagle-Island                     | 0%   | 18   | 8          | 23         | 10         | 22         | 10         | 69         | 32         | 138        | 67         | 235        | 114        | 335        | 170        |
| 737 | Eagle-Island                     | 0%   | 0  | 0          | 3          | 1          | 10         | 4          | 13         | 5          | 13         | 5          | 13         | 5          | 0          | 0          |
| 738 | Eagle-Island                     | 100%                                       | 932  | 335        | 946        | 340        | 937        | 350        | 961        | 359        | 938        | 365        | 951        | 370        | 939        | 381        |
| 739 | Eagle-State Corridor             | 0%   | 362  | 136        | 365        | 137        | 358        | 138        | 363        | 140        | 363        | 144        | 376        | 149        | 380        | 155        |
| 740 | Eagle-State Corridor             | 0%   | 26   | 12         | 26         | 12         | 25         | 12         | 25         | 12         | 25         | 13         | 27         | 14         | 27         | 15         |
| 741 | Eagle-State Corridor             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 742 | Eagle-State Corridor             | 0%   | 421  | 185        | 421        | 185        | 402        | 185        | 402        | 185        | 384        | 185        | 384        | 185        | 365        | 185        |
| 743 | Eagle-State Corridor             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 744 | Eagle-South River                | 75%  | 884  | 306        | 1,017      | 352        | 1,119      | 394        | 1,247      | 439        | 1,349      | 483        | 1,349      | 483        | 1,682      | 613        |
| 745 | Eagle-South River                | 100%                                       | 866  | 280        | 878        | 284        | 897        | 290        | 909        | 294        | 912        | 295        | 912        | 295        | 927        | 300        |
| 746 | Eagle-South River                | 60%  | 161  | 47         | 175        | 51         | 181        | 58         | 341        | 109        | 518        | 183        | 795        | 281        | 1,013      | 400        |
| 747 | Eagle-South River                | 60%  | 42   | 12         | 42         | 12         | 41         | 12         | 41         | 12         | 40         | 12         | 40         | 12         | 39         | 12         |
| 748 | Eagle-South River                | 100%                                       | 18   | 5          | 18         | 5          | 17         | 5          | 17         | 5          | 16         | 5          | 16         | 5          | 15         | 5          |
| 749 | Eagle-South River                | 85%  | 881  | 343        | 940        | 366        | 1,000      | 391        | 1,038      | 406        | 1,041      | 409        | 1,041      | 409        | 1,057      | 417        |
| 750 | Eagle-South River                | 50%  | 294  | 91         | 401        | 124        | 506        | 159        | 545        | 171        | 537        | 171        | 537        | 171        | 529        | 171        |
| 751 | Eagle-Island                     | 100%                                       | 111  | 42         | 338        | 128        | 551        | 209        | 630        | 239        | 628        | 239        | 628        | 239        | 629        | 240        |
| 752 | Eagle-Island                     | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 753 | Eagle-Central                    | 0%   | 1,384  | 490        | 1,426      | 505        | 1,468      | 533        | 1,521      | 552        | 1,501      | 559        | 1,512      | 563        | 1,519      | 581        |
| 754 | Eagle-Central                    | 0%   | 19   | 9          | 19         | 9          | 18         | 9          | 18         | 9          | 18         | 9          | 18         | 9          | 19         | 10         |

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COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                        |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population                       | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 755 | Eagle-Floating Feather           | 0%   | 2,332  | 730                    | 2,351      | 736        | 2,359      | 748        | 2,391      | 758        | 2,379      | 764        | 2,395      | 769        | 2,403      | 782        |
| 756 | Eagle-Floating Feather           | 0%   | 548  | 207                    | 548        | 207        | 536        | 207        | 541        | 209        | 537        | 212        | 547        | 216        | 547        | 221        |
| 757 | Eagle/Star                       | 0%   | 37   | 15                     | 511        | 207        | 1,397      | 516        | 1,543      | 570        | 1,679      | 570        | 1,679      | 570        | 1,813      | 569        |
| 758 | Eagle/Star                       | 0%   | 22   | 8                      | 22         | 8          | 22         | 8          | 196        | 70         | 475        | 167        | 847        | 298        | 1,306      | 452        |
| 759 | Eagle/Star                       | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 760 | Eagle/Star                       | 0%   | 2  | 1                      | 2          | 1          | 2          | 1          | 69         | 31         | 192        | 78         | 347        | 141        | 578        | 215        |
| 761 | Eagle/Star                       | 0%   | 9  | 4                      | 151        | 67         | 474        | 184        | 500        | 194        | 563        | 194        | 563        | 194        | 630        | 195        |
| 762 | Eagle/Star                       | 0%   | 8  | 5                      | 8          | 5          | 8          | 5          | 10         | 6          | 11         | 7          | 13         | 8          | 15         | 9          |
| 763 | Eagle/Star                       | 0%   | 7  | 2                      | 7          | 2          | 7          | 2          | 113        | 34         | 265        | 84         | 477        | 151        | 680        | 228        |
| 764 | Eagle/Star                       | 0%   | 6  | 4                      | 6          | 4          | 6          | 4          | 6          | 4          | 6          | 4          | 6          | 4          | 6          | 4          |
| 765 | Eagle/Star                       | 0%   | 8  | 4                      | 134        | 67         | 447        | 184        | 481        | 198        | 583        | 204        | 594        | 208        | 726        | 221        |
| 766 | Eagle/Star                       | 0%   | 9  | 3                      | 12         | 4          | 11         | 4          | 48         | 18         | 91         | 39         | 156        | 67         | 202        | 101        |
| 767 | Eagle/Star                       | 0%   | 8  | 3                      | 8          | 3          | 8          | 3          | 45         | 18         | 97         | 41         | 173        | 73         | 245        | 110        |
| 768 | Eagle/Star                       | 0%   | 21   | 6                      | 329        | 94         | 899        | 264        | 1,189      | 349        | 1,285      | 388        | 1,378      | 416        | 1,616      | 502        |
| 769 | Eagle/Star                       | 0%   | 12   | 3                      | 12         | 3          | 11         | 3          | 222        | 60         | 508        | 150        | 919        | 271        | 1,274      | 413        |
| 770 | Eagle/Star                       | 0%   | 37   | 13                     | 37         | 13         | 36         | 13         | 321        | 116        | 746        | 277        | 1,328      | 493        | 1,953      | 746        |
| 771 | Eagle/Star                       | 0%   | 103  | 37                     | 120        | 43         | 152        | 53         | 167        | 58         | 172        | 58         | 172        | 58         | 178        | 58         |
| 772 | Star                             | 0%   | 6  | 3                      | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          |
| 773 | Eagle/Star                       | 0%   | 60   | 23                     | 60         | 23         | 59         | 24         | 176        | 71         | 340        | 145        | 571        | 244        | 795        | 360        |
| 774 | Eagle/Star                       | 0%   | 8  | 3                      | 11         | 4          | 20         | 7          | 23         | 8          | 24         | 8          | 24         | 8          | 22         | 7          |
| 775 | East Foothills                   | 0%   | 88   | 30                     | 88         | 30         | 82         | 30         | 90         | 33         | 93         | 37         | 108        | 43         | 116        | 50         |
| 776 | East Foothills                   | 0%   | 70   | 23                     | 94         | 31         | 138        | 47         | 161        | 55         | 178        | 63         | 203        | 72         | 233        | 86         |
| 777 | East Foothills                   | 0%   | 63   | 22                     | 69         | 24         | 79         | 28         | 107        | 38         | 141        | 51         | 185        | 67         | 238        | 88         |
| 778 | East Foothills                   | 0%   | 34   | 16                     | 38         | 18         | 47         | 21         | 67         | 30         | 99         | 42         | 137        | 58         | 193        | 78         |
| 779 | East Foothills                   | 0%   | 1  | 1                      | 1          | 1          | 2          | 1          | 28         | 18         | 94         | 44         | 168        | 79         | 323        | 120        |
| 780 | East Foothills                   | 100%                                       | 1  | 0                      | 0          | 0          | 0          | 0          | 116        | 46         | 306        | 117        | 557        | 213        | 883        | 326        |
| 781 | East Foothills                   | 100%                                       | 6  | 2                      | 6          | 2          | 6          | 2          | 160        | 55         | 392        | 139        | 711        | 252        | 1,046      | 383        |
| 782 | East Foothills                   | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 17         | 7          | 42         | 18         | 78         | 33         | 116        | 50         |
| 783 | East Foothills                   | 0%   | 1  | 1                      | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 1          | 0          | 1          | 0          | 0          |
| 784 | East Foothills                   | 0%   | 6  | 2                      | 6          | 2          | 6          | 2          | 6          | 2          | 6          | 2          | 6          | 2          | 6          | 2          |
| 785 | East Foothills                   | 100%                                       | 90   | 30                     | 93         | 31         | 90         | 32         | 116        | 41         | 143        | 54         | 191        | 72         | 230        | 93         |
| 786 | East Foothills                   | 0%   | 33   | 14                     | 35         | 15         | 37         | 17         | 51         | 23         | 61         | 30         | 79         | 39         | 94         | 50         |
| 787 | West Foothills                   | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 1,275      | 442        | 3,083      | 1,134      | 5,614      | 2,065      | 8,053      | 3,154      |
| 788 | West Foothills                   | 0%   | 114  | 37                     | 129        | 42         | 134        | 45         | 149        | 50         | 159        | 55         | 174        | 60         | 191        | 68         |
| 789 | West Foothills                   | 0%   | 47   | 18                     | 50         | 19         | 53         | 20         | 218        | 82         | 485        | 179        | 837        | 309        | 1,274      | 462        |
| 790 | West Foothills                   | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 593        | 199        | 1,483      | 510        | 2,701      | 929        | 4,025      | 1,419      |
| 791 | West Foothills                   | 0%   | 45   | 10                     | 45         | 10         | 43         | 10         | 43         | 10         | 40         | 10         | 40         | 10         | 38         | 10         |
| 792 | West Foothills                   | 0%   | 93   | 29                     | 103        | 32         | 111        | 38         | 123        | 42         | 114        | 43         | 114        | 43         | 112        | 47         |
| 793 | West Foothills                   | 0%   | 4  | 1                      | 4          | 1          | 4          | 1          | 265        | 73         | 602        | 185        | 1,094      | 336        | 1,476      | 512        |
| 794 | West Foothills                   | 0%   | 58   | 26                     | 58         | 26         | 65         | 26         | 313        | 125        | 778        | 280        | 1,355      | 488        | 2,230      | 731        |
| 795 | West Foothills                   | 0%   | 24   | 12                     | 24         | 12         | 28         | 12         | 291        | 125        | 801        | 302        | 1,435      | 541        | 2,443      | 820        |
| 796 | West Foothills                   | 0%   | 178  | 59                     | 187        | 62         | 179        | 67         | 187        | 70         | 164        | 70         | 164        | 70         | 140        | 70         |
| 797 | West Foothills                   | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 192        | 64         | 482        | 164        | 876        | 298        | 1,313      | 455        |
| 798 | West Foothills                   | 0%   | 185  | 60                     | 216        | 70         | 270        | 89         | 297        | 98         | 293        | 98         | 293        | 98         | 285        | 97         |
| 799 | West Foothills                   | 0%   | 97   | 31                     | 100        | 32         | 99         | 33         | 105        | 35         | 105        | 37         | 111        | 39         | 114        | 42         |
| 800 | West Foothills                   | 0%   | 197  | 68                     | 203        | 70         | 207        | 74         | 230        | 82         | 246        | 91         | 273        | 101        | 300        | 115        |
| 801 | West Foothills                   | 0%   | 140  | 45                     | 143        | 46         | 141        | 48         | 150        | 51         | 152        | 55         | 166        | 60         | 171        | 66         |

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COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 802 | West Foothills                   | 0%   | 138  | 49         | 141        | 50         | 132        | 50         | 132        | 50         | 124        | 50         | 126        | 51         | 120        | 52         |
| 803 | Northwest Rural Ada              | 0%   | 114  | 41         | 128        | 46         | 154        | 56         | 171        | 62         | 172        | 63         | 172        | 63         | 174        | 64         |
| 804 | Northwest Rural Ada              | 0%   | 172  | 55         | 178        | 57         | 180        | 59         | 898        | 295        | 1,964      | 663        | 3,433      | 1,159      | 5,009      | 1,740      |
| 805 | Northwest Rural Ada              | 0%   | 114  | 38         | 117        | 39         | 125        | 41         | 348        | 114        | 706        | 227        | 1,178      | 379        | 1,765      | 558        |
| 806 | Northwest Rural Ada              | 0%   | 704  | 216        | 730        | 224        | 762        | 238        | 784        | 245        | 770        | 245        | 770        | 245        | 756        | 245        |
| 807 | Northwest Rural Ada              | 0%   | 86   | 25         | 89         | 26         | 90         | 27         | 93         | 28         | 93         | 29         | 96         | 30         | 96         | 31         |
| 808 | Star                             | 0%   | 921  | 308        | 993        | 332        | 1,134      | 378        | 1,206      | 402        | 1,216      | 404        | 1,216      | 404        | 1,232      | 408        |
| 809 | Star                             | 0%   | 21   | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 22         | 7          | 22         | 7          | 22         | 7          |
| 810 | Star                             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 811 | Star                             | 0%   | 33   | 12         | 33         | 12         | 30         | 12         | 30         | 12         | 27         | 12         | 29         | 13         | 28         | 14         |
| 812 | Star                             | 0%   | 249  | 71         | 256        | 73         | 258        | 76         | 275        | 81         | 285        | 87         | 308        | 94         | 329        | 104        |
| 813 | Star                             | 0%   | 58   | 17         | 58         | 17         | 58         | 17         | 58         | 17         | 58         | 17         | 58         | 17         | 58         | 17         |
| 814 | Star                             | 0%   | 68   | 25         | 68         | 25         | 68         | 25         | 68         | 25         | 68         | 25         | 68         | 25         | 68         | 25         |
| 815 | Star                             | 0%   | 219  | 74         | 275        | 93         | 334        | 115        | 375        | 129        | 380        | 133        | 382        | 134        | 406        | 145        |
| 816 | Star                             | 0%   | 282  | 78         | 383        | 106        | 454        | 130        | 576        | 165        | 676        | 201        | 820        | 244        | 987        | 305        |
| 817 | Star                             | 0%   | 323  | 94         | 412        | 120        | 568        | 170        | 719        | 215        | 797        | 245        | 891        | 274        | 1,046      | 331        |
| 818 | Star                             | 0%   | 271  | 92         | 339        | 115        | 384        | 132        | 410        | 141        | 405        | 141        | 405        | 141        | 380        | 134        |
| 819 | Star                             | 0%   | 266  | 73         | 415        | 114        | 595        | 172        | 720        | 208        | 715        | 218        | 718        | 219        | 765        | 247        |
| 820 | Star                             | 0%   | 16   | 6          | 16         | 6          | 15         | 6          | 15         | 6          | 14         | 6          | 14         | 6          | 14         | 6          |
| 821 | Star                             | 0%   | 343  | 113        | 352        | 116        | 350        | 117        | 353        | 118        | 353        | 120        | 362        | 123        | 365        | 126        |
| 822 | Star                             | 0%   | 153  | 60         | 166        | 65         | 187        | 74         | 202        | 80         | 205        | 82         | 205        | 82         | 214        | 86         |
| 823 | Star                             | 0%   | 15   | 5          | 18         | 6          | 23         | 8          | 25         | 9          | 24         | 9          | 24         | 9          | 12         | 5          |
| 824 | Star                             | 0%   | 1,032  | 349        | 1,035      | 350        | 1,009      | 351        | 1,012      | 352        | 983        | 352        | 983        | 352        | 960        | 354        |
| 825 | Star                             | 0%   | 249  | 96         | 252        | 97         | 252        | 100        | 272        | 108        | 285        | 117        | 315        | 129        | 340        | 144        |
| 826 | Star                             | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 827 | Star                             | 0%   | 100  | 36         | 100        | 36         | 97         | 36         | 103        | 38         | 105        | 40         | 113        | 43         | 120        | 47         |
| 828 | Star                             | 0%   | 26   | 12         | 28         | 13         | 30         | 14         | 65         | 30         | 118        | 55         | 189        | 88         | 271        | 127        |
| 829 | Star                             | 0%   | 87   | 24         | 91         | 25         | 91         | 27         | 520        | 154        | 1,099      | 352        | 1,930      | 618        | 2,671      | 930        |
| 830 | Star                             | 0%   | 25   | 12         | 25         | 12         | 27         | 12         | 263        | 118        | 674        | 284        | 1,203      | 507        | 1,934      | 768        |
| 831 | Star                             | 0%   | 775  | 274        | 863        | 305        | 1,005      | 352        | 1,156      | 405        | 1,297      | 450        | 1,444      | 501        | 1,687      | 580        |
| 832 | Star                             | 0%   | 414  | 151        | 1,053      | 384        | 2,266      | 812        | 2,450      | 878        | 2,493      | 878        | 2,493      | 878        | 2,536      | 878        |
| 833 | Star                             | 0%   | 170  | 58         | 185        | 63         | 208        | 72         | 223        | 77         | 220        | 77         | 220        | 77         | 217        | 77         |
| 834 | Star                             | 0%   | 28   | 8          | 28         | 8          | 27         | 8          | 232        | 68         | 540        | 162        | 960        | 288        | 1,415      | 435        |
| 835 | Star                             | 0%   | 13   | 7          | 13         | 7          | 16         | 7          | 144        | 62         | 412        | 148        | 735        | 264        | 1,302      | 401        |
| 836 | Star                             | 0%   | 14   | 6          | 14         | 6          | 13         | 6          | 15         | 7          | 18         | 9          | 22         | 11         | 26         | 14         |
| 837 | North Meridian                   | 50%  | 197  | 61         | 200        | 62         | 204        | 64         | 220        | 69         | 235        | 75         | 257        | 82         | 281        | 91         |
| 838 | North Meridian                   | 100%                                       | 130  | 43         | 333        | 110        | 729        | 235        | 980        | 316        | 1,339      | 421        | 1,772      | 557        | 2,374      | 728        |
| 839 | Star                             | 0%   | 23   | 9          | 26         | 10         | 30         | 11         | 417        | 152        | 1,095      | 373        | 1,968      | 670        | 3,184      | 1,018      |
| 840 | Star                             | 0%   | 22   | 10         | 22         | 10         | 25         | 10         | 203        | 80         | 547        | 190        | 975        | 339        | 1,649      | 513        |
| 841 | North Meridian                   | 0%   | 34   | 11         | 34         | 11         | 32         | 11         | 74         | 25         | 132        | 47         | 216        | 77         | 295        | 111        |
| 842 | North Meridian                   | 50%  | 49   | 17         | 432        | 150        | 961        | 321        | 1,084      | 362        | 1,174      | 378        | 1,199      | 386        | 1,361      | 423        |
| 843 | North Meridian                   | 0%   | 1,525  | 500        | 1,577      | 517        | 1,599      | 531        | 1,620      | 538        | 1,600      | 538        | 1,600      | 538        | 1,561      | 532        |
| 844 | North Meridian                   | 0%   | 535  | 186        | 644        | 224        | 695        | 242        | 724        | 252        | 726        | 253        | 726        | 253        | 727        | 254        |
| 845 | North Meridian                   | 50%  | 599  | 186        | 921        | 286        | 1,335      | 420        | 1,411      | 444        | 1,401      | 447        | 1,401      | 447        | 1,410      | 456        |
| 846 | North Meridian                   | 20%  | 127  | 37         | 127        | 37         | 124        | 37         | 144        | 43         | 170        | 52         | 213        | 65         | 255        | 80         |
| 847 | North Meridian                   | 0%   | 1,221  | 396        | 1,249      | 405        | 1,288      | 421        | 1,291      | 422        | 1,280      | 422        | 1,280      | 422        | 1,270      | 422        |
| 848 | North Meridian                   | 0%   | 1,163  | 360        | 1,237      | 383        | 1,354      | 425        | 1,431      | 449        | 1,468      | 467        | 1,530      | 487        | 1,614      | 521        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010   |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 849 | North Meridian                   | 0%   | 604  | 192        | 843        | 268        | 1,162      | 384        | 1,352      | 447        | 1,400      | 482        | 1,490      | 513        | 1,626      | 584        |
| 850 | North Meridian                   | 0%   | 45   | 5          | 54         | 6          | 41         | 6          | 122        | 18         | 168        | 37         | 285        | 63         | 216        | 94         |
| 851 | North Meridian                   | 0%   | 24   | 10         | 24         | 10         | 27         | 10         | 43         | 16         | 73         | 25         | 109        | 37         | 167        | 52         |
| 852 | North Meridian                   | 0%   | 24   | 4          | 516        | 86         | 1,214      | 239        | 1,280      | 252        | 1,047      | 252        | 1,047      | 252        | 815        | 252        |
| 853 | North Meridian                   | 0%   | 25   | 6          | 25         | 6          | 24         | 6          | 28         | 7          | 31         | 8          | 39         | 10         | 46         | 12         |
| 854 | North Meridian                   | 0%   | 18   | 5          | 18         | 5          | 16         | 5          | 39         | 12         | 68         | 23         | 112        | 38         | 148        | 56         |
| 855 | North Meridian                   | 0%   | 3  | 1          | 3          | 1          | 3          | 1          | 11         | 4          | 22         | 8          | 35         | 13         | 49         | 19         |
| 856 | North Meridian                   | 0%   | 13   | 2          | 13         | 2          | 11         | 2          | 49         | 9          | 89         | 20         | 156        | 35         | 183        | 53         |
| 857 | North Meridian                   | 0%   | 7  | 4          | 7          | 4          | 7          | 4          | 9          | 5          | 11         | 6          | 12         | 7          | 16         | 9          |
| 858 | North Meridian                   | 0%   | 23   | 8          | 23         | 8          | 22         | 8          | 28         | 10         | 36         | 13         | 47         | 17         | 59         | 22         |
| 859 | North Meridian                   | 0%   | 37   | 16         | 37         | 16         | 36         | 16         | 68         | 30         | 116        | 53         | 184        | 84         | 254        | 119        |
| 860 | North Meridian                   | 0%   | 44   | 17         | 49         | 19         | 59         | 23         | 87         | 34         | 118        | 47         | 161        | 64         | 213        | 86         |
| 861 | North Meridian                   | 0%   | 15   | 5          | 18         | 6          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 15         | 5          |
| 862 | North Meridian                   | 0%   | 12   | 4          | 12         | 4          | 12         | 4          | 12         | 4          | 12         | 4          | 12         | 4          | 12         | 4          |
| 863 | North Meridian                   | 0%   | 11   | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          |
| 864 | North Meridian                   | 0%   | 56   | 21         | 56         | 21         | 58         | 21         | 66         | 24         | 83         | 29         | 103        | 36         | 131        | 44         |
| 865 | North Meridian                   | 0%   | 13   | 2          | 13         | 2          | 10         | 2          | 68         | 13         | 118        | 30         | 208        | 53         | 209        | 79         |
| 866 | North Meridian                   | 0%   | 6  | 2          | 6          | 2          | 6          | 2          | 52         | 18         | 118        | 43         | 211        | 77         | 302        | 116        |
| 867 | North Meridian                   | 0%   | 8  | 4          | 8          | 4          | 7          | 4          | 7          | 4          | 6          | 4          | 6          | 4          | 7          | 5          |
| 868 | North Meridian                   | 0%   | 5  | 2          | 5          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 3          | 2          |
| 869 | North Meridian                   | 0%   | 3  | 1          | 3          | 1          | 2          | 1          | 2          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 870 | North Meridian                   | 0%   | 11   | 3          | 231        | 63         | 526        | 149        | 572        | 162        | 549        | 162        | 549        | 162        | 527        | 162        |
| 871 | North Meridian                   | 0%   | 7  | 2          | 7          | 2          | 6          | 2          | 51         | 16         | 109        | 37         | 191        | 65         | 262        | 99         |
| 872 | North Meridian                   | 0%   | 332  | 93         | 332        | 93         | 323        | 93         | 323        | 93         | 314        | 93         | 314        | 93         | 305        | 93         |
| 873 | North Meridian                   | 0%   | 15   | 6          | 15         | 6          | 15         | 6          | 41         | 16         | 81         | 31         | 133        | 51         | 197        | 74         |
| 874 | North Meridian                   | 0%   | 13   | 5          | 13         | 5          | 13         | 5          | 39         | 15         | 79         | 30         | 132        | 50         | 197        | 74         |
| 875 | North Meridian                   | 0%   | 39   | 16         | 39         | 16         | 39         | 16         | 39         | 16         | 38         | 16         | 38         | 16         | 38         | 16         |
| 876 | North Meridian                   | 0%   | 30   | 11         | 30         | 11         | 29         | 11         | 29         | 11         | 28         | 11         | 28         | 11         | 30         | 12         |
| 877 | North Meridian                   | 0%   | 34   | 13         | 251        | 96         | 671        | 249        | 755        | 280        | 852        | 307        | 938        | 338        | 1,101      | 386        |
| 878 | North Meridian                   | 0%   | 20   | 6          | 20         | 6          | 19         | 6          | 235        | 74         | 548        | 181        | 985        | 325        | 1,422      | 494        |
| 879 | North Meridian                   | 0%   | 10   | 3          | 10         | 3          | 10         | 3          | 140        | 44         | 325        | 108        | 581        | 193        | 834        | 293        |
| 880 | North Meridian                   | 0%   | 0  | 0          | 428        | 128        | 1,085      | 368        | 1,147      | 389        | 994        | 389        | 994        | 389        | 841        | 389        |
| 881 | North Meridian                   | 0%   | 1  | 0          | 0          | 0          | 0          | 0          | 133        | 42         | 323        | 107        | 588        | 195        | 847        | 297        |
| 882 | North Meridian                   | 0%   | 1,594  | 467        | 1,594      | 467        | 1,562      | 467        | 1,586      | 474        | 1,589      | 485        | 1,638      | 500        | 1,665      | 519        |
| 883 | North Meridian                   | 0%   | 683  | 185        | 727        | 197        | 718        | 200        | 775        | 216        | 830        | 238        | 931        | 267        | 1,023      | 302        |
| 884 | North Meridian                   | 0%   | 1,207  | 343        | 1,225      | 348        | 1,205      | 349        | 1,240      | 359        | 1,267      | 374        | 1,335      | 394        | 1,392      | 419        |
| 885 | North Meridian                   | 0%   | 1,042  | 310        | 1,042      | 310        | 1,013      | 310        | 1,019      | 312        | 996        | 314        | 1,005      | 317        | 988        | 321        |
| 886 | North Meridian                   | 0%   | 1,205  | 330        | 1,490      | 408        | 1,632      | 462        | 1,731      | 490        | 1,672      | 490        | 1,672      | 490        | 1,613      | 490        |
| 887 | North Meridian                   | 0%   | 875  | 234        | 942        | 252        | 963        | 266        | 996        | 275        | 970        | 277        | 970        | 277        | 954        | 282        |
| 888 | North Meridian                   | 0%   | 639  | 198        | 642        | 199        | 629        | 199        | 629        | 199        | 616        | 199        | 616        | 199        | 603        | 199        |
| 889 | North Meridian                   | 0%   | 222  | 68         | 222        | 68         | 217        | 68         | 226        | 71         | 237        | 76         | 258        | 83         | 273        | 90         |
| 890 | North Meridian                   | 0%   | 613  | 178        | 2,190      | 636        | 4,361      | 1,377      | 4,642      | 1,466      | 4,236      | 1,466      | 4,236      | 1,466      | 3,830      | 1,466      |
| 891 | North Meridian                   | 0%   | 619  | 165        | 627        | 167        | 577        | 168        | 580        | 169        | 527        | 169        | 527        | 169        | 473        | 169        |
| 892 | North Meridian                   | 0%   | 135  | 38         | 369        | 104        | 752        | 227        | 835        | 252        | 843        | 274        | 919        | 299        | 956        | 337        |
| 893 | North Meridian                   | 0%   | 92   | 28         | 174        | 53         | 293        | 100        | 384        | 131        | 445        | 173        | 587        | 228        | 656        | 296        |
| 894 | North Meridian                   | 0%   | 820  | 241        | 908        | 267        | 1,024      | 308        | 1,123      | 338        | 1,142      | 352        | 1,175      | 362        | 1,241      | 392        |
| 895 | North Meridian                   | 0%   | 195  | 59         | 456        | 138        | 753        | 231        | 861        | 264        | 884        | 275        | 894        | 278        | 967        | 305        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 896 | North Meridian                   | 0%   | 191  | 67         | 542        | 190        | 818        | 278        | 950        | 323        | 979        | 323        | 979        | 323        | 1,009      | 323        |
| 897 | North Meridian                   | 0%   | 152  | 47         | 288        | 89         | 369        | 115        | 417        | 130        | 420        | 132        | 420        | 132        | 439        | 139        |
| 898 | North Meridian                   | 0%   | 1,670  | 496        | 1,714      | 509        | 1,728      | 524        | 1,811      | 549        | 1,860      | 576        | 1,963      | 608        | 2,060      | 652        |
| 899 | North Meridian                   | 0%   | 1,058  | 313        | 1,413      | 418        | 1,835      | 578        | 1,924      | 606        | 1,819      | 613        | 1,822      | 614        | 1,754      | 635        |
| 900 | North Meridian                   | 0%   | 1,477  | 366        | 1,525      | 378        | 1,539      | 389        | 1,563      | 395        | 1,532      | 395        | 1,532      | 395        | 1,486      | 391        |
| 901 | North Meridian                   | 0%   | 285  | 97         | 291        | 99         | 295        | 100        | 336        | 114        | 399        | 135        | 482        | 163        | 587        | 198        |
| 902 | North Meridian                   | 0%   | 1,451  | 405        | 1,455      | 406        | 1,430      | 406        | 1,465      | 416        | 1,495      | 432        | 1,567      | 453        | 1,621      | 477        |
| 903 | North Meridian                   | 100%                                       | 1,439  | 481        | 1,442      | 482        | 1,428      | 483        | 1,428      | 483        | 1,411      | 483        | 1,411      | 483        | 1,388      | 481        |
| 904 | North Meridian                   | 100%                                       | 1,150  | 410        | 1,181      | 421        | 1,185      | 431        | 1,213      | 441        | 1,208      | 448        | 1,227      | 455        | 1,236      | 468        |
| 905 | North Meridian                   | 0%   | 239  | 80         | 284        | 95         | 365        | 124        | 382        | 130        | 376        | 130        | 376        | 130        | 373        | 131        |
| 906 | North Meridian                   | 100%                                       | 178  | 64         | 178        | 64         | 172        | 64         | 191        | 71         | 213        | 82         | 252        | 97         | 290        | 116        |
| 907 | Center Meridian                  | 0%   | 12   | 4          | 12         | 4          | 11         | 4          | 11         | 4          | 10         | 4          | 10         | 4          | 10         | 4          |
| 908 | Center Meridian                  | 0%   | 25   | 10         | 25         | 10         | 24         | 10         | 26         | 11         | 27         | 12         | 29         | 13         | 30         | 14         |
| 909 | Center Meridian                  | 0%   | 83   | 27         | 89         | 29         | 96         | 32         | 102        | 34         | 100        | 34         | 100        | 34         | 101        | 35         |
| 910 | Center Meridian                  | 0%   | 1,113  | 342        | 1,116      | 343        | 1,090      | 344        | 1,116      | 352        | 1,126      | 365        | 1,182      | 383        | 1,209      | 403        |
| 911 | Center Meridian                  | 0%   | 7  | 4          | 7          | 4          | 8          | 4          | 29         | 7          | 14         | 30         | 123        | 52         | 206        | 77         |
| 912 | Center Meridian                  | 0%   | 368  | 118        | 368        | 118        | 368        | 118        | 465        | 149        | 619        | 198        | 825        | 264        | 1,068      | 341        |
| 913 | Center Meridian                  | 0%   | 16   | 5          | 16         | 5          | 16         | 5          | 109        | 34         | 254        | 79         | 446        | 139        | 675        | 210        |
| 914 | Center Meridian                  | 0%   | 75   | 26         | 95         | 33         | 126        | 42         | 275        | 92         | 502        | 162        | 790        | 255        | 1,180      | 368        |
| 915 | Center Meridian                  | 0%   | 39   | 13         | 42         | 14         | 41         | 14         | 115        | 39         | 226        | 78         | 380        | 131        | 550        | 193        |
| 916 | Center Meridian                  | 0%   | 1,410  | 572        | 1,412      | 573        | 1,388      | 573        | 1,388      | 573        | 1,363      | 573        | 1,363      | 573        | 1,339      | 573        |
| 917 | Center Meridian                  | 0%   | 627  | 194        | 633        | 196        | 618        | 196        | 618        | 196        | 603        | 196        | 603        | 196        | 588        | 196        |
| 918 | Center Meridian                  | 0%   | 602  | 275        | 604        | 276        | 582        | 276        | 582        | 276        | 560        | 276        | 560        | 276        | 538        | 276        |
| 919 | Center Meridian                  | 0%   | 1,050  | 402        | 1,050      | 402        | 1,037      | 402        | 1,066      | 413        | 1,096      | 430        | 1,155      | 453        | 1,208      | 480        |
| 920 | Center Meridian                  | 0%   | 453  | 126        | 460        | 128        | 456        | 129        | 459        | 130        | 451        | 130        | 451        | 130        | 443        | 130        |
| 921 | Center Meridian                  | 0%   | 1,062  | 354        | 1,062      | 354        | 1,052      | 354        | 1,055      | 355        | 1,050      | 357        | 1,056      | 359        | 1,055      | 362        |
| 922 | Center Meridian                  | 0%   | 1,633  | 526        | 1,633      | 526        | 1,609      | 526        | 1,622      | 530        | 1,619      | 537        | 1,646      | 546        | 1,654      | 557        |
| 923 | Center Meridian                  | 0%   | 1,019  | 356        | 1,022      | 357        | 1,012      | 357        | 1,054      | 372        | 1,111      | 396        | 1,201      | 428        | 1,292      | 465        |
| 924 | Center Meridian                  | 0%   | 1,356  | 505        | 1,356      | 505        | 1,336      | 505        | 1,349      | 510        | 1,349      | 518        | 1,375      | 528        | 1,385      | 540        |
| 925 | Center Meridian                  | 0%   | 565  | 196        | 565        | 196        | 556        | 196        | 571        | 201        | 584        | 209        | 615        | 220        | 644        | 234        |
| 926 | Center Meridian                  | 0%   | 608  | 204        | 760        | 255        | 757        | 259        | 810        | 277        | 865        | 302        | 963        | 336        | 1,059      | 377        |
| 927 | Center Meridian                  | 0%   | 1,297  | 499        | 1,297      | 499        | 1,267      | 499        | 1,290      | 508        | 1,294      | 522        | 1,342      | 541        | 1,365      | 564        |
| 928 | Center Meridian                  | 0%   | 651  | 236        | 651        | 236        | 647        | 236        | 647        | 236        | 642        | 236        | 642        | 236        | 638        | 236        |
| 929 | Center Meridian                  | 0%   | 279  | 106        | 316        | 120        | 362        | 142        | 405        | 159        | 414        | 168        | 431        | 175        | 462        | 194        |
| 930 | Center Meridian                  | 0%   | 117  | 49         | 287        | 120        | 475        | 205        | 535        | 231        | 529        | 236        | 529        | 236        | 549        | 253        |
| 931 | Center Meridian                  | 0%   | 1,082  | 439        | 1,087      | 441        | 1,052      | 441        | 1,095      | 459        | 1,123      | 487        | 1,211      | 525        | 1,269      | 570        |
| 932 | Center Meridian                  | 0%   | 1,319  | 477        | 1,341      | 485        | 1,339      | 496        | 1,376      | 510        | 1,377      | 523        | 1,416      | 538        | 1,440      | 561        |
| 933 | Center Meridian                  | 0%   | 1,614  | 526        | 1,614      | 526        | 1,592      | 526        | 1,613      | 533        | 1,624      | 544        | 1,668      | 559        | 1,695      | 576        |
| 934 | Center Meridian                  | 0%   | 414  | 154        | 414        | 154        | 412        | 154        | 412        | 154        | 409        | 154        | 409        | 154        | 407        | 154        |
| 935 | Center Meridian                  | 0%   | 754  | 325        | 754        | 325        | 724        | 325        | 726        | 326        | 700        | 328        | 707        | 331        | 684        | 335        |
| 936 | Center Meridian                  | 0%   | 519  | 268        | 519        | 268        | 488        | 268        | 488        | 268        | 457        | 268        | 457        | 268        | 426        | 268        |
| 937 | Center Meridian                  | 0%   | 287  | 130        | 289        | 131        | 285        | 134        | 320        | 150        | 355        | 173        | 419        | 204        | 476        | 241        |
| 938 | Center Meridian                  | 0%   | 215  | 80         | 215        | 80         | 209        | 80         | 209        | 80         | 203        | 80         | 203        | 80         | 198        | 80         |
| 939 | Center Meridian                  | 0%   | 151  | 59         | 154        | 60         | 151        | 60         | 174        | 69         | 205        | 83         | 255        | 103        | 306        | 126        |
| 940 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 941 | Center Meridian                  | 0%   | 143  | 55         | 143        | 55         | 134        | 55         | 161        | 66         | 188        | 83         | 240        | 106        | 279        | 133        |
| 942 | Center Meridian                  | 0%   | 1,041  | 365        | 1,044      | 366        | 1,032      | 367        | 1,032      | 367        | 1,017      | 367        | 1,017      | 367        | 1,002      | 367        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|     |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 943 | Center Meridian                  | 0%   | 378  | 130        | 378        | 130        | 373        | 130        | 419        | 146        | 484        | 171        | 581        | 205        | 687        | 246        |
| 944 | Center Meridian                  | 0%   | 378  | 120        | 410        | 130        | 426        | 139        | 484        | 158        | 537        | 180        | 620        | 208        | 707        | 244        |
| 945 | Center Meridian                  | 0%   | 11   | 5          | 59         | 27         | 103        | 47         | 186        | 85         | 281        | 129        | 401        | 184        | 555        | 256        |
| 946 | Center Meridian                  | 0%   | 639  | 230        | 656        | 236        | 648        | 236        | 684        | 249        | 733        | 270        | 809        | 298        | 888        | 331        |
| 947 | Center Meridian                  | 0%   | 29   | 10         | 29         | 10         | 28         | 10         | 31         | 11         | 33         | 12         | 35         | 13         | 37         | 14         |
| 948 | Center Meridian                  | 0%   | 30   | 9          | 30         | 9          | 27         | 9          | 84         | 28         | 154        | 58         | 260        | 98         | 333        | 144        |
| 949 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 950 | Center Meridian                  | 0%   | 29   | 9          | 29         | 9          | 26         | 9          | 80         | 28         | 146        | 58         | 246        | 98         | 311        | 144        |
| 951 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 952 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 953 | Center Meridian                  | 0%   | 38   | 17         | 38         | 17         | 38         | 17         | 95         | 43         | 181        | 83         | 299        | 137        | 433        | 201        |
| 954 | Center Meridian                  | 0%   | 161  | 68         | 161        | 68         | 152        | 68         | 161        | 72         | 166        | 79         | 185        | 88         | 194        | 98         |
| 955 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 956 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 957 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 958 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 959 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 960 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 961 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 962 | Center Meridian                  | 0%   | 21   | 5          | 21         | 5          | 20         | 5          | 20         | 5          | 20         | 5          | 20         | 5          | 19         | 5          |
| 963 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 964 | Center Meridian                  | 0%   | 196  | 60         | 196        | 60         | 194        | 60         | 194        | 60         | 191        | 60         | 191        | 60         | 189        | 60         |
| 965 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 966 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 967 | Center Meridian                  | 0%   | 5  | 1          | 5          | 1          | 5          | 1          | 5          | 1          | 4          | 1          | 4          | 1          | 8          | 2          |
| 968 | Center Meridian                  | 0%   | 78   | 29         | 73         | 27         | 69         | 27         | 71         | 28         | 72         | 30         | 77         | 32         | 77         | 34         |
| 969 | Center Meridian                  | 0%   | 148  | 67         | 150        | 68         | 145        | 68         | 167        | 78         | 194        | 94         | 237        | 115        | 278        | 140        |
| 970 | Center Meridian                  | 0%   | 14   | 11         | 14         | 11         | 14         | 11         | 14         | 11         | 14         | 11         | 14         | 11         | 15         | 11         |
| 971 | Center Meridian                  | 0%   | 9  | 6          | 9          | 6          | 9          | 6          | 17         | 11         | 27         | 18         | 42         | 28         | 59         | 39         |
| 972 | Center Meridian                  | 0%   | 146  | 67         | 148        | 68         | 144        | 69         | 167        | 80         | 194        | 97         | 240        | 120        | 279        | 146        |
| 973 | Center Meridian                  | 0%   | 26   | 9          | 29         | 10         | 27         | 10         | 33         | 12         | 39         | 15         | 49         | 19         | 58         | 24         |
| 974 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 975 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 8          | 3          | 18         | 7          | 31         | 12         | 49         | 19         |
| 976 | Center Meridian                  | 0%   | 3  | 1          | 3          | 1          | 3          | 1          | 13         | 4          | 28         | 8          | 46         | 13         | 72         | 19         |
| 977 | Center Meridian                  | 0%   | 7  | 2          | 11         | 3          | 10         | 3          | 16         | 5          | 26         | 9          | 40         | 14         | 49         | 19         |
| 978 | Center Meridian                  | 0%   | 44   | 23         | 44         | 23         | 43         | 23         | 43         | 23         | 42         | 23         | 42         | 23         | 40         | 23         |
| 979 | Center Meridian                  | 0%   | 86   | 39         | 86         | 39         | 82         | 39         | 91         | 43         | 97         | 48         | 111        | 55         | 123        | 64         |
| 980 | Center Meridian                  | 0%   | 101  | 50         | 101        | 50         | 93         | 50         | 101        | 54         | 103        | 60         | 116        | 68         | 120        | 77         |
| 981 | Center Meridian                  | 0%   | 130  | 78         | 130        | 78         | 128        | 78         | 134        | 82         | 144        | 89         | 160        | 99         | 175        | 110        |
| 982 | Center Meridian                  | 0%   | 110  | 45         | 112        | 46         | 111        | 47         | 121        | 51         | 131        | 57         | 149        | 65         | 167        | 75         |
| 983 | Center Meridian                  | 0%   | 205  | 87         | 207        | 88         | 202        | 89         | 211        | 93         | 215        | 98         | 230        | 105        | 240        | 114        |
| 984 | Center Meridian                  | 0%   | 40   | 20         | 40         | 20         | 37         | 20         | 39         | 21         | 38         | 22         | 40         | 23         | 40         | 25         |
| 985 | Center Meridian                  | 0%   | 54   | 25         | 54         | 25         | 53         | 25         | 68         | 32         | 90         | 43         | 119        | 57         | 152        | 74         |
| 986 | Center Meridian                  | 0%   | 29   | 15         | 29         | 15         | 28         | 15         | 32         | 17         | 36         | 20         | 44         | 24         | 53         | 30         |
| 987 | Center Meridian                  | 0%   | 166  | 74         | 168        | 75         | 162        | 75         | 175        | 81         | 189        | 91         | 216        | 104        | 238        | 120        |
| 988 | Center Meridian                  | 0%   | 617  | 227        | 617        | 227        | 610        | 229        | 637        | 239        | 661        | 253        | 708        | 271        | 749        | 293        |
| 989 | Center Meridian                  | 0%   | 419  | 160        | 414        | 158        | 405        | 158        | 443        | 173        | 492        | 196        | 569        | 227        | 648        | 264        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|------|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|      |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|      |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 990  | Center Meridian                  | 0%   | 114  | 44         | 114        | 44         | 112        | 44         | 120        | 47         | 131        | 52         | 146        | 58         | 162        | 65         |
| 991  | Center Meridian                  | 0%   | 746  | 319        | 748        | 320        | 725        | 321        | 736        | 326        | 724        | 333        | 746        | 343        | 741        | 354        |
| 992  | Center Meridian                  | 0%   | 460  | 184        | 473        | 189        | 486        | 199        | 567        | 232        | 659        | 276        | 795        | 333        | 942        | 404        |
| 993  | Center Meridian                  | 0%   | 281  | 114        | 281        | 114        | 273        | 114        | 273        | 114        | 264        | 114        | 264        | 114        | 256        | 114        |
| 994  | Center Meridian                  | 0%   | 1,421  | 489        | 1,459      | 502        | 1,464      | 512        | 1,481      | 518        | 1,462      | 520        | 1,462      | 520        | 1,449      | 524        |
| 995  | Center Meridian                  | 0%   | 715  | 243        | 818        | 278        | 1,006      | 344        | 1,030      | 352        | 1,032      | 355        | 1,035      | 356        | 1,050      | 363        |
| 996  | Center Meridian                  | 0%   | 637  | 197        | 637        | 197        | 627        | 197        | 631        | 198        | 624        | 199        | 630        | 201        | 627        | 203        |
| 997  | Center Meridian                  | 0%   | 35   | 15         | 44         | 19         | 56         | 26         | 189        | 88         | 352        | 179        | 589        | 299        | 791        | 443        |
| 998  | Center Meridian                  | 0%   | 1,041  | 339        | 1,041      | 339        | 1,021      | 339        | 1,021      | 339        | 1,000      | 339        | 1,000      | 339        | 983        | 340        |
| 999  | Center Meridian                  | 0%   | 68   | 23         | 272        | 92         | 576        | 192        | 612        | 204        | 620        | 204        | 620        | 204        | 629        | 204        |
| 1000 | Center Meridian                  | 0%   | 1,083  | 295        | 1,083      | 295        | 1,063      | 295        | 1,070      | 297        | 1,061      | 300        | 1,075      | 304        | 1,072      | 309        |
| 1001 | Center Meridian                  | 0%   | 17   | 6          | 17         | 6          | 17         | 6          | 25         | 9          | 36         | 13         | 49         | 18         | 65         | 24         |
| 1002 | Center Meridian                  | 0%   | 254  | 78         | 270        | 83         | 282        | 90         | 313        | 100        | 334        | 111        | 376        | 125        | 413        | 143        |
| 1003 | Center Meridian                  | 0%   | 11   | 4          | 347        | 126        | 982        | 353        | 1,038      | 373        | 1,050      | 373        | 1,050      | 373        | 1,051      | 369        |
| 1004 | Center Meridian                  | 0%   | 49   | 17         | 49         | 17         | 45         | 17         | 283        | 107        | 597        | 247        | 1,053      | 436        | 1,434      | 657        |
| 1005 | Center Meridian                  | 0%   | 2  | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 3          | 2          |
| 1006 | Center Meridian                  | 0%   | 6  | 4          | 6          | 4          | 7          | 4          | 67         | 39         | 182        | 94         | 325        | 168        | 548        | 255        |
| 1007 | Center Meridian                  | 0%   | 1  | 1          | 18         | 18         | 69         | 50         | 93         | 67         | 158        | 89         | 209        | 118        | 334        | 155        |
| 1008 | Center Meridian                  | 0%   | 16   | 7          | 16         | 7          | 16         | 7          | 16         | 7          | 16         | 7          | 16         | 7          | 16         | 7          |
| 1009 | Center Meridian                  | 0%   | 11   | 5          | 11         | 5          | 11         | 5          | 15         | 7          | 20         | 9          | 26         | 12         | 35         | 16         |
| 1010 | Center Meridian                  | 0%   | 2  | 1          | 2          | 1          | 2          | 1          | 84         | 41         | 217        | 103        | 394        | 187        | 617        | 285        |
| 1011 | Center Meridian                  | 0%   | 2  | 1          | 224        | 112        | 728        | 319        | 769        | 337        | 864        | 337        | 864        | 337        | 962        | 338        |
| 1012 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 223        | 90         | 533        | 231        | 974        | 422        | 1,395      | 645        |
| 1013 | Center Meridian                  | 0%   | 7  | 3          | 7          | 3          | 7          | 3          | 7          | 3          | 7          | 3          | 7          | 3          | 7          | 3          |
| 1014 | Center Meridian                  | 0%   | 1  | 0          | 0          | 0          | 0          | 0          | 206        | 84         | 498        | 216        | 909        | 394        | 1,301      | 602        |
| 1015 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 20         | 7          | 58         | 19         | 106        | 35         | 173        | 53         |
| 1016 | Center Meridian                  | 0%   | 31   | 12         | 31         | 12         | 29         | 12         | 350        | 143        | 804        | 348        | 1,441      | 624        | 2,057      | 947        |
| 1017 | Center Meridian                  | 0%   | 444  | 154        | 476        | 165        | 540        | 184        | 602        | 205        | 702        | 235        | 821        | 275        | 981        | 323        |
| 1018 | Center Meridian                  | 0%   | 31   | 12         | 31         | 12         | 29         | 12         | 284        | 119        | 626        | 286        | 1,118      | 511        | 1,543      | 775        |
| 1019 | Center Meridian                  | 0%   | 21   | 9          | 21         | 9          | 21         | 9          | 21         | 9          | 21         | 9          | 21         | 9          | 21         | 9          |
| 1020 | Center Meridian                  | 0%   | 1,530  | 520        | 1,530      | 520        | 1,494      | 520        | 1,514      | 527        | 1,508      | 538        | 1,550      | 553        | 1,557      | 570        |
| 1021 | Center Meridian                  | 0%   | 709  | 267        | 712        | 268        | 696        | 269        | 698        | 270        | 680        | 270        | 680        | 270        | 661        | 270        |
| 1022 | Center Meridian                  | 0%   | 463  | 185        | 466        | 186        | 481        | 187        | 481        | 187        | 494        | 187        | 494        | 187        | 507        | 187        |
| 1023 | Center Meridian                  | 0%   | 362  | 159        | 396        | 174        | 451        | 203        | 487        | 219        | 481        | 222        | 481        | 222        | 484        | 229        |
| 1024 | Center Meridian                  | 0%   | 99   | 32         | 99         | 32         | 97         | 32         | 103        | 34         | 107        | 36         | 116        | 39         | 125        | 43         |
| 1025 | Center Meridian                  | 0%   | 6  | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          | 3          |
| 1026 | Center Meridian                  | 0%   | 58   | 34         | 58         | 34         | 69         | 34         | 85         | 42         | 127        | 54         | 164        | 70         | 234        | 88         |
| 1027 | Center Meridian                  | 0%   | 3  | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          |
| 1028 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1029 | Center Meridian                  | 0%   | 17   | 4          | 17         | 4          | 18         | 4          | 29         | 9          | 53         | 18         | 81         | 30         | 125        | 43         |
| 1030 | Center Meridian                  | 0%   | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| 1031 | Center Meridian                  | 0%   | 4  | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          |
| 1032 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1033 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1034 | Center Meridian                  | 0%   | 172  | 57         | 175        | 58         | 175        | 59         | 181        | 61         | 189        | 65         | 203        | 70         | 217        | 76         |
| 1035 | Center Meridian                  | 0%   | 223  | 73         | 226        | 74         | 217        | 74         | 220        | 75         | 214        | 76         | 217        | 77         | 214        | 79         |
| 1036 | Kuna                             | 0%   | 40   | 10         | 40         | 10         | 37         | 10         | 37         | 10         | 34         | 10         | 34         | 10         | 31         | 10         |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|------|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|      |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|      |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 1037 | Center Meridian                  | 0%   | 55   | 16         | 55         | 16         | 55         | 16         | 55         | 16         | 58         | 17         | 61         | 18         | 64         | 19         |
| 1038 | Center Meridian                  | 0%   | 129  | 43         | 129        | 43         | 129        | 43         | 129        | 43         | 129        | 43         | 129        | 43         | 129        | 43         |
| 1039 | Center Meridian                  | 0%   | 96   | 29         | 122        | 37         | 164        | 52         | 173        | 55         | 170        | 57         | 176        | 59         | 178        | 63         |
| 1040 | Center Meridian                  | 0%   | 754  | 254        | 754        | 254        | 744        | 254        | 747        | 255        | 739        | 256        | 742        | 257        | 734        | 258        |
| 1041 | Center Meridian                  | 0%   | 44   | 17         | 44         | 17         | 44         | 17         | 44         | 17         | 43         | 17         | 43         | 17         | 43         | 17         |
| 1042 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1043 | Center Meridian                  | 0%   | 1,022  | 369        | 1,025      | 370        | 1,010      | 370        | 1,015      | 372        | 1,005      | 374        | 1,013      | 377        | 1,009      | 381        |
| 1044 | Center Meridian                  | 0%   | 22   | 8          | 25         | 9          | 23         | 9          | 51         | 20         | 89         | 38         | 145        | 62         | 195        | 91         |
| 1045 | Center Meridian                  | 0%   | 2  | 1          | 2          | 1          | 2          | 1          | 9          | 4          | 19         | 8          | 31         | 13         | 49         | 19         |
| 1046 | Center Meridian                  | 0%   | 1,124  | 446        | 1,127      | 447        | 1,122      | 448        | 1,174      | 469        | 1,244      | 500        | 1,346      | 541        | 1,461      | 591        |
| 1047 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 8          | 3          | 18         | 7          | 31         | 12         | 49         | 19         |
| 1048 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 8          | 3          | 18         | 7          | 31         | 12         | 49         | 19         |
| 1049 | Center Meridian                  | 0%   | 229  | 94         | 229        | 94         | 215        | 94         | 217        | 95         | 204        | 96         | 206        | 97         | 194        | 98         |
| 1050 | Kuna                             | 0%   | 108  | 29         | 112        | 30         | 112        | 30         | 112        | 30         | 112        | 30         | 112        | 30         | 108        | 29         |
| 1051 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1052 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1053 | Center Meridian                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1054 | South Meridian                   | 0%   | 98   | 37         | 98         | 37         | 96         | 37         | 130        | 50         | 179        | 70         | 246        | 96         | 320        | 127        |
| 1055 | South Meridian                   | 0%   | 4  | 1          | 4          | 1          | 4          | 1          | 4          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 1056 | South Meridian                   | 0%   | 8  | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 10         | 5          | 12         | 6          |
| 1057 | South Meridian                   | 0%   | 104  | 38         | 107        | 39         | 110        | 39         | 110        | 39         | 113        | 39         | 113        | 39         | 120        | 40         |
| 1058 | South Meridian                   | 0%   | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 3          | 1          | 3          | 1          | 0          | 0          |
| 1059 | South Meridian                   | 0%   | 11   | 3          | 125        | 34         | 291        | 92         | 510        | 161        | 693        | 260        | 1,046      | 392        | 1,194      | 551        |
| 1060 | South Meridian                   | 0%   | 11   | 4          | 96         | 35         | 269        | 93         | 310        | 107        | 367        | 121        | 416        | 137        | 512        | 161        |
| 1061 | South Meridian                   | 0%   | 3  | 1          | 3          | 1          | 3          | 1          | 17         | 6          | 39         | 14         | 70         | 25         | 102        | 38         |
| 1062 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1063 | South Meridian                   | 0%   | 23   | 10         | 359        | 156        | 837        | 337        | 948        | 382        | 1,106      | 415        | 1,197      | 449        | 1,456      | 511        |
| 1064 | South Meridian                   | 0%   | 1,773  | 639        | 1,798      | 648        | 1,807      | 657        | 1,826      | 664        | 1,821      | 668        | 1,829      | 671        | 1,837      | 680        |
| 1065 | South Meridian                   | 0%   | 1,289  | 414        | 1,289      | 414        | 1,274      | 414        | 1,274      | 414        | 1,259      | 414        | 1,259      | 414        | 1,244      | 414        |
| 1066 | South Meridian                   | 0%   | 143  | 62         | 143        | 62         | 150        | 62         | 213        | 88         | 327        | 129        | 467        | 184        | 660        | 249        |
| 1067 | South Meridian                   | 0%   | 1,099  | 353        | 1,099      | 353        | 1,091      | 353        | 1,091      | 353        | 1,082      | 353        | 1,082      | 353        | 1,074      | 353        |
| 1068 | South Meridian                   | 0%   | 295  | 135        | 310        | 142        | 342        | 156        | 358        | 163        | 359        | 163        | 359        | 163        | 360        | 163        |
| 1069 | South Meridian                   | 0%   | 28   | 12         | 124        | 53         | 296        | 115        | 332        | 129        | 363        | 129        | 363        | 129        | 388        | 127        |
| 1070 | South Meridian                   | 0%   | 488  | 164        | 568        | 191        | 585        | 200        | 609        | 208        | 613        | 213        | 624        | 217        | 642        | 227        |
| 1071 | South Meridian                   | 0%   | 626  | 210        | 632        | 212        | 609        | 212        | 609        | 212        | 586        | 212        | 586        | 212        | 563        | 212        |
| 1072 | South Meridian                   | 0%   | 770  | 293        | 773        | 294        | 755        | 294        | 755        | 294        | 738        | 294        | 738        | 294        | 718        | 293        |
| 1073 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1074 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1075 | South Meridian                   | 0%   | 18   | 5          | 731        | 203        | 1,293      | 386        | 1,490      | 445        | 1,586      | 512        | 1,846      | 595        | 1,730      | 608        |
| 1076 | South Meridian                   | 0%   | 1,604  | 470        | 1,682      | 493        | 1,758      | 526        | 1,818      | 544        | 1,782      | 545        | 1,782      | 545        | 1,750      | 547        |
| 1077 | South Meridian                   | 0%   | 10   | 2          | 10         | 2          | 8          | 2          | 134        | 33         | 253        | 81         | 456        | 146        | 484        | 221        |
| 1078 | South Meridian                   | 0%   | 171  | 66         | 174        | 67         | 182        | 67         | 226        | 83         | 308        | 108        | 404        | 142        | 545        | 183        |
| 1079 | South Meridian                   | 0%   | 108  | 34         | 108        | 34         | 106        | 34         | 112        | 36         | 119        | 39         | 131        | 43         | 146        | 49         |
| 1080 | South Meridian                   | 0%   | 20   | 8          | 23         | 9          | 24         | 9          | 27         | 10         | 34         | 12         | 40         | 14         | 49         | 16         |
| 1081 | South Meridian                   | 0%   | 18   | 7          | 18         | 7          | 18         | 7          | 36         | 14         | 65         | 25         | 102        | 39         | 148        | 56         |
| 1082 | South Meridian                   | 0%   | 42   | 15         | 42         | 15         | 43         | 15         | 51         | 18         | 67         | 23         | 87         | 30         | 113        | 38         |
| 1083 | South Meridian                   | 0%   | 71   | 25         | 71         | 25         | 72         | 25         | 87         | 30         | 112        | 38         | 145        | 49         | 190        | 63         |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|------|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|      |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|      |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 1084 | South Meridian                   | 0%   | 45   | 14         | 51         | 16         | 61         | 19         | 68         | 21         | 71         | 22         | 74         | 23         | 84         | 26         |
| 1085 | South Meridian                   | 0%   | 55   | 19         | 61         | 21         | 61         | 22         | 70         | 25         | 77         | 29         | 91         | 34         | 105        | 41         |
| 1086 | South Meridian                   | 0%   | 55   | 20         | 55         | 20         | 57         | 20         | 80         | 28         | 119        | 40         | 167        | 56         | 229        | 74         |
| 1087 | South Meridian                   | 0%   | 104  | 38         | 107        | 39         | 111        | 39         | 162        | 57         | 252        | 85         | 361        | 122        | 507        | 165        |
| 1088 | South Meridian                   | 0%   | 221  | 74         | 224        | 75         | 226        | 77         | 249        | 85         | 276        | 96         | 319        | 111        | 364        | 129        |
| 1089 | South Meridian                   | 0%   | 49   | 15         | 56         | 17         | 65         | 20         | 75         | 23         | 85         | 26         | 98         | 30         | 114        | 35         |
| 1090 | South Meridian                   | 0%   | 74   | 28         | 79         | 30         | 84         | 31         | 114        | 42         | 162        | 58         | 220        | 79         | 294        | 103        |
| 1091 | South Meridian                   | 0%   | 35   | 11         | 35         | 11         | 35         | 11         | 38         | 12         | 45         | 14         | 55         | 17         | 68         | 21         |
| 1092 | South Meridian                   | 0%   | 19   | 7          | 19         | 7          | 19         | 7          | 19         | 7          | 19         | 7          | 19         | 7          | 19         | 7          |
| 1093 | South Meridian                   | 0%   | 27   | 8          | 30         | 9          | 28         | 9          | 28         | 9          | 25         | 9          | 25         | 9          | 23         | 9          |
| 1094 | South Meridian                   | 0%   | 38   | 15         | 41         | 16         | 40         | 16         | 40         | 16         | 40         | 16         | 40         | 16         | 37         | 15         |
| 1095 | South Meridian                   | 0%   | 23   | 6          | 38         | 10         | 64         | 18         | 78         | 22         | 71         | 22         | 71         | 22         | 53         | 18         |
| 1096 | South Meridian                   | 0%   | 51   | 13         | 51         | 13         | 50         | 13         | 62         | 16         | 77         | 20         | 96         | 25         | 122        | 32         |
| 1097 | South Meridian                   | 0%   | 17   | 4          | 17         | 4          | 16         | 4          | 16         | 4          | 15         | 4          | 15         | 4          | 17         | 5          |
| 1098 | South Meridian                   | 0%   | 27   | 7          | 31         | 8          | 31         | 8          | 35         | 9          | 38         | 10         | 42         | 11         | 49         | 13         |
| 1099 | South Meridian                   | 0%   | 50   | 13         | 50         | 13         | 45         | 13         | 110        | 32         | 189        | 62         | 311        | 102        | 393        | 148        |
| 1100 | South Meridian                   | 0%   | 30   | 8          | 34         | 9          | 34         | 10         | 85         | 25         | 145        | 48         | 239        | 79         | 305        | 115        |
| 1101 | South Meridian                   | 0%   | 13   | 4          | 13         | 4          | 13         | 4          | 13         | 4          | 14         | 4          | 14         | 4          | 18         | 5          |
| 1102 | South Meridian                   | 0%   | 39   | 11         | 43         | 12         | 44         | 13         | 44         | 13         | 41         | 13         | 41         | 13         | 39         | 13         |
| 1103 | South Meridian                   | 0%   | 34   | 10         | 34         | 10         | 31         | 10         | 31         | 10         | 28         | 10         | 28         | 10         | 25         | 10         |
| 1104 | South Meridian                   | 0%   | 40   | 13         | 40         | 13         | 39         | 13         | 39         | 13         | 38         | 13         | 38         | 13         | 37         | 13         |
| 1105 | South Meridian                   | 0%   | 16   | 7          | 18         | 8          | 19         | 8          | 19         | 8          | 20         | 8          | 20         | 8          | 18         | 7          |
| 1106 | South Meridian                   | 0%   | 81   | 23         | 85         | 24         | 85         | 25         | 88         | 26         | 88         | 27         | 91         | 28         | 94         | 30         |
| 1107 | South Meridian                   | 0%   | 46   | 15         | 49         | 16         | 51         | 17         | 87         | 29         | 139        | 47         | 207        | 70         | 284        | 98         |
| 1108 | South Meridian                   | 0%   | 22   | 7          | 22         | 7          | 21         | 7          | 21         | 7          | 20         | 7          | 20         | 7          | 19         | 7          |
| 1109 | South Meridian                   | 0%   | 24   | 9          | 24         | 9          | 23         | 9          | 26         | 10         | 30         | 12         | 35         | 14         | 42         | 17         |
| 1110 | South Meridian                   | 0%   | 18   | 6          | 18         | 6          | 17         | 6          | 17         | 6          | 16         | 6          | 16         | 6          | 15         | 6          |
| 1111 | South Meridian                   | 0%   | 858  | 242        | 1,096      | 309        | 1,392      | 401        | 1,457      | 420        | 1,426      | 420        | 1,426      | 420        | 1,401      | 422        |
| 1112 | South Meridian                   | 0%   | 55   | 17         | 191        | 59         | 437        | 138        | 462        | 146        | 459        | 148        | 459        | 148        | 464        | 153        |
| 1113 | South Meridian                   | 0%   | 54   | 16         | 358        | 106        | 880        | 275        | 928        | 290        | 876        | 290        | 876        | 290        | 828        | 291        |
| 1114 | South Meridian                   | 0%   | 21   | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          |
| 1115 | South Meridian                   | 0%   | 40   | 12         | 340        | 102        | 895        | 271        | 948        | 287        | 942        | 288        | 942        | 288        | 946        | 292        |
| 1116 | South Meridian                   | 0%   | 37   | 11         | 37         | 11         | 33         | 11         | 33         | 11         | 28         | 11         | 28         | 11         | 26         | 12         |
| 1117 | South Meridian                   | 0%   | 18   | 5          | 18         | 5          | 17         | 5          | 40         | 12         | 68         | 22         | 112        | 36         | 149        | 52         |
| 1118 | South Meridian                   | 0%   | 96   | 29         | 238        | 72         | 494        | 151        | 530        | 162        | 547        | 169        | 570        | 176        | 605        | 189        |
| 1119 | South Meridian                   | 0%   | 649  | 217        | 694        | 232        | 740        | 260        | 783        | 275        | 747        | 276        | 747        | 276        | 712        | 278        |
| 1120 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 25         | 9          | 61         | 23         | 111        | 42         | 161        | 65         |
| 1121 | South Meridian                   | 0%   | 131  | 39         | 134        | 40         | 133        | 40         | 220        | 66         | 354        | 107        | 537        | 162        | 743        | 226        |
| 1122 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1123 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1124 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1125 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1126 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1127 | South Meridian                   | 0%   | 1,307  | 392        | 2,117      | 635        | 3,251      | 1,014      | 3,465      | 1,081      | 3,333      | 1,083      | 3,333      | 1,083      | 3,209      | 1,088      |
| 1128 | South Meridian                   | 0%   | 701  | 203        | 715        | 207        | 707        | 208        | 707        | 208        | 695        | 208        | 695        | 208        | 667        | 203        |
| 1129 | South Meridian                   | 0%   | 248  | 79         | 493        | 157        | 691        | 261        | 805        | 304        | 658        | 305        | 658        | 305        | 514        | 308        |
| 1130 | South Meridian                   | 0%   | 18   | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |            |            |            |            |            |            |            |            |            |            |            |            |            |
|------|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|      |                                  |  | 2010 Census                                  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|      |                                  |  | Population                                   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 1131 | South Meridian                   | 0%   | 50   | 16         | 50         | 16         | 53         | 16         | 53         | 16         | 57         | 16         | 57         | 16         | 60         | 16         |
| 1132 | South Meridian                   | 0%   | 27   | 7          | 31         | 8          | 31         | 8          | 31         | 8          | 31         | 8          | 31         | 8          | 27         | 7          |
| 1133 | South Meridian                   | 0%   | 49   | 17         | 52         | 18         | 57         | 20         | 62         | 22         | 64         | 23         | 67         | 24         | 69         | 25         |
| 1134 | South Meridian                   | 0%   | 21   | 9          | 21         | 9          | 21         | 9          | 29         | 12         | 39         | 16         | 53         | 22         | 72         | 29         |
| 1135 | South Meridian                   | 0%   | 23   | 9          | 23         | 9          | 23         | 9          | 23         | 9          | 23         | 9          | 23         | 9          | 23         | 9          |
| 1136 | South Meridian                   | 0%   | 7  | 3          | 7          | 3          | 7          | 3          | 7          | 3          | 7          | 3          | 7          | 3          | 7          | 3          |
| 1137 | South Meridian                   | 0%   | 11   | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          |
| 1138 | South Meridian                   | 0%   | 11   | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 11         | 4          |
| 1139 | South Meridian                   | 0%   | 9  | 4          | 9          | 4          | 9          | 4          | 9          | 4          | 9          | 4          | 9          | 4          | 9          | 4          |
| 1140 | South Meridian                   | 0%   | 32   | 9          | 36         | 10         | 35         | 10         | 73         | 21         | 129        | 38         | 203        | 60         | 283        | 86         |
| 1141 | South Meridian                   | 0%   | 64   | 23         | 67         | 24         | 67         | 24         | 101        | 36         | 152        | 54         | 219        | 78         | 302        | 107        |
| 1142 | South Meridian                   | 0%   | 30   | 9          | 30         | 9          | 28         | 9          | 56         | 18         | 92         | 32         | 147        | 51         | 197        | 74         |
| 1143 | South Meridian                   | 0%   | 16   | 5          | 16         | 5          | 15         | 5          | 27         | 9          | 46         | 16         | 74         | 26         | 99         | 37         |
| 1144 | South Meridian                   | 0%   | 14   | 4          | 14         | 4          | 13         | 4          | 29         | 9          | 47         | 16         | 77         | 26         | 99         | 37         |
| 1145 | South Meridian                   | 0%   | 60   | 23         | 63         | 24         | 66         | 25         | 121        | 46         | 211        | 79         | 329        | 123        | 471        | 174        |
| 1146 | South Meridian                   | 0%   | 74   | 23         | 116        | 36         | 154        | 48         | 225        | 70         | 305        | 95         | 408        | 127        | 546        | 170        |
| 1147 | South Meridian                   | 0%   | 22   | 7          | 22         | 7          | 21         | 7          | 21         | 7          | 20         | 7          | 20         | 7          | 22         | 8          |
| 1148 | South Meridian                   | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 21         | 7          | 53         | 18         | 94         | 32         | 139        | 48         |
| 1149 | Kuna                             | 0%   | 22   | 7          | 22         | 7          | 21         | 7          | 27         | 9          | 32         | 11         | 41         | 14         | 50         | 18         |
| 1150 | Kuna                             | 0%   | 33   | 11         | 33         | 11         | 33         | 11         | 33         | 11         | 33         | 11         | 33         | 11         | 33         | 11         |
| 1151 | Kuna                             | 0%   | 4  | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          |
| 1152 | Kuna                             | 0%   | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 3          | 2          | 4          | 3          |
| 1153 | Kuna                             | 0%   | 38   | 10         | 42         | 11         | 38         | 11         | 48         | 14         | 55         | 18         | 70         | 23         | 81         | 30         |
| 1154 | Kuna                             | 0%   | 16   | 6          | 16         | 6          | 15         | 6          | 62         | 25         | 125        | 54         | 216        | 93         | 300        | 140        |
| 1155 | South Meridian                   | 0%   | 6  | 2          | 6          | 2          | 6          | 2          | 6          | 2          | 6          | 2          | 6          | 2          | 6          | 2          |
| 1156 | South Meridian                   | 0%   | 6  | 2          | 6          | 2          | 6          | 2          | 6          | 2          | 7          | 2          | 7          | 2          | 11         | 3          |
| 1157 | South Meridian                   | 0%   | 19   | 8          | 19         | 8          | 19         | 8          | 19         | 8          | 19         | 8          | 19         | 8          | 19         | 8          |
| 1158 | South Meridian                   | 0%   | 16   | 6          | 16         | 6          | 15         | 6          | 15         | 6          | 17         | 7          | 20         | 8          | 21         | 9          |
| 1159 | Kuna                             | 0%   | 45   | 11         | 45         | 11         | 42         | 11         | 260        | 68         | 562        | 158        | 992        | 279        | 1,384      | 421        |
| 1160 | Kuna                             | 0%   | 63   | 17         | 67         | 18         | 68         | 19         | 118        | 33         | 185        | 54         | 281        | 82         | 381        | 116        |
| 1161 | Kuna                             | 0%   | 60   | 18         | 63         | 19         | 66         | 21         | 100        | 32         | 140        | 48         | 202        | 69         | 252        | 93         |
| 1162 | Kuna                             | 0%   | 32   | 10         | 32         | 10         | 31         | 10         | 108        | 35         | 223        | 75         | 384        | 129        | 550        | 192        |
| 1163 | Kuna                             | 0%   | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 1          | 0          | 1          | 0          | 0          |
| 1164 | Kuna                             | 0%   | 49   | 14         | 67         | 19         | 88         | 26         | 159        | 47         | 246        | 75         | 364        | 111        | 494        | 156        |
| 1165 | Kuna                             | 0%   | 9  | 4          | 9          | 4          | 9          | 4          | 54         | 25         | 121        | 58         | 213        | 102        | 309        | 154        |
| 1166 | Kuna                             | 0%   | 3  | 1          | 3          | 1          | 3          | 1          | 23         | 9          | 46         | 21         | 81         | 37         | 101        | 56         |
| 1167 | Kuna                             | 0%   | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          | 4          | 2          |
| 1168 | South Meridian                   | 0%   | 25   | 9          | 28         | 10         | 25         | 10         | 128        | 51         | 259        | 115        | 453        | 201        | 600        | 301        |
| 1169 | Kuna                             | 0%   | 1  | 0          | 0          | 0          | 0          | 0          | 36         | 13         | 88         | 34         | 164        | 63         | 232        | 96         |
| 1170 | Kuna                             | 0%   | 2  | 1          | 2          | 1          | 2          | 1          | 15         | 7          | 39         | 17         | 69         | 30         | 112        | 46         |
| 1171 | Kuna                             | 0%   | 6  | 3          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 6          | 3          |
| 1172 | Kuna                             | 0%   | 15   | 5          | 15         | 5          | 15         | 5          | 15         | 5          | 15         | 5          | 15         | 5          | 15         | 5          |
| 1173 | Kuna                             | 0%   | 20   | 8          | 20         | 8          | 19         | 8          | 19         | 8          | 19         | 8          | 19         | 8          | 18         | 8          |
| 1174 | South Meridian                   | 0%   | 20   | 8          | 20         | 8          | 19         | 8          | 27         | 11         | 35         | 15         | 49         | 21         | 64         | 28         |
| 1175 | Kuna                             | 0%   | 24   | 10         | 24         | 10         | 24         | 10         | 55         | 23         | 104        | 43         | 167        | 69         | 242        | 100        |
| 1176 | Kuna                             | 0%   | 6  | 3          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 6          | 3          |
| 1177 | Kuna                             | 0%   | 13   | 6          | 13         | 6          | 15         | 6          | 46         | 19         | 108        | 40         | 183        | 68         | 295        | 100        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |             |            |            |            |            |            |            |            |            |            |            |            |            |
|------|----------------------------------|--|--|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|      |                                  |  | 2010 Census                                  | 2010 Census | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|      |                                  |  | Population                                   | Households  | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 1178 | Kuna                             | 0%   | 17   | 8           | 17         | 8          | 16         | 8          | 19         | 9          | 22         | 11         | 28         | 14         | 33         | 17         |
| 1179 | Kuna                             | 0%   | 9  | 3           | 9          | 3          | 9          | 3          | 9          | 3          | 9          | 3          | 9          | 3          | 9          | 3          |
| 1180 | Kuna                             | 0%   | 17   | 6           | 17         | 6          | 15         | 6          | 18         | 7          | 20         | 9          | 25         | 11         | 28         | 14         |
| 1181 | Kuna                             | 0%   | 15   | 6           | 15         | 6          | 14         | 6          | 14         | 6          | 14         | 6          | 14         | 6          | 13         | 6          |
| 1182 | Kuna                             | 0%   | 13   | 5           | 13         | 5          | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          | 11         | 5          |
| 1183 | Kuna                             | 0%   | 12   | 5           | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          |
| 1184 | Kuna                             | 0%   | 12   | 5           | 12         | 5          | 11         | 5          | 16         | 7          | 24         | 11         | 35         | 16         | 43         | 21         |
| 1185 | Kuna                             | 0%   | 33   | 9           | 33         | 9          | 31         | 9          | 31         | 9          | 33         | 10         | 36         | 11         | 37         | 12         |
| 1186 | Kuna                             | 0%   | 18   | 8           | 18         | 8          | 18         | 8          | 18         | 8          | 18         | 8          | 18         | 8          | 18         | 8          |
| 1187 | Kuna                             | 0%   | 14   | 4           | 14         | 4          | 14         | 4          | 14         | 4          | 14         | 4          | 14         | 4          | 14         | 4          |
| 1188 | Kuna                             | 0%   | 24   | 7           | 27         | 8          | 29         | 9          | 36         | 11         | 46         | 15         | 61         | 20         | 75         | 26         |
| 1189 | Kuna                             | 0%   | 24   | 7           | 24         | 7          | 22         | 7          | 74         | 24         | 138        | 50         | 234        | 85         | 302        | 125        |
| 1190 | Kuna                             | 0%   | 12   | 3           | 12         | 3          | 11         | 3          | 11         | 3          | 10         | 3          | 10         | 3          | 9          | 3          |
| 1191 | Kuna                             | 0%   | 22   | 9           | 24         | 10         | 24         | 10         | 24         | 10         | 24         | 10         | 24         | 10         | 22         | 9          |
| 1192 | Kuna                             | 0%   | 12   | 3           | 12         | 3          | 11         | 3          | 11         | 3          | 10         | 3          | 10         | 3          | 9          | 3          |
| 1193 | Kuna                             | 0%   | 722  | 217         | 815        | 245        | 951        | 301        | 1,078      | 341        | 1,072      | 358        | 1,105      | 369        | 1,151      | 407        |
| 1194 | Kuna                             | 0%   | 560  | 163         | 560        | 163        | 521        | 163        | 856        | 268        | 1,279      | 433        | 1,935      | 655        | 2,483      | 915        |
| 1195 | Kuna                             | 0%   | 76   | 24          | 124        | 39         | 185        | 62         | 248        | 83         | 273        | 97         | 309        | 110        | 358        | 136        |
| 1196 | Kuna                             | 0%   | 339  | 105         | 410        | 127        | 406        | 132        | 473        | 154        | 537        | 184        | 654        | 224        | 752        | 272        |
| 1197 | Kuna                             | 0%   | 18   | 6           | 18         | 6          | 16         | 6          | 61         | 23         | 117        | 50         | 201        | 86         | 257        | 128        |
| 1198 | Kuna                             | 0%   | 73   | 22          | 73         | 22         | 70         | 22         | 95         | 30         | 126        | 42         | 174        | 58         | 219        | 77         |
| 1199 | Kuna                             | 0%   | 12   | 4           | 12         | 4          | 11         | 4          | 11         | 4          | 11         | 4          | 13         | 5          | 15         | 6          |
| 1200 | Kuna                             | 0%   | 39   | 13          | 39         | 13         | 37         | 13         | 40         | 14         | 41         | 15         | 47         | 17         | 50         | 19         |
| 1201 | Kuna                             | 0%   | 16   | 7           | 16         | 7          | 15         | 7          | 15         | 7          | 14         | 7          | 14         | 7          | 13         | 7          |
| 1202 | Kuna                             | 0%   | 39   | 13          | 39         | 13         | 37         | 13         | 158        | 55         | 333        | 121        | 577        | 210        | 824        | 314        |
| 1203 | Kuna                             | 0%   | 700  | 246         | 706        | 248        | 698        | 250        | 815        | 292        | 975        | 356        | 1,210      | 442        | 1,461      | 544        |
| 1204 | Kuna                             | 0%   | 873  | 229         | 1,460      | 383        | 2,289      | 645        | 2,637      | 743        | 2,655      | 808        | 2,865      | 872        | 3,013      | 997        |
| 1205 | Kuna                             | 0%   | 47   | 15          | 47         | 15         | 45         | 15         | 67         | 22         | 97         | 33         | 141        | 48         | 184        | 65         |
| 1206 | Kuna                             | 0%   | 54   | 19          | 57         | 20         | 54         | 20         | 54         | 20         | 52         | 20         | 52         | 20         | 49         | 20         |
| 1207 | Kuna                             | 0%   | 62   | 18          | 62         | 18         | 60         | 18         | 60         | 18         | 58         | 18         | 58         | 18         | 56         | 18         |
| 1208 | Kuna                             | 0%   | 59   | 22          | 59         | 22         | 56         | 22         | 59         | 23         | 60         | 25         | 65         | 27         | 66         | 29         |
| 1209 | Kuna                             | 0%   | 15   | 5           | 18         | 6          | 20         | 7          | 23         | 8          | 21         | 8          | 21         | 8          | 12         | 5          |
| 1210 | Kuna                             | 0%   | 63   | 19          | 63         | 19         | 58         | 19         | 58         | 19         | 53         | 19         | 53         | 19         | 50         | 20         |
| 1211 | South Meridian                   | 0%   | 8  | 5           | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          |
| 1212 | Kuna                             | 0%   | 25   | 7           | 25         | 7          | 23         | 7          | 40         | 12         | 59         | 19         | 90         | 29         | 115        | 40         |
| 1213 | South Meridian                   | 0%   | 8  | 2           | 8          | 2          | 7          | 2          | 25         | 7          | 49         | 15         | 84         | 26         | 109        | 38         |
| 1214 | South Meridian                   | 0%   | 2  | 1           | 2          | 1          | 2          | 1          | 13         | 6          | 34         | 14         | 61         | 25         | 99         | 37         |
| 1215 | Kuna                             | 0%   | 9  | 4           | 9          | 4          | 10         | 4          | 64         | 25         | 167        | 58         | 296        | 103        | 497        | 156        |
| 1216 | South Meridian                   | 0%   | 2  | 1           | 2          | 1          | 2          | 1          | 82         | 36         | 233        | 91         | 424        | 166        | 717        | 253        |
| 1217 | South Meridian                   | 0%   | 2  | 1           | 2          | 1          | 2          | 1          | 32         | 14         | 90         | 35         | 164        | 64         | 275        | 97         |
| 1218 | Kuna                             | 0%   | 207  | 74          | 213        | 76         | 213        | 79         | 243        | 90         | 273        | 105        | 322        | 124        | 372        | 149        |
| 1219 | Kuna                             | 0%   | 211  | 82          | 237        | 92         | 280        | 111        | 305        | 121        | 301        | 122        | 301        | 122        | 296        | 123        |
| 1220 | Kuna                             | 0%   | 343  | 120         | 346        | 121        | 335        | 124        | 360        | 133        | 370        | 145        | 408        | 160        | 429        | 179        |
| 1221 | Kuna                             | 0%   | 246  | 95          | 249        | 96         | 238        | 99         | 243        | 101        | 227        | 102        | 229        | 103        | 213        | 104        |
| 1222 | Kuna                             | 0%   | 50   | 17          | 50         | 17         | 47         | 17         | 47         | 17         | 43         | 17         | 46         | 18         | 45         | 19         |
| 1223 | Kuna                             | 0%   | 291  | 108         | 294        | 109        | 279        | 112        | 304        | 122        | 312        | 136        | 354        | 154        | 371        | 177        |
| 1224 | Kuna                             | 0%   | 36   | 11          | 33         | 10         | 28         | 10         | 238        | 84         | 483        | 201        | 861        | 358        | 1,069      | 542        |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                   |            |            |            |            |            |            |            |            |            |            |            |            |
|------|----------------------------------|--|--|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|      |                                  |  | 2010   |                   | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|      |                                  |  | Census Population                            | Census Households | Population | Households |
| 1225 | Kuna                             | 0%   | 460  | 167               | 463        | 168        | 433        | 169        | 433        | 169        | 401        | 169        | 401        | 169        | 368        | 169        |
| 1226 | Kuna                             | 0%   | 401  | 104               | 401        | 104        | 386        | 104        | 386        | 104        | 372        | 104        | 372        | 104        | 357        | 104        |
| 1227 | Kuna                             | 0%   | 502  | 152               | 502        | 152        | 482        | 152        | 489        | 154        | 478        | 157        | 490        | 161        | 484        | 166        |
| 1228 | Kuna                             | 0%   | 0  | 0                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1229 | Kuna                             | 0%   | 209  | 82                | 214        | 84         | 203        | 87         | 210        | 90         | 195        | 92         | 201        | 95         | 191        | 100        |
| 1230 | Kuna                             | 0%   | 101  | 37                | 104        | 38         | 93         | 38         | 115        | 47         | 133        | 61         | 172        | 79         | 190        | 100        |
| 1231 | Kuna                             | 0%   | 673  | 199               | 930        | 275        | 814        | 276        | 1,136      | 385        | 1,395      | 554        | 1,966      | 781        | 2,029      | 973        |
| 1232 | Kuna                             | 0%   | 51   | 19                | 132        | 49         | 288        | 107        | 409        | 152        | 472        | 175        | 523        | 194        | 659        | 244        |
| 1233 | Kuna                             | 0%   | 504  | 166               | 510        | 168        | 494        | 169        | 503        | 172        | 492        | 175        | 503        | 179        | 499        | 185        |
| 1234 | Kuna                             | 0%   | 23   | 8                 | 23         | 8          | 23         | 8          | 130        | 45         | 300        | 103        | 528        | 181        | 798        | 272        |
| 1235 | Kuna                             | 0%   | 91   | 33                | 97         | 35         | 97         | 39         | 192        | 77         | 299        | 134        | 469        | 210        | 591        | 300        |
| 1236 | Kuna                             | 0%   | 5  | 1                 | 5          | 1          | 5          | 1          | 5          | 1          | 4          | 1          | 4          | 1          | 8          | 2          |
| 1237 | Kuna                             | 0%   | 89   | 32                | 92         | 33         | 84         | 34         | 154        | 62         | 233        | 107        | 363        | 167        | 443        | 237        |
| 1238 | Kuna                             | 0%   | 152  | 52                | 152        | 52         | 142        | 52         | 159        | 58         | 170        | 67         | 201        | 79         | 217        | 92         |
| 1239 | Kuna                             | 0%   | 49   | 19                | 52         | 20         | 52         | 21         | 54         | 22         | 52         | 22         | 52         | 22         | 50         | 22         |
| 1240 | Kuna                             | 0%   | 36   | 13                | 36         | 13         | 35         | 13         | 35         | 13         | 34         | 13         | 34         | 13         | 32         | 13         |
| 1241 | Kuna                             | 0%   | 55   | 20                | 58         | 21         | 63         | 23         | 66         | 24         | 66         | 24         | 66         | 24         | 66         | 24         |
| 1242 | Kuna                             | 0%   | 2  | 1                 | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 0          |
| 1243 | Kuna                             | 0%   | 24   | 9                 | 27         | 10         | 28         | 11         | 28         | 11         | 27         | 11         | 27         | 11         | 26         | 11         |
| 1244 | Kuna                             | 0%   | 48   | 18                | 51         | 19         | 51         | 20         | 54         | 21         | 52         | 21         | 52         | 21         | 55         | 23         |
| 1245 | Kuna                             | 0%   | 16   | 6                 | 16         | 6          | 15         | 6          | 15         | 6          | 15         | 6          | 15         | 6          | 14         | 6          |
| 1246 | Kuna                             | 0%   | 283  | 79                | 290        | 81         | 271        | 81         | 395        | 118        | 547        | 176        | 790        | 254        | 994        | 346        |
| 1247 | Kuna                             | 0%   | 156  | 41                | 209        | 55         | 246        | 69         | 271        | 76         | 253        | 76         | 253        | 76         | 234        | 76         |
| 1248 | Kuna                             | 0%   | 82   | 24                | 82         | 24         | 76         | 24         | 99         | 31         | 124        | 42         | 165        | 56         | 198        | 73         |
| 1250 | Kuna                             | 0%   | 77   | 27                | 77         | 27         | 91         | 35         | 128        | 49         | 161        | 68         | 218        | 92         | 259        | 122        |
| 1251 | Kuna                             | 0%   | 20   | 5                 | 20         | 5          | 19         | 5          | 19         | 5          | 18         | 5          | 18         | 5          | 17         | 5          |
| 1252 | Kuna                             | 0%   | 96   | 27                | 100        | 28         | 99         | 29         | 99         | 29         | 95         | 29         | 95         | 29         | 91         | 29         |
| 1253 | Kuna                             | 0%   | 19   | 5                 | 19         | 5          | 18         | 5          | 22         | 6          | 24         | 7          | 28         | 8          | 30         | 9          |
| 1254 | Kuna                             | 0%   | 8  | 3                 | 8          | 3          | 8          | 3          | 88         | 35         | 203        | 85         | 362        | 152        | 518        | 231        |
| 1255 | Kuna                             | 0%   | 519  | 160               | 597        | 184        | 641        | 208        | 706        | 229        | 707        | 242        | 745        | 255        | 775        | 281        |
| 1256 | Kuna                             | 0%   | 13   | 7                 | 13         | 7          | 13         | 7          | 26         | 14         | 48         | 25         | 77         | 40         | 111        | 57         |
| 1257 | Kuna                             | 0%   | 143  | 58                | 215        | 87         | 366        | 144        | 430        | 169        | 457        | 174        | 457        | 174        | 511        | 189        |
| 1258 | Kuna                             | 0%   | 33   | 14                | 38         | 16         | 48         | 19         | 75         | 30         | 120        | 45         | 170        | 64         | 244        | 87         |
| 1259 | Kuna                             | 0%   | 606  | 172               | 722        | 205        | 802        | 251        | 872        | 273        | 805        | 281        | 816        | 285        | 773        | 305        |
| 1260 | Kuna                             | 0%   | 470  | 158               | 479        | 161        | 444        | 164        | 554        | 205        | 650        | 267        | 852        | 350        | 972        | 449        |
| 1261 | Kuna                             | 0%   | 33   | 13                | 36         | 14         | 39         | 15         | 58         | 22         | 86         | 32         | 122        | 45         | 173        | 62         |
| 1262 | Kuna                             | 0%   | 30   | 10                | 30         | 10         | 29         | 10         | 32         | 11         | 36         | 13         | 42         | 15         | 46         | 17         |
| 1263 | Kuna                             | 0%   | 23   | 10                | 23         | 10         | 22         | 10         | 29         | 13         | 36         | 17         | 47         | 22         | 57         | 28         |
| 1264 | Kuna                             | 0%   | 542  | 162               | 572        | 171        | 606        | 189        | 711        | 222        | 790        | 258        | 928        | 303        | 1,067      | 365        |
| 1265 | Kuna                             | 0%   | 15   | 6                 | 15         | 6          | 17         | 6          | 74         | 26         | 187        | 58         | 326        | 101        | 542        | 151        |
| 1266 | Kuna                             | 0%   | 25   | 10                | 123        | 49         | 320        | 121        | 339        | 128        | 357        | 128        | 357        | 128        | 355        | 121        |
| 1267 | Kuna                             | 0%   | 32   | 11                | 32         | 11         | 30         | 11         | 39         | 14         | 50         | 19         | 68         | 26         | 85         | 34         |
| 1268 | Kuna                             | 0%   | 932  | 258               | 936        | 259        | 894        | 259        | 894        | 259        | 852        | 259        | 852        | 259        | 810        | 259        |
| 1269 | Kuna                             | 0%   | 13   | 4                 | 13         | 4          | 12         | 4          | 12         | 4          | 14         | 5          | 17         | 6          | 19         | 7          |
| 1270 | Kuna                             | 0%   | 953  | 277               | 953        | 277        | 905        | 277        | 948        | 290        | 960        | 310        | 1,044      | 337        | 1,080      | 369        |
| 1271 | Kuna                             | 0%   | 382  | 115               | 644        | 194        | 932        | 307        | 1,029      | 339        | 1,011      | 368        | 1,105      | 402        | 1,117      | 454        |
| 1272 | Kuna                             | 0%   | 56   | 19                | 62         | 21         | 69         | 25         | 75         | 27         | 69         | 27         | 69         | 27         | 55         | 23         |

Appendix A - Table A5

COMPASS 2040 Communities in Motion 2040 Forecast of Ada County Population and Households by TAZ 2010 - 2040

| TAZ                        | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | COMPASS Forecasted Population and Households |                        |            |            |            |            |            |            |            |            |            |            |            |            |
|----------------------------|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                            |                                  |  | 2010 Census Population                       | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2040       |            |
|                            |                                  |  | Population                                   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 1273                       | Kuna                             | 0%   | 107  | 34                     | 110        | 35         | 107        | 35         | 969        | 318        | 2,242      | 761        | 3,997      | 1,357      | 5,846      | 2,055      |
| 1274                       | Kuna                             | 0%   | 464  | 173                    | 464        | 173        | 455        | 173        | 497        | 189        | 551        | 214        | 638        | 248        | 725        | 288        |
| 1275                       | Kuna                             | 0%   | 155  | 42                     | 155        | 42         | 148        | 42         | 158        | 45         | 167        | 50         | 187        | 56         | 200        | 63         |
| 1276                       | Kuna                             | 0%   | 406  | 124                    | 406        | 124        | 402        | 124        | 402        | 124        | 397        | 124        | 397        | 124        | 393        | 124        |
| 1277                       | Kuna                             | 0%   | 755  | 247                    | 755        | 247        | 706        | 247        | 740        | 259        | 739        | 278        | 806        | 303        | 817        | 332        |
| 1278                       | Kuna                             | 0%   | 328  | 100                    | 331        | 101        | 314        | 101        | 348        | 112        | 378        | 129        | 446        | 152        | 494        | 179        |
| 1279                       | Kuna                             | 0%   | 399  | 137                    | 399        | 137        | 381        | 137        | 387        | 139        | 376        | 142        | 387        | 146        | 380        | 151        |
| 1280                       | Kuna                             | 0%   | 64   | 22                     | 489        | 168        | 1,118      | 440        | 1,474      | 580        | 1,657      | 762        | 2,168      | 997        | 2,337      | 1,293      |
| 1281                       | Kuna                             | 0%   | 68   | 23                     | 71         | 24         | 67         | 24         | 297        | 106        | 622        | 235        | 1,083      | 409        | 1,526      | 612        |
| 1282                       | Southwest Rural                  | 0%   | 102  | 37                     | 132        | 48         | 143        | 54         | 151        | 57         | 145        | 57         | 145        | 57         | 137        | 56         |
| 1283                       | Southwest Rural                  | 0%   | 53   | 15                     | 60         | 17         | 67         | 20         | 74         | 22         | 71         | 22         | 71         | 22         | 52         | 17         |
| 1284                       | Southwest Rural                  | 0%   | 89   | 28                     | 92         | 29         | 98         | 32         | 104        | 34         | 104        | 35         | 104        | 35         | 103        | 36         |
| 1285                       | Southwest Rural                  | 0%   | 9  | 2                      | 9          | 2          | 8          | 2          | 8          | 2          | 7          | 2          | 7          | 2          | 9          | 3          |
| 1286                       | Southwest Rural                  | 0%   | 7  | 2                      | 7          | 2          | 7          | 2          | 7          | 2          | 7          | 2          | 7          | 2          | 7          | 2          |
| 1287                       | Southwest Rural                  | 0%   | 152  | 48                     | 152        | 48         | 147        | 48         | 147        | 48         | 142        | 48         | 142        | 48         | 138        | 48         |
| 1288                       | Southwest Rural                  | 0%   | 118  | 34                     | 118        | 34         | 114        | 34         | 114        | 34         | 110        | 34         | 110        | 34         | 105        | 34         |
| 1289                       | Southwest Rural                  | 0%   | 52   | 16                     | 52         | 16         | 51         | 16         | 51         | 16         | 50         | 16         | 50         | 16         | 49         | 16         |
| 1290                       | Southwest Rural                  | 0%   | 7  | 3                      | 7          | 3          | 6          | 3          | 6          | 3          | 5          | 3          | 7          | 4          | 7          | 5          |
| 1291                       | Southwest Rural                  | 0%   | 6  | 3                      | 6          | 3          | 5          | 3          | 5          | 3          | 5          | 3          | 5          | 3          | 6          | 4          |
| 1292                       | Southwest Rural                  | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1293                       | Southwest Rural                  | 0%   | 32   | 12                     | 35         | 13         | 33         | 13         | 33         | 13         | 31         | 13         | 31         | 13         | 32         | 14         |
| 1294                       | Southwest Rural                  | 0%   | 61   | 18                     | 64         | 19         | 68         | 22         | 75         | 24         | 68         | 24         | 68         | 24         | 64         | 25         |
| 1295                       | Southwest Rural                  | 0%   | 182  | 51                     | 225        | 63         | 280        | 84         | 317        | 95         | 295        | 95         | 295        | 95         | 275        | 96         |
| 1296                       | Southwest Rural                  | 0%   | 5  | 2                      | 5          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 5          | 3          |
| 1297                       | Southwest Rural                  | 0%   | 44   | 13                     | 44         | 13         | 42         | 13         | 42         | 13         | 40         | 13         | 40         | 13         | 41         | 14         |
| 1298                       | Southwest Rural                  | 0%   | 27   | 12                     | 27         | 12         | 28         | 12         | 28         | 12         | 29         | 12         | 29         | 12         | 33         | 13         |
| 1299                       | Southwest Rural                  | 0%   | 42   | 20                     | 53         | 25         | 74         | 34         | 76         | 35         | 81         | 36         | 83         | 37         | 91         | 39         |
| 1300                       | Southeast Rural                  | 0%   | 10   | 2                      | 15         | 3          | 14         | 3          | 14         | 3          | 13         | 3          | 13         | 3          | 11         | 3          |
| 1301                       | Southeast Rural                  | 0%   | 9  | 3                      | 9          | 3          | 9          | 3          | 9          | 3          | 9          | 3          | 9          | 3          | 9          | 3          |
| 1302                       | Southeast Rural                  | 0%   | 6  | 3                      | 14         | 7          | 28         | 14         | 36         | 18         | 36         | 18         | 36         | 18         | 34         | 17         |
| 1303                       | Southeast Rural                  | 0%   | 12   | 5                      | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          | 12         | 5          |
| 1304                       | Southeast Rural                  | 0%   | 21   | 9                      | 21         | 9          | 20         | 9          | 20         | 9          | 20         | 9          | 20         | 9          | 19         | 9          |
| 1305                       | Southeast Rural                  | 0%   | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 1306                       | Southeast Rural                  | 0%   | 5  | 2                      | 5          | 2          | 5          | 2          | 5          | 2          | 5          | 2          | 7          | 3          | 10         | 4          |
| 1307                       | Southeast Rural                  | 0%   | 27   | 8                      | 44         | 13         | 78         | 23         | 95         | 28         | 95         | 28         | 95         | 28         | 98         | 29         |
| 1308                       | Southeast Rural                  | 0%   | 16   | 6                      | 45         | 17         | 97         | 38         | 124        | 49         | 118        | 49         | 118        | 49         | 110        | 48         |
| 1309                       | Southeast Rural                  | 0%   | 1  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3          | 1          | 5          | 2          |
| 1310                       | Southeast Rural                  | 0%   | 9  | 3                      | 12         | 4          | 12         | 4          | 12         | 4          | 12         | 4          | 12         | 4          | 12         | 4          |
| 1311                       | Southeast Rural                  | 0%   | 19   | 11                     | 19         | 11         | 18         | 11         | 18         | 11         | 18         | 12         | 19         | 13         | 19         | 14         |
| Total - Ada County         |                                  |  | 391,758                                      | 148,062                | 419,911    | 157,657    | 448,271    | 171,008    | 493,221    | 188,132    | 535,471    | 209,799    | 606,089    | 238,126    | 674,144    | 272,724    |
| Total - Suez Planning Area |                                  |  | 238,704                                      | 96,250                 | 248,387    | 99,886     | 255,511    | 104,646    | 273,554    | 112,217    | 289,870    | 121,978    | 318,752    | 134,731    | 346,269    | 150,389    |

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**Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**

**Master Water Plan 2015-2065**

**Water Demand Forecasts  
for the Years 2012 to 2065**

**Table A6**  
**Forecasted Population and Households**  
**within Suez's Planning Area by TAZ**  
**in 5 Year Increments for the Years 2010 to 2065**

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Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010   |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Census Population  | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 180 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 181 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 182 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 183 | Airport                          | 100%                                       | 16   | 11         | 16         | 11         | 18         | 11         | 18         | 11         | 21         | 11         | 21         |            |
| 184 | Airport                          | 100%                                       | 7  | 3          | 7          | 3          | 6          | 3          | 6          | 3          | 6          | 3          | 6          |            |
| 185 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 186 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 187 | Airport                          | 100%                                       | 4  | 1          | 4          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          |            |
| 188 | Airport                          | 100%                                       | 9  | 4          | 9          | 4          | 8          | 4          | 8          | 4          | 7          | 4          | 7          |            |
| 189 | Airport                          | 100%                                       | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          |            |
| 190 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 191 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 192 | Airport                          | 100%                                       | 2  | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          |            |
| 193 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 194 | Airport                          | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          |            |
| 195 | Airport                          | 100%                                       | 138  | 54         | 143        | 56         | 138        | 57         | 138        | 57         | 129        | 57         | 129        |            |
| 196 | Airport                          | 100%                                       | 344  | 133        | 349        | 135        | 333        | 135        | 343        | 139        | 342        | 146        | 364        |            |
| 197 | Airport                          | 100%                                       | 21   | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         |            |
| 198 | Airport                          | 100%                                       | 2  | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          |            |
| 199 | Airport                          | 100%                                       | 2  | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          |            |
| 215 | Airport                          | 100%                                       | 16   | 5          | 16         | 5          | 16         | 5          | 16         | 5          | 16         | 5          | 16         |            |
| 216 | Airport                          | 100%                                       | 9  | 4          | 9          | 4          | 9          | 4          | 9          | 4          | 12         | 5          | 15         |            |
| 217 | Airport                          | 100%                                       | 8  | 5          | 10         | 6          | 9          | 6          | 9          | 6          | 9          | 6          | 9          |            |
| 245 | Airport                          | 100%                                       | 300  | 113        | 305        | 115        | 310        | 119        | 321        | 123        | 319        | 125        | 324        |            |
| 247 | Airport                          | 100%                                       | 8  | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          |            |
| 249 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 250 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 280 | Airport                          | 100%                                       | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          |            |
| 169 | Blacks Creek Rural               | 100%                                       | 1  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 170 | Blacks Creek Rural               | 100%                                       | 1  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 171 | Blacks Creek Rural               | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 172 | Blacks Creek Rural               | 15%  | 1  | 0          | 1          | 0          | 1          | 0          | 1          | 0          | 1          | 0          | 1          |            |
| 175 | Blacks Creek Rural               | 100%                                       | 4  | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          | 2          | 4          |            |
| 176 | Blacks Creek Rural               | 15%  | 1  | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 611 | Boise Foothills                  | 100%                                       | 204  | 74         | 207        | 75         | 203        | 75         | 231        | 85         | 267        | 100        | 319        |            |
| 612 | Boise Foothills                  | 100%                                       | 758  | 343        | 771        | 349        | 803        | 358        | 821        | 366        | 844        | 370        | 852        |            |
| 613 | Boise Foothills                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 614 | Boise Foothills                  | 100%                                       | 10   | 3          | 17         | 5          | 27         | 9          | 35         | 12         | 36         | 14         | 41         |            |
| 615 | Boise Foothills                  | 100%                                       | 229  | 95         | 236        | 98         | 240        | 101        | 245        | 103        | 241        | 103        | 240        |            |
| 616 | Boise Foothills                  | 100%                                       | 154  | 67         | 161        | 70         | 175        | 75         | 182        | 78         | 185        | 78         | 185        |            |
| 617 | Boise Foothills                  | 80%  | 148  | 80         | 218        | 118        | 370        | 174        | 386        | 181        | 436        | 180        | 436        |            |
| 618 | Boise Foothills                  | 100%                                       | 126  | 46         | 129        | 47         | 146        | 50         | 149        | 51         | 158        | 51         | 158        |            |
| 619 | Boise Foothills                  | 100%                                       | 517  | 216        | 527        | 220        | 529        | 225        | 548        | 233        | 555        | 241        | 578        |            |
| 620 | Boise Foothills                  | 100%                                       | 410  | 118        | 413        | 119        | 375        | 119        | 379        | 120        | 342        | 121        | 348        |            |
| 621 | Boise Foothills                  | 100%                                       | 1,148  | 482        | 1,158      | 486        | 1,148      | 494        | 1,157      | 498        | 1,126      | 497        | 1,125      |            |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  |  |                        | Population | Households |
| 622 | Boise Foothills                  | 70%  | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 623 | Boise Foothills                  | 80%  | 883  | 330                    | 950        | 354        | 1,046      | 391        | 1,127      | 422        | 1,198      | 449        | 1,284      | 481        |
| 624 | Boise Foothills                  | 100%                                       | 42   | 15                     | 48         | 17         | 48         | 17         | 51         | 18         | 54         | 19         | 57         | 20         |
| 625 | Boise Foothills                  | 40%  | 117  | 41                     | 123        | 43         | 126        | 45         | 128        | 46         | 125        | 46         | 125        | 45         |
| 626 | Boise Foothills                  | 40%  | 329  | 124                    | 331        | 125        | 327        | 126        | 334        | 129        | 334        | 132        | 343        | 136        |
| 627 | Boise Foothills                  | 100%                                       | 1,813  | 796                    | 1,900      | 834        | 1,989      | 892        | 2,062      | 925        | 2,053      | 941        | 2,085      | 956        |
| 628 | Boise Foothills                  | 80%  | 305  | 113                    | 307        | 114        | 302        | 114        | 313        | 118        | 319        | 124        | 338        | 131        |
| 629 | Boise Foothills                  | 100%                                       | 925  | 459                    | 929        | 461        | 903        | 464        | 921        | 473        | 907        | 483        | 933        | 497        |
| 630 | Boise Foothills                  | 100%                                       | 373  | 31                     | 373        | 31         | 372        | 31         | 372        | 31         | 371        | 31         | 371        | 31         |
| 583 | Boise Northwest                  | 100%                                       | 1,081  | 561                    | 1,083      | 562        | 1,050      | 564        | 1,080      | 580        | 1,084      | 603        | 1,141      | 635        |
| 584 | Boise Northwest                  | 50%  | 201  | 79                     | 215        | 84         | 243        | 95         | 264        | 104        | 276        | 108        | 287        | 113        |
| 585 | Boise Northwest                  | 100%                                       | 342  | 138                    | 416        | 168        | 516        | 217        | 859        | 361        | 1,244      | 546        | 1,789      | 785        |
| 586 | Boise Northwest                  | 100%                                       | 25   | 10                     | 28         | 11         | 30         | 12         | 30         | 12         | 31         | 12         | 31         | 12         |
| 587 | Boise Northwest                  | 70%  | 397  | 154                    | 435        | 169        | 473        | 197        | 686        | 286        | 896        | 402        | 1,233      | 553        |
| 588 | Boise Northwest                  | 100%                                       | 1,332  | 516                    | 1,389      | 538        | 1,519      | 579        | 1,650      | 629        | 1,796      | 674        | 1,937      | 727        |
| 589 | Boise Northwest                  | 100%                                       | 225  | 96                     | 227        | 97         | 222        | 97         | 225        | 98         | 222        | 99         | 223        | 100        |
| 590 | Boise Northwest                  | 100%                                       | 111  | 61                     | 131        | 72         | 400        | 180        | 416        | 187        | 432        | 194        | 449        | 202        |
| 591 | Boise Northwest                  | 100%                                       | 23   | 8                      | 26         | 9          | 23         | 9          | 196        | 76         | 410        | 180        | 729        | 319        |
| 592 | Boise Northwest                  | 100%                                       | 134  | 51                     | 137        | 52         | 300        | 130        | 312        | 135        | 324        | 140        | 337        | 146        |
| 593 | Boise Northwest                  | 100%                                       | 340  | 133                    | 340        | 133        | 331        | 133        | 331        | 133        | 321        | 133        | 321        | 133        |
| 594 | Boise Northwest                  | 100%                                       | 870  | 386                    | 926        | 411        | 945        | 417        | 990        | 437        | 1,054      | 463        | 1,133      | 498        |
| 595 | Boise Northwest                  | 100%                                       | 372  | 165                    | 381        | 169        | 396        | 176        | 405        | 180        | 404        | 180        | 404        | 180        |
| 596 | Boise Northwest                  | 100%                                       | 281  | 122                    | 293        | 127        | 330        | 137        | 332        | 138        | 346        | 138        | 346        | 138        |
| 597 | Boise Northwest                  | 100%                                       | 472  | 240                    | 474        | 241        | 466        | 242        | 524        | 272        | 598        | 317        | 714        | 379        |
| 598 | Boise Northwest                  | 100%                                       | 348  | 148                    | 355        | 151        | 348        | 151        | 348        | 151        | 339        | 151        | 339        | 151        |
| 599 | Boise Northwest                  | 100%                                       | 43   | 19                     | 43         | 19         | 42         | 19         | 42         | 19         | 44         | 20         | 46         | 21         |
| 600 | Boise Northwest                  | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 601 | Boise Northwest                  | 100%                                       | 1,230  | 505                    | 1,232      | 506        | 1,226      | 507        | 1,229      | 508        | 1,218      | 507        | 1,217      | 507        |
| 602 | Boise Northwest                  | 100%                                       | 972  | 435                    | 981        | 439        | 996        | 446        | 1,012      | 453        | 1,022      | 458        | 1,038      | 465        |
| 603 | Boise Northwest                  | 100%                                       | 1,276  | 548                    | 1,285      | 552        | 1,256      | 554        | 1,342      | 592        | 1,432      | 649        | 1,603      | 726        |
| 604 | Boise Northwest                  | 100%                                       | 137  | 76                     | 137        | 76         | 139        | 76         | 166        | 91         | 210        | 114        | 266        | 145        |
| 605 | Boise Northwest                  | 100%                                       | 423  | 216                    | 423        | 216        | 420        | 216        | 531        | 273        | 698        | 361        | 927        | 480        |
| 606 | Boise Northwest                  | 100%                                       | 768  | 328                    | 770        | 329        | 760        | 332        | 785        | 343        | 802        | 358        | 848        | 379        |
| 607 | Boise Northwest                  | 100%                                       | 890  | 383                    | 892        | 384        | 886        | 385        | 890        | 387        | 884        | 388        | 891        | 391        |
| 608 | Boise Northwest                  | 100%                                       | 534  | 241                    | 547        | 247        | 574        | 258        | 590        | 265        | 593        | 266        | 593        | 265        |
| 609 | Boise Northwest                  | 100%                                       | 823  | 340                    | 828        | 342        | 827        | 346        | 837        | 350        | 831        | 351        | 834        | 353        |
| 610 | Boise Northwest                  | 100%                                       | 238  | 95                     | 266        | 106        | 271        | 109        | 276        | 111        | 273        | 111        | 272        | 111        |
| 326 | Central Bench                    | 100%                                       | 935  | 0                      | 935        | 0          | 935        | 0          | 935        | 0          | 933        | 0          | 933        | 0          |
| 327 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 328 | Central Bench                    | 100%                                       | 932  | 414                    | 934        | 415        | 903        | 417        | 921        | 425        | 906        | 435        | 935        | 449        |
| 329 | Central Bench                    | 100%                                       | 538  | 307                    | 538        | 307        | 512        | 307        | 524        | 314        | 514        | 324        | 536        | 338        |
| 330 | Central Bench                    | 100%                                       | 91   | 79                     | 91         | 79         | 100        | 79         | 110        | 87         | 138        | 100        | 161        | 117        |
| 331 | Central Bench                    | 100%                                       | 2,533  | 1,081                  | 2,549      | 1,088      | 2,466      | 1,093      | 2,689      | 1,192      | 2,907      | 1,341      | 3,344      | 1,543      |
| 332 | Central Bench                    | 100%                                       | 720  | 304                    | 732        | 309        | 729        | 317        | 747        | 325        | 735        | 329        | 745        | 334        |
| 333 | Central Bench                    | 100%                                       | 729  | 325                    | 742        | 331        | 755        | 340        | 766        | 345        | 757        | 344        | 756        | 344        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  |  |                        | Population | Households |
| 334 | Central Bench                    | 100%                                       | 374  | 157                    | 376        | 158        | 365        | 161        | 512        | 226        | 698        | 324        | 983        | 457        |
| 335 | Central Bench                    | 100%                                       | 86   | 44                     | 86         | 44         | 82         | 44         | 92         | 49         | 102        | 57         | 122        | 68         |
| 336 | Central Bench                    | 100%                                       | 178  | 32                     | 181        | 33         | 192        | 33         | 195        | 34         | 211        | 35         | 214        | 36         |
| 337 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 338 | Central Bench                    | 100%                                       | 2  | 2                      | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          |
| 339 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 340 | Central Bench                    | 100%                                       | 616  | 234                    | 616        | 234        | 573        | 234        | 870        | 355        | 1,232      | 543        | 1,809      | 797        |
| 341 | Central Bench                    | 100%                                       | 1,544  | 652                    | 1,546      | 653        | 1,502      | 653        | 1,520      | 661        | 1,499      | 672        | 1,533      | 687        |
| 342 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 343 | Central Bench                    | 100%                                       | 3  | 2                      | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          |
| 344 | Central Bench                    | 100%                                       | 324  | 167                    | 324        | 167        | 322        | 167        | 415        | 217        | 568        | 296        | 770        | 401        |
| 345 | Central Bench                    | 100%                                       | 267  | 138                    | 267        | 138        | 260        | 138        | 263        | 140        | 260        | 142        | 264        | 145        |
| 346 | Central Bench                    | 100%                                       | 258  | 117                    | 260        | 118        | 253        | 118        | 255        | 119        | 252        | 121        | 258        | 124        |
| 347 | Central Bench                    | 100%                                       | 222  | 99                     | 224        | 100        | 228        | 103        | 233        | 105        | 233        | 106        | 234        | 107        |
| 348 | Central Bench                    | 100%                                       | 233  | 101                    | 235        | 102        | 233        | 103        | 237        | 105        | 235        | 106        | 236        | 107        |
| 349 | Central Bench                    | 100%                                       | 349  | 168                    | 353        | 170        | 353        | 173        | 402        | 197        | 463        | 232        | 557        | 278        |
| 350 | Central Bench                    | 100%                                       | 749  | 352                    | 755        | 355        | 751        | 360        | 764        | 366        | 758        | 370        | 767        | 375        |
| 351 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 352 | Central Bench                    | 100%                                       | 557  | 415                    | 558        | 416        | 574        | 417        | 745        | 541        | 1,036      | 735        | 1,405      | 996        |
| 353 | Central Bench                    | 100%                                       | 279  | 121                    | 281        | 122        | 277        | 123        | 280        | 124        | 278        | 126        | 281        | 128        |
| 354 | Central Bench                    | 100%                                       | 276  | 144                    | 276        | 144        | 276        | 144        | 297        | 155        | 328        | 172        | 372        | 195        |
| 355 | Central Bench                    | 100%                                       | 342  | 185                    | 346        | 187        | 348        | 191        | 352        | 193        | 346        | 193        | 346        | 193        |
| 356 | Central Bench                    | 100%                                       | 214  | 100                    | 218        | 102        | 215        | 104        | 221        | 107        | 224        | 112        | 237        | 119        |
| 357 | Central Bench                    | 100%                                       | 39   | 19                     | 43         | 21         | 43         | 21         | 43         | 21         | 42         | 21         | 42         | 21         |
| 358 | Central Bench                    | 100%                                       | 385  | 169                    | 387        | 170        | 383        | 172        | 390        | 175        | 387        | 178        | 393        | 181        |
| 359 | Central Bench                    | 100%                                       | 577  | 241                    | 579        | 242        | 553        | 244        | 569        | 251        | 557        | 261        | 585        | 273        |
| 360 | Central Bench                    | 100%                                       | 218  | 106                    | 220        | 107        | 224        | 110        | 228        | 112        | 227        | 113        | 228        | 114        |
| 361 | Central Bench                    | 100%                                       | 375  | 169                    | 375        | 169        | 365        | 170        | 371        | 173        | 366        | 177        | 376        | 182        |
| 362 | Central Bench                    | 100%                                       | 564  | 265                    | 573        | 269        | 571        | 277        | 588        | 285        | 578        | 290        | 590        | 295        |
| 363 | Central Bench                    | 100%                                       | 462  | 216                    | 464        | 217        | 453        | 218        | 459        | 221        | 452        | 225        | 463        | 229        |
| 364 | Central Bench                    | 100%                                       | 344  | 138                    | 344        | 138        | 338        | 138        | 340        | 139        | 337        | 141        | 342        | 143        |
| 365 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 366 | Central Bench                    | 100%                                       | 414  | 208                    | 416        | 209        | 409        | 209        | 413        | 211        | 410        | 214        | 418        | 218        |
| 367 | Central Bench                    | 100%                                       | 3  | 2                      | 3          | 2          | 3          | 2          | 50         | 30         | 135        | 74         | 241        | 133        |
| 368 | Central Bench                    | 100%                                       | 308  | 163                    | 308        | 163        | 303        | 163        | 305        | 164        | 302        | 165        | 305        | 167        |
| 369 | Central Bench                    | 100%                                       | 926  | 390                    | 950        | 400        | 986        | 420        | 1,012      | 431        | 1,004      | 432        | 1,004      | 432        |
| 370 | Central Bench                    | 100%                                       | 65   | 32                     | 65         | 32         | 59         | 32         | 94         | 51         | 135        | 81         | 203        | 122        |
| 371 | Central Bench                    | 100%                                       | 301  | 146                    | 326        | 158        | 414        | 170        | 507        | 208        | 725        | 258        | 907        | 322        |
| 372 | Central Bench                    | 100%                                       | 432  | 158                    | 432        | 158        | 416        | 158        | 424        | 161        | 417        | 165        | 430        | 170        |
| 373 | Central Bench                    | 100%                                       | 148  | 84                     | 148        | 84         | 145        | 84         | 188        | 109        | 249        | 147        | 334        | 198        |
| 374 | Central Bench                    | 100%                                       | 1,268  | 501                    | 1,268      | 501        | 1,215      | 501        | 1,237      | 510        | 1,216      | 524        | 1,261      | 544        |
| 375 | Central Bench                    | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 376 | Central Bench                    | 100%                                       | 2,085  | 816                    | 2,090      | 818        | 2,062      | 821        | 2,080      | 828        | 2,062      | 836        | 2,088      | 846        |
| 377 | Central Bench                    | 100%                                       | 621  | 282                    | 625        | 284        | 619        | 287        | 634        | 294        | 638        | 302        | 660        | 313        |
| 378 | Central Bench                    | 100%                                       | 592  | 256                    | 594        | 257        | 573        | 257        | 581        | 261        | 571        | 267        | 590        | 275        |
| 379 | Central Bench                    | 100%                                       | 509  | 227                    | 511        | 228        | 506        | 229        | 508        | 230        | 499        | 230        | 499        | 229        |
| 380 | Central Bench                    | 100%                                       | 345  | 163                    | 347        | 164        | 336        | 164        | 338        | 165        | 328        | 166        | 332        | 168        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 381 | Central Bench                    | 100%                                       | 182  | 72                     | 187        | 74         | 194        | 77         | 199        | 79         | 198        | 79         | 198        | 79         |
| 382 | Central Bench                    | 100%                                       | 262  | 119                    | 264        | 120        | 261        | 120        | 263        | 121        | 262        | 122        | 263        | 123        |
| 383 | Central Bench                    | 100%                                       | 176  | 77                     | 178        | 78         | 174        | 78         | 176        | 79         | 173        | 80         | 177        | 82         |
| 384 | Central Bench                    | 100%                                       | 125  | 50                     | 128        | 51         | 126        | 53         | 131        | 55         | 129        | 57         | 133        | 59         |
| 385 | Central Bench                    | 100%                                       | 299  | 128                    | 301        | 129        | 299        | 130        | 317        | 138        | 338        | 150        | 374        | 166        |
| 386 | Central Bench                    | 100%                                       | 290  | 124                    | 292        | 125        | 284        | 126        | 288        | 128        | 284        | 131        | 291        | 135        |
| 387 | Central Bench                    | 100%                                       | 253  | 106                    | 255        | 107        | 244        | 108        | 260        | 115        | 265        | 124        | 290        | 136        |
| 388 | Central Bench                    | 100%                                       | 389  | 177                    | 391        | 178        | 379        | 179        | 386        | 182        | 378        | 186        | 391        | 192        |
| 389 | Central Bench                    | 100%                                       | 250  | 123                    | 252        | 124        | 254        | 125        | 284        | 140        | 329        | 163        | 394        | 195        |
| 390 | Central Bench                    | 100%                                       | 11   | 6                      | 11         | 6          | 10         | 6          | 10         | 6          | 10         | 6          | 10         | 6          |
| 391 | Central Bench                    | 100%                                       | 150  | 84                     | 152        | 85         | 156        | 86         | 259        | 143        | 425        | 232        | 645        | 351        |
| 392 | Central Bench                    | 100%                                       | 224  | 109                    | 226        | 110        | 225        | 111        | 331        | 163        | 486        | 243        | 700        | 349        |
| 393 | Central Bench                    | 100%                                       | 2  | 1                      | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| 394 | Central Bench                    | 100%                                       | 627  | 261                    | 629        | 262        | 617        | 262        | 622        | 264        | 616        | 267        | 625        | 270        |
| 395 | Central Bench                    | 100%                                       | 738  | 361                    | 742        | 363        | 728        | 367        | 750        | 378        | 752        | 391        | 786        | 409        |
| 396 | Central Bench                    | 100%                                       | 881  | 355                    | 883        | 356        | 879        | 359        | 886        | 362        | 880        | 364        | 887        | 367        |
| 397 | Central Bench                    | 100%                                       | 655  | 330                    | 655        | 330        | 642        | 330        | 648        | 333        | 641        | 336        | 650        | 341        |
| 398 | Central Bench                    | 100%                                       | 880  | 366                    | 918        | 382        | 963        | 411        | 1,235      | 527        | 1,593      | 698        | 2,113      | 926        |
| 399 | Central Bench                    | 100%                                       | 10   | 4                      | 10         | 4          | 10         | 4          | 10         | 4          | 10         | 4          | 10         | 4          |
| 400 | Central Bench                    | 100%                                       | 1,178  | 507                    | 1,194      | 514        | 1,164      | 521        | 1,401      | 627        | 1,685      | 786        | 2,142      | 999        |
| 401 | Central Bench                    | 100%                                       | 1,108  | 482                    | 1,115      | 485        | 1,077      | 488        | 1,221      | 553        | 1,378      | 651        | 1,658      | 783        |
| 402 | Central Bench                    | 100%                                       | 895  | 409                    | 899        | 411        | 882        | 415        | 1,041      | 490        | 1,245      | 604        | 1,561      | 757        |
| 403 | Central Bench                    | 100%                                       | 1,107  | 464                    | 1,109      | 465        | 1,092      | 467        | 1,104      | 472        | 1,094      | 477        | 1,109      | 484        |
| 404 | Central Bench                    | 100%                                       | 141  | 82                     | 141        | 82         | 135        | 82         | 138        | 84         | 136        | 87         | 141        | 90         |
| 405 | Central Bench                    | 100%                                       | 797  | 326                    | 802        | 328        | 785        | 331        | 811        | 342        | 816        | 355        | 857        | 373        |
| 406 | Central Bench                    | 100%                                       | 341  | 155                    | 345        | 157        | 340        | 160        | 428        | 201        | 539        | 263        | 707        | 344        |
| 407 | Central Bench                    | 100%                                       | 286  | 113                    | 286        | 113        | 277        | 113        | 279        | 114        | 272        | 115        | 276        | 117        |
| 408 | Central Bench                    | 100%                                       | 416  | 176                    | 425        | 180        | 426        | 188        | 492        | 217        | 552        | 255        | 659        | 304        |
| 409 | Central Bench                    | 100%                                       | 677  | 267                    | 685        | 270        | 677        | 273        | 687        | 277        | 681        | 281        | 690        | 284        |
| 410 | Central Bench                    | 100%                                       | 1,717  | 692                    | 1,719      | 693        | 1,661      | 695        | 1,690      | 707        | 1,662      | 723        | 1,714      | 745        |
| 1   | Downtown Boise                   | 100%                                       | 17   | 8                      | 17         | 8          | 17         | 8          | 17         | 8          | 16         | 8          | 16         | 8          |
| 2   | Downtown Boise                   | 100%                                       | 3  | 2                      | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          |
| 3   | Downtown Boise                   | 100%                                       | 1  | 1                      | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| 4   | Downtown Boise                   | 100%                                       | 59   | 49                     | 59         | 49         | 63         | 49         | 64         | 50         | 70         | 51         | 71         | 52         |
| 5   | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 6   | Downtown Boise                   | 100%                                       | 172  | 128                    | 172        | 128        | 176        | 128        | 180        | 131        | 190        | 135        | 199        | 141        |
| 7   | Downtown Boise                   | 100%                                       | 18   | 12                     | 18         | 12         | 18         | 12         | 18         | 12         | 17         | 12         | 17         | 12         |
| 8   | Downtown Boise                   | 100%                                       | 70   | 45                     | 72         | 46         | 68         | 46         | 74         | 50         | 79         | 56         | 90         | 64         |
| 9   | Downtown Boise                   | 100%                                       | 65   | 53                     | 64         | 52         | 67         | 52         | 69         | 53         | 75         | 55         | 79         | 58         |
| 10  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 11  | Downtown Boise                   | 100%                                       | 153  | 103                    | 153        | 103        | 148        | 103        | 151        | 105        | 149        | 108        | 155        | 112        |
| 12  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 13  | Downtown Boise                   | 100%                                       | 71   | 49                     | 77         | 53         | 75         | 53         | 75         | 53         | 73         | 53         | 73         | 53         |
| 14  | Downtown Boise                   | 100%                                       | 168  | 92                     | 168        | 92         | 156        | 92         | 161        | 95         | 156        | 99         | 165        | 105        |
| 15  | Downtown Boise                   | 100%                                       | 109  | 84                     | 109        | 84         | 110        | 84         | 111        | 85         | 113        | 86         | 115        | 87         |
| 16  | Downtown Boise                   | 100%                                       | 136  | 75                     | 140        | 77         | 141        | 77         | 161        | 88         | 195        | 105        | 237        | 128        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  |  |                        | Population | Households |
| 17  | Downtown Boise                   | 100%                                       | 83   | 60                     | 83         | 60         | 82         | 60         | 96         | 70         | 115        | 85         | 142        | 105        |
| 18  | Downtown Boise                   | 100%                                       | 274  | 186                    | 275        | 187        | 267        | 187        | 274        | 192        | 276        | 200        | 290        | 211        |
| 19  | Downtown Boise                   | 100%                                       | 109  | 11                     | 109        | 11         | 107        | 11         | 140        | 24         | 186        | 45         | 250        | 73         |
| 20  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 21  | Downtown Boise                   | 100%                                       | 4  | 4                      | 4          | 4          | 4          | 4          | 4          | 5          | 4          | 5          | 4          | 4          |
| 22  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 23  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 24  | Downtown Boise                   | 100%                                       | 57   | 46                     | 57         | 46         | 60         | 46         | 60         | 46         | 64         | 46         | 65         | 47         |
| 25  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 26  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 27  | Downtown Boise                   | 100%                                       | 53   | 41                     | 53         | 41         | 54         | 41         | 61         | 47         | 74         | 56         | 90         | 68         |
| 28  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 29  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 30  | Downtown Boise                   | 100%                                       | 9  | 7                      | 9          | 7          | 10         | 7          | 10         | 7          | 10         | 7          | 12         | 8          |
| 31  | Downtown Boise                   | 100%                                       | 120  | 89                     | 120        | 89         | 119        | 89         | 123        | 92         | 128        | 96         | 135        | 101        |
| 32  | Downtown Boise                   | 100%                                       | 9  | 6                      | 9          | 6          | 9          | 6          | 9          | 6          | 9          | 6          | 9          | 6          |
| 33  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 34  | Downtown Boise                   | 100%                                       | 8  | 5                      | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          | 8          | 5          |
| 35  | Downtown Boise                   | 100%                                       | 17   | 12                     | 17         | 12         | 17         | 12         | 19         | 14         | 24         | 18         | 31         | 23         |
| 36  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 37  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 38  | Downtown Boise                   | 100%                                       | 15   | 11                     | 15         | 11         | 15         | 11         | 18         | 13         | 21         | 16         | 27         | 20         |
| 39  | Downtown Boise                   | 100%                                       | 69   | 52                     | 69         | 52         | 71         | 52         | 72         | 53         | 77         | 55         | 81         | 58         |
| 40  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 41  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 42  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 9          | 6          | 23         | 15         | 41         | 27         |
| 43  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 44  | Downtown Boise                   | 100%                                       | 18   | 10                     | 18         | 10         | 17         | 10         | 18         | 11         | 20         | 13         | 23         | 15         |
| 45  | Downtown Boise                   | 100%                                       | 4  | 1                      | 4          | 1          | 3          | 1          | 3          | 1          | 1          | 1          | 1          | 1          |
| 46  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 47  | Downtown Boise                   | 100%                                       | 2  | 2                      | 2          | 2          | 2          | 2          | 8          | 7          | 20         | 15         | 34         | 26         |
| 48  | Downtown Boise                   | 100%                                       | 18   | 11                     | 16         | 10         | 15         | 10         | 32         | 21         | 56         | 39         | 90         | 63         |
| 49  | Downtown Boise                   | 100%                                       | 3  | 2                      | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          |
| 50  | Downtown Boise                   | 100%                                       | 451  | 295                    | 451        | 295        | 441        | 295        | 445        | 298        | 439        | 301        | 447        | 306        |
| 51  | Downtown Boise                   | 100%                                       | 4  | 4                      | 4          | 4          | 5          | 4          | 15         | 14         | 50         | 30         | 87         | 52         |
| 52  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 53  | Downtown Boise                   | 100%                                       | 2  | 1                      | 0          | 0          | 0          | 0          | 60         | 33         | 137        | 84         | 248        | 153        |
| 54  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 55  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 38         | 25         | 95         | 63         | 172        | 114        |
| 56  | Downtown Boise                   | 100%                                       | 2  | 1                      | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| 57  | Downtown Boise                   | 100%                                       | 413  | 236                    | 502        | 287        | 477        | 288        | 479        | 289        | 451        | 289        | 451        | 288        |
| 58  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 59  | Downtown Boise                   | 100%                                       | 434  | 89                     | 434        | 89         | 460        | 89         | 472        | 93         | 519        | 99         | 546        | 107        |
| 60  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 61  | Downtown Boise                   | 100%                                       | 172  | 0                      | 172        | 0          | 172        | 0          | 172        | 0          | 172        | 0          | 172        | 0          |
| 62  | Downtown Boise                   | 100%                                       | 75   | 56                     | 75         | 56         | 75         | 56         | 75         | 56         | 76         | 57         | 77         | 58         |
| 63  | Downtown Boise                   | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 64  | Downtown Boise                   | 100%                                       | 2  | 2          | 2          | 2          | 2          | 2          | 24         | 21         | 67         | 51         | 120        | 91         |
| 65  | Downtown Boise                   | 100%                                       | 87   | 68         | 87         | 68         | 88         | 68         | 106        | 82         | 137        | 104        | 176        | 134        |
| 66  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 67  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 68  | Downtown Boise                   | 100%                                       | 38   | 23         | 38         | 23         | 36         | 23         | 49         | 31         | 65         | 43         | 89         | 59         |
| 69  | Downtown Boise                   | 100%                                       | 156  | 133        | 156        | 133        | 168        | 133        | 179        | 142        | 210        | 155        | 233        | 173        |
| 70  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 44         | 26         | 119        | 66         | 215        | 120        |
| 71  | Downtown Boise                   | 100%                                       | 3  | 3          | 3          | 3          | 3          | 3          | 3          | 3          | 4          | 3          | 4          | 3          |
| 72  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 73  | Downtown Boise                   | 100%                                       | 2  | 1          | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| 74  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 39         | 24         | 102        | 61         | 183        | 110        |
| 75  | Downtown Boise                   | 100%                                       | 88   | 45         | 90         | 46         | 87         | 47         | 91         | 49         | 91         | 52         | 96         | 55         |
| 697 | Eagle-Floating Feather           | 100%                                       | 337  | 95         | 341        | 96         | 336        | 97         | 339        | 98         | 333        | 99         | 336        | 100        |
| 699 | Eagle-Floating Feather           | 100%                                       | 164  | 44         | 164        | 44         | 163        | 44         | 163        | 44         | 161        | 44         | 161        | 44         |
| 701 | Eagle-Floating Feather           | 100%                                       | 138  | 37         | 142        | 38         | 136        | 38         | 143        | 40         | 147        | 43         | 161        | 47         |
| 703 | Eagle-Floating Feather           | 100%                                       | 53   | 13         | 200        | 49         | 268        | 70         | 321        | 84         | 313        | 88         | 317        | 89         |
| 704 | Eagle-Floating Feather           | 100%                                       | 70   | 24         | 73         | 25         | 75         | 25         | 117        | 39         | 187        | 61         | 279        | 91         |
| 705 | Eagle-Floating Feather           | 100%                                       | 131  | 42         | 143        | 46         | 154        | 50         | 188        | 61         | 228        | 75         | 281        | 93         |
| 708 | Eagle-Floating Feather           | 100%                                       | 178  | 53         | 282        | 84         | 415        | 128        | 487        | 150        | 468        | 150        | 468        | 150        |
| 709 | Eagle-Floating Feather           | 100%                                       | 222  | 66         | 246        | 73         | 274        | 83         | 314        | 95         | 343        | 106        | 385        | 119        |
| 738 | Eagle-Island                     | 100%                                       | 932  | 335        | 946        | 340        | 937        | 350        | 961        | 359        | 936        | 364        | 949        | 369        |
| 751 | Eagle-Island                     | 100%                                       | 111  | 42         | 338        | 128        | 551        | 209        | 630        | 239        | 627        | 239        | 627        | 238        |
| 752 | Eagle-Island                     | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 10         | 5          | 20         | 10         | 40         | 20         |
| 706 | Eagle-South River                | 10%  | 21   | 9          | 22         | 9          | 22         | 10         | 23         | 10         | 22         | 10         | 23         | 10         |
| 744 | Eagle-South River                | 75%  | 663  | 230        | 763        | 264        | 839        | 296        | 935        | 329        | 1,010      | 362        | 1,009      | 361        |
| 745 | Eagle-South River                | 100%                                       | 866  | 280        | 878        | 284        | 897        | 290        | 909        | 294        | 910        | 295        | 910        | 294        |
| 746 | Eagle-South River                | 60%  | 97   | 28         | 105        | 31         | 109        | 35         | 205        | 65         | 310        | 110        | 476        | 168        |
| 747 | Eagle-South River                | 60%  | 25   | 7          | 25         | 7          | 25         | 7          | 25         | 7          | 24         | 7          | 24         | 7          |
| 748 | Eagle-South River                | 100%                                       | 18   | 5          | 18         | 5          | 17         | 5          | 17         | 5          | 16         | 5          | 16         | 5          |
| 749 | Eagle-South River                | 85%  | 749  | 292        | 799        | 311        | 850        | 332        | 882        | 345        | 883        | 347        | 883        | 347        |
| 750 | Eagle-South River                | 50%  | 147  | 46         | 201        | 62         | 253        | 80         | 273        | 86         | 268        | 85         | 268        | 85         |
| 698 | Eagle-State Corridor             | 100%                                       | 846  | 236        | 850        | 237        | 846        | 239        | 853        | 241        | 848        | 243        | 854        | 244        |
| 700 | Eagle-State Corridor             | 100%                                       | 533  | 150        | 647        | 182        | 746        | 215        | 947        | 273        | 1,141      | 337        | 1,411      | 417        |
| 702 | Eagle-State Corridor             | 100%                                       | 75   | 25         | 90         | 30         | 120        | 39         | 272        | 88         | 497        | 157        | 784        | 247        |
| 707 | Eagle-State Corridor             | 50%  | 21   | 7          | 24         | 8          | 27         | 9          | 50         | 17         | 75         | 28         | 114        | 43         |
| 713 | Eagle-State Corridor             | 75%  | 142  | 47         | 176        | 59         | 203        | 66         | 215        | 70         | 219        | 70         | 218        | 70         |
| 714 | Eagle-State Corridor             | 50%  | 52   | 20         | 52         | 20         | 54         | 20         | 54         | 20         | 55         | 20         | 55         | 20         |
| 76  | East End                         | 100%                                       | 599  | 319        | 601        | 320        | 581        | 322        | 583        | 323        | 559        | 322        | 559        | 322        |
| 77  | East End                         | 100%                                       | 634  | 359        | 636        | 360        | 621        | 361        | 629        | 366        | 623        | 372        | 638        | 381        |
| 78  | East End                         | 100%                                       | 516  | 248        | 522        | 251        | 518        | 255        | 529        | 260        | 523        | 264        | 533        | 268        |
| 79  | East End                         | 100%                                       | 2,013  | 777        | 2,070      | 799        | 2,130      | 831        | 2,179      | 850        | 2,161      | 853        | 2,160      | 852        |
| 80  | East End                         | 100%                                       | 316  | 51         | 316        | 51         | 316        | 51         | 344        | 63         | 384        | 81         | 442        | 106        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 81  | East End                         | 100%                                       | 541  | 249                    | 543        | 250        | 532        | 251        | 537        | 253        | 531        | 257        | 541        | 261        |
| 82  | East End                         | 100%                                       | 369  | 146                    | 374        | 148        | 372        | 152        | 380        | 155        | 369        | 156        | 369        | 156        |
| 83  | East End                         | 100%                                       | 48   | 19                     | 48         | 19         | 46         | 19         | 51         | 21         | 56         | 24         | 65         | 28         |
| 84  | East End                         | 100%                                       | 379  | 179                    | 383        | 181        | 381        | 182        | 386        | 184        | 387        | 187        | 393        | 190        |
| 85  | East End                         | 100%                                       | 196  | 119                    | 196        | 119        | 196        | 119        | 196        | 119        | 196        | 119        | 196        | 119        |
| 86  | East End                         | 100%                                       | 780  | 460                    | 780        | 460        | 760        | 460        | 765        | 463        | 751        | 467        | 760        | 473        |
| 87  | East End                         | 100%                                       | 70   | 48                     | 70         | 48         | 69         | 48         | 70         | 49         | 70         | 50         | 72         | 51         |
| 88  | East End                         | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 89  | East End                         | 100%                                       | 101  | 55                     | 101        | 55         | 99         | 55         | 99         | 55         | 98         | 56         | 100        | 57         |
| 90  | East End                         | 100%                                       | 422  | 167                    | 435        | 172        | 388        | 181        | 399        | 186        | 327        | 186        | 327        | 186        |
| 780 | East Foothills                   | 100%                                       | 1  | 0                      | 0          | 0          | 0          | 0          | 116        | 46         | 305        | 117        | 556        | 213        |
| 781 | East Foothills                   | 100%                                       | 6  | 2                      | 6          | 2          | 6          | 2          | 160        | 55         | 391        | 139        | 709        | 251        |
| 785 | East Foothills                   | 100%                                       | 90   | 30                     | 93         | 31         | 90         | 32         | 116        | 41         | 143        | 54         | 191        | 72         |
| 631 | Foothills Rural                  | 40%  | 0  | 0                      | 0          | 0          | 0          | 0          | 1          | 0          | 3          | 1          | 6          | 2          |
| 633 | Foothills Rural                  | 100%                                       | 27   | 10                     | 348        | 129        | 932        | 349        | 1,367      | 512        | 1,946      | 737        | 2,728      | 1,033      |
| 634 | Foothills Rural                  | 100%                                       | 7  | 3                      | 9          | 4          | 10         | 4          | 10         | 4          | 11         | 4          | 11         | 4          |
| 635 | Foothills Rural                  | 100%                                       | 58   | 20                     | 61         | 21         | 71         | 24         | 159        | 54         | 296        | 99         | 476        | 159        |
| 637 | Foothills Rural                  | 100%                                       | 473  | 141                    | 1,134      | 338        | 2,295      | 705        | 2,399      | 737        | 2,321      | 736        | 2,320      | 735        |
| 638 | Foothills Rural                  | 100%                                       | 1,747  | 539                    | 1,867      | 576        | 1,930      | 607        | 2,012      | 633        | 2,019      | 648        | 2,068      | 664        |
| 646 | Foothills Rural                  | 15%  | 2  | 1                      | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          |
| 647 | Foothills Rural                  | 50%  | 10   | 4                      | 15         | 5          | 21         | 7          | 31         | 11         | 43         | 14         | 56         | 19         |
| 648 | Foothills Rural                  | 40%  | 45   | 18                     | 50         | 20         | 61         | 24         | 72         | 28         | 82         | 31         | 91         | 34         |
| 649 | Foothills Rural                  | 85%  | 13   | 5                      | 28         | 11         | 35         | 13         | 37         | 14         | 40         | 14         | 40         | 14         |
| 650 | Foothills Rural                  | 100%                                       | 43   | 16                     | 578        | 215        | 1,522      | 556        | 1,736      | 634        | 1,796      | 644        | 1,795      | 644        |
| 651 | Foothills Rural                  | 50%  | 67   | 23                     | 108        | 37         | 165        | 56         | 196        | 66         | 199        | 67         | 199        | 67         |
| 652 | Foothills Rural                  | 100%                                       | 2  | 1                      | 238        | 119        | 800        | 339        | 1,211      | 513        | 2,054      | 755        | 2,922      | 1,074      |
| 658 | Garden City                      | 100%                                       | 18   | 7                      | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          | 18         | 7          |
| 661 | Garden City                      | 20%  | 9  | 4                      | 10         | 5          | 11         | 5          | 12         | 6          | 13         | 6          | 13         | 6          |
| 692 | Garden City                      | 60%  | 4  | 1                      | 4          | 1          | 4          | 1          | 4          | 1          | 4          | 1          | 4          | 1          |
| 693 | Garden City                      | 50%  | 329  | 178                    | 330        | 179        | 321        | 179        | 334        | 187        | 341        | 197        | 367        | 212        |
| 694 | Garden City                      | 100%                                       | 81   | 43                     | 81         | 43         | 83         | 43         | 150        | 78         | 258        | 132        | 400        | 205        |
| 695 | Garden City                      | 100%                                       | 63   | 33                     | 65         | 34         | 65         | 34         | 69         | 36         | 75         | 39         | 83         | 43         |
| 539 | North End                        | 100%                                       | 856  | 376                    | 861        | 378        | 877        | 382        | 985        | 429        | 1,155      | 499        | 1,374      | 594        |
| 540 | North End                        | 100%                                       | 687  | 311                    | 702        | 318        | 728        | 329        | 741        | 335        | 741        | 334        | 740        | 334        |
| 541 | North End                        | 100%                                       | 645  | 292                    | 645        | 292        | 637        | 295        | 639        | 296        | 623        | 296        | 623        | 295        |
| 542 | North End                        | 100%                                       | 456  | 218                    | 458        | 219        | 455        | 220        | 455        | 220        | 450        | 220        | 450        | 220        |
| 543 | North End                        | 100%                                       | 859  | 327                    | 864        | 329        | 845        | 330        | 856        | 334        | 846        | 338        | 860        | 344        |
| 544 | North End                        | 100%                                       | 396  | 166                    | 398        | 167        | 391        | 168        | 396        | 170        | 392        | 173        | 399        | 176        |
| 545 | North End                        | 100%                                       | 466  | 207                    | 491        | 218        | 507        | 228        | 521        | 234        | 516        | 235        | 516        | 234        |
| 546 | North End                        | 100%                                       | 534  | 255                    | 538        | 257        | 528        | 260        | 542        | 267        | 538        | 274        | 555        | 282        |
| 547 | North End                        | 100%                                       | 395  | 185                    | 397        | 186        | 400        | 189        | 503        | 238        | 653        | 311        | 859        | 410        |
| 548 | North End                        | 100%                                       | 173  | 90                     | 175        | 91         | 175        | 94         | 181        | 97         | 178        | 99         | 182        | 101        |
| 549 | North End                        | 100%                                       | 558  | 259                    | 562        | 261        | 551        | 264        | 559        | 268        | 549        | 272        | 559        | 276        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  |  |                        | Population | Households |
| 550 | North End                        | 100%                                       | 487  | 222                    | 491        | 224        | 482        | 226        | 503        | 236        | 515        | 249        | 550        | 265        |
| 551 | North End                        | 100%                                       | 357  | 162                    | 368        | 167        | 360        | 167        | 362        | 168        | 357        | 170        | 361        | 172        |
| 552 | North End                        | 100%                                       | 347  | 152                    | 347        | 152        | 339        | 152        | 341        | 153        | 337        | 155        | 343        | 158        |
| 553 | North End                        | 100%                                       | 506  | 242                    | 508        | 243        | 495        | 244        | 501        | 247        | 495        | 252        | 509        | 258        |
| 554 | North End                        | 100%                                       | 360  | 172                    | 362        | 173        | 352        | 173        | 356        | 175        | 351        | 178        | 359        | 182        |
| 555 | North End                        | 100%                                       | 157  | 75                     | 157        | 75         | 150        | 75         | 154        | 77         | 150        | 79         | 156        | 82         |
| 556 | North End                        | 100%                                       | 265  | 131                    | 267        | 132        | 267        | 133        | 267        | 133        | 266        | 133        | 267        | 134        |
| 557 | North End                        | 100%                                       | 214  | 117                    | 214        | 117        | 211        | 117        | 212        | 118        | 211        | 119        | 213        | 120        |
| 558 | North End                        | 100%                                       | 736  | 373                    | 738        | 374        | 719        | 375        | 729        | 380        | 720        | 386        | 736        | 395        |
| 559 | North End                        | 100%                                       | 151  | 65                     | 156        | 67         | 152        | 67         | 154        | 68         | 152        | 69         | 155        | 70         |
| 560 | North End                        | 100%                                       | 797  | 425                    | 799        | 426        | 775        | 427        | 786        | 433        | 776        | 441        | 796        | 453        |
| 561 | North End                        | 100%                                       | 855  | 507                    | 858        | 509        | 841        | 510        | 848        | 514        | 837        | 519        | 849        | 527        |
| 562 | North End                        | 100%                                       | 370  | 184                    | 372        | 185        | 364        | 186        | 368        | 188        | 363        | 191        | 371        | 195        |
| 563 | North End                        | 100%                                       | 359  | 166                    | 361        | 167        | 349        | 167        | 354        | 169        | 349        | 173        | 359        | 178        |
| 564 | North End                        | 100%                                       | 681  | 302                    | 683        | 303        | 673        | 304        | 680        | 307        | 675        | 310        | 683        | 314        |
| 565 | North End                        | 100%                                       | 682  | 308                    | 686        | 310        | 672        | 310        | 679        | 313        | 674        | 317        | 688        | 324        |
| 566 | North End                        | 100%                                       | 247  | 101                    | 247        | 101        | 242        | 101        | 242        | 101        | 236        | 101        | 238        | 102        |
| 567 | North End                        | 100%                                       | 336  | 158                    | 334        | 157        | 321        | 157        | 327        | 160        | 322        | 165        | 334        | 171        |
| 568 | North End                        | 100%                                       | 411  | 209                    | 413        | 210        | 405        | 211        | 408        | 213        | 404        | 217        | 414        | 222        |
| 569 | North End                        | 100%                                       | 417  | 208                    | 419        | 209        | 414        | 210        | 462        | 234        | 523        | 270        | 617        | 317        |
| 570 | North End                        | 100%                                       | 528  | 257                    | 528        | 257        | 512        | 257        | 537        | 270        | 560        | 291        | 615        | 319        |
| 571 | North End                        | 100%                                       | 529  | 213                    | 534        | 215        | 516        | 218        | 578        | 244        | 634        | 282        | 746        | 331        |
| 572 | North End                        | 100%                                       | 67   | 34                     | 69         | 35         | 67         | 35         | 73         | 38         | 78         | 42         | 89         | 48         |
| 573 | North End                        | 100%                                       | 409  | 229                    | 411        | 230        | 398        | 231        | 454        | 264        | 522        | 315        | 638        | 385        |
| 574 | North End                        | 100%                                       | 562  | 264                    | 566        | 266        | 556        | 268        | 568        | 274        | 569        | 282        | 591        | 292        |
| 575 | North End                        | 100%                                       | 127  | 63                     | 127        | 63         | 126        | 63         | 202        | 101        | 320        | 161        | 481        | 241        |
| 576 | North End                        | 100%                                       | 594  | 248                    | 596        | 249        | 577        | 252        | 669        | 292        | 770        | 352        | 946        | 433        |
| 837 | North Meridian                   | 50%  | 99   | 31                     | 100        | 31         | 102        | 32         | 110        | 35         | 117        | 37         | 128        | 41         |
| 838 | North Meridian                   | 100%                                       | 130  | 43                     | 333        | 110        | 729        | 235        | 980        | 316        | 1,337      | 420        | 1,768      | 556        |
| 842 | North Meridian                   | 50%  | 25   | 9                      | 216        | 75         | 481        | 161        | 542        | 181        | 586        | 189        | 598        | 193        |
| 845 | North Meridian                   | 50%  | 300  | 93                     | 461        | 143        | 668        | 210        | 706        | 222        | 699        | 223        | 699        | 223        |
| 846 | North Meridian                   | 20%  | 25   | 7                      | 25         | 7          | 25         | 7          | 29         | 9          | 34         | 10         | 43         | 13         |
| 903 | North Meridian                   | 100%                                       | 1,439  | 481                    | 1,442      | 482        | 1,428      | 483        | 1,428      | 483        | 1,409      | 482        | 1,408      | 482        |
| 904 | North Meridian                   | 100%                                       | 1,150  | 410                    | 1,181      | 421        | 1,185      | 431        | 1,213      | 441        | 1,206      | 447        | 1,224      | 454        |
| 91  | Southeast Boise                  | 100%                                       | 156  | 116                    | 157        | 117        | 163        | 117        | 175        | 126        | 201        | 140        | 228        | 159        |
| 92  | Southeast Boise                  | 100%                                       | 177  | 111                    | 177        | 111        | 176        | 111        | 179        | 113        | 182        | 116        | 187        | 119        |
| 93  | Southeast Boise                  | 100%                                       | 351  | 161                    | 355        | 163        | 363        | 167        | 411        | 189        | 477        | 221        | 568        | 262        |
| 94  | Southeast Boise                  | 100%                                       | 408  | 218                    | 410        | 219        | 406        | 219        | 406        | 219        | 401        | 219        | 401        | 219        |
| 95  | Southeast Boise                  | 100%                                       | 471  | 285                    | 473        | 286        | 458        | 286        | 458        | 286        | 442        | 286        | 442        | 285        |
| 96  | Southeast Boise                  | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 97  | Southeast Boise                  | 100%                                       | 664  | 420                    | 664        | 420        | 629        | 420        | 653        | 436        | 649        | 459        | 695        | 492        |
| 98  | Southeast Boise                  | 100%                                       | 284  | 126                    | 286        | 127        | 281        | 127        | 283        | 128        | 281        | 130        | 285        | 132        |
| 99  | Southeast Boise                  | 100%                                       | 496  | 325                    | 496        | 325        | 475        | 325        | 475        | 325        | 453        | 324        | 453        | 324        |
| 100 | Southeast Boise                  | 100%                                       | 466  | 291                    | 466        | 291        | 443        | 291        | 458        | 301        | 454        | 315        | 484        | 336        |
| 101 | Southeast Boise                  | 100%                                       | 395  | 206                    | 397        | 207        | 391        | 209        | 397        | 212        | 392        | 215        | 399        | 219        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            | 2055       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 102 | Southeast Boise                  | 100%                                       | 426  | 269        | 428        | 270        | 413        | 271        | 421        | 276        | 414        | 283        | 428        | 292        |            |            |
| 103 | Southeast Boise                  | 100%                                       | 1,017  | 0          | 1,017      | 0          | 1,017      | 0          | 1,017      | 0          | 1,015      | 0          | 1,015      | 0          |            |            |
| 104 | Southeast Boise                  | 100%                                       | 210  | 118        | 210        | 118        | 203        | 118        | 295        | 171        | 425        | 255        | 613        | 367        |            |            |
| 105 | Southeast Boise                  | 100%                                       | 507  | 242        | 509        | 243        | 490        | 243        | 506        | 251        | 511        | 264        | 543        | 280        |            |            |
| 106 | Southeast Boise                  | 100%                                       | 167  | 81         | 169        | 82         | 170        | 82         | 199        | 96         | 247        | 119        | 311        | 150        |            |            |
| 107 | Southeast Boise                  | 100%                                       | 84   | 53         | 86         | 54         | 86         | 55         | 86         | 55         | 84         | 55         | 84         | 55         |            |            |
| 108 | Southeast Boise                  | 100%                                       | 790  | 425        | 790        | 425        | 757        | 425        | 772        | 433        | 758        | 444        | 784        | 460        |            |            |
| 109 | Southeast Boise                  | 100%                                       | 77   | 46         | 77         | 46         | 79         | 46         | 106        | 62         | 151        | 87         | 209        | 120        |            |            |
| 110 | Southeast Boise                  | 100%                                       | 1,090  | 491        | 1,097      | 494        | 1,067      | 497        | 1,264      | 589        | 1,510      | 729        | 1,899      | 916        |            |            |
| 111 | Southeast Boise                  | 100%                                       | 1,014  | 461        | 1,021      | 464        | 996        | 468        | 1,237      | 581        | 1,548      | 753        | 2,025      | 985        |            |            |
| 112 | Southeast Boise                  | 100%                                       | 621  | 268        | 635        | 274        | 624        | 281        | 837        | 377        | 1,103      | 520        | 1,508      | 711        |            |            |
| 113 | Southeast Boise                  | 100%                                       | 511  | 192        | 516        | 194        | 498        | 197        | 705        | 279        | 964        | 403        | 1,362      | 570        |            |            |
| 114 | Southeast Boise                  | 100%                                       | 768  | 399        | 773        | 341        | 761        | 345        | 774        | 351        | 765        | 356        | 779        | 363        |            |            |
| 115 | Southeast Boise                  | 100%                                       | 858  | 393        | 884        | 405        | 870        | 406        | 876        | 409        | 865        | 412        | 876        | 417        |            |            |
| 116 | Southeast Boise                  | 100%                                       | 1,427  | 691        | 1,489      | 721        | 1,581      | 778        | 1,615      | 795        | 1,618      | 810        | 1,655      | 828        |            |            |
| 117 | Southeast Boise                  | 100%                                       | 709  | 375        | 735        | 389        | 748        | 405        | 763        | 413        | 744        | 412        | 743        | 412        |            |            |
| 118 | Southeast Boise                  | 100%                                       | 349  | 173        | 349        | 173        | 341        | 173        | 367        | 186        | 396        | 206        | 448        | 232        |            |            |
| 119 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |            |
| 120 | Southeast Boise                  | 100%                                       | 1,217  | 542        | 1,217      | 542        | 1,183      | 542        | 1,194      | 547        | 1,177      | 555        | 1,202      | 567        |            |            |
| 121 | Southeast Boise                  | 100%                                       | 468  | 235        | 470        | 236        | 466        | 238        | 480        | 245        | 488        | 254        | 509        | 264        |            |            |
| 124 | Southeast Boise                  | 100%                                       | 658  | 248        | 658        | 248        | 652        | 248        | 654        | 249        | 652        | 251        | 659        | 253        |            |            |
| 125 | Southeast Boise                  | 100%                                       | 586  | 241        | 588        | 242        | 578        | 242        | 589        | 247        | 594        | 254        | 617        | 263        |            |            |
| 127 | Southeast Boise                  | 100%                                       | 32   | 12         | 32         | 12         | 34         | 12         | 67         | 24         | 126        | 43         | 202        | 69         |            |            |
| 133 | Southeast Boise                  | 100%                                       | 527  | 189        | 535        | 192        | 535        | 193        | 535        | 193        | 532        | 193        | 532        | 193        |            |            |
| 134 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |            |
| 135 | Southeast Boise                  | 100%                                       | 568  | 232        | 570        | 233        | 562        | 235        | 565        | 236        | 551        | 236        | 551        | 235        |            |            |
| 136 | Southeast Boise                  | 100%                                       | 526  | 220        | 538        | 225        | 530        | 225        | 534        | 227        | 532        | 230        | 541        | 233        |            |            |
| 137 | Southeast Boise                  | 100%                                       | 491  | 218        | 509        | 226        | 537        | 241        | 546        | 245        | 548        | 249        | 559        | 253        |            |            |
| 138 | Southeast Boise                  | 100%                                       | 831  | 331        | 834        | 332        | 829        | 333        | 832        | 334        | 826        | 334        | 830        | 336        |            |            |
| 139 | Southeast Boise                  | 100%                                       | 351  | 176        | 353        | 177        | 350        | 177        | 350        | 177        | 348        | 178        | 349        | 179        |            |            |
| 140 | Southeast Boise                  | 100%                                       | 941  | 405        | 943        | 406        | 926        | 406        | 935        | 410        | 930        | 415        | 948        | 423        |            |            |
| 141 | Southeast Boise                  | 100%                                       | 526  | 218        | 533        | 221        | 525        | 221        | 539        | 227        | 552        | 237        | 583        | 249        |            |            |
| 142 | Southeast Boise                  | 100%                                       | 592  | 229        | 592        | 229        | 584        | 229        | 584        | 229        | 575        | 229        | 575        | 228        |            |            |
| 143 | Southeast Boise                  | 100%                                       | 134  | 57         | 136        | 58         | 136        | 58         | 141        | 60         | 147        | 63         | 157        | 67         |            |            |
| 144 | Southeast Boise                  | 100%                                       | 436  | 184        | 438        | 185        | 432        | 185        | 432        | 185        | 424        | 185        | 424        | 185        |            |            |
| 145 | Southeast Boise                  | 100%                                       | 913  | 363        | 958        | 381        | 957        | 392        | 972        | 398        | 940        | 397        | 940        | 397        |            |            |
| 146 | Southeast Boise                  | 100%                                       | 787  | 301        | 787        | 301        | 786        | 301        | 786        | 301        | 785        | 300        | 784        | 300        |            |            |
| 147 | Southeast Boise                  | 100%                                       | 330  | 118        | 495        | 177        | 627        | 220        | 690        | 242        | 702        | 242        | 701        | 241        |            |            |
| 148 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |            |
| 149 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |            |
| 150 | Southeast Boise                  | 100%                                       | 629  | 246        | 637        | 249        | 599        | 249        | 599        | 249        | 560        | 249        | 560        | 248        |            |            |
| 151 | Southeast Boise                  | 100%                                       | 2,616  | 959        | 2,621      | 961        | 2,588      | 964        | 2,594      | 966        | 2,548      | 964        | 2,546      | 964        |            |            |
| 152 | Southeast Boise                  | 100%                                       | 1,181  | 366        | 1,216      | 377        | 1,277      | 399        | 1,312      | 410        | 1,300      | 409        | 1,299      | 409        |            |            |
| 153 | Southeast Boise                  | 100%                                       | 235  | 83         | 235        | 83         | 247        | 83         | 247        | 83         | 259        | 83         | 258        | 83         |            |            |
| 154 | Southeast Boise                  | 100%                                       | 76   | 31         | 76         | 31         | 76         | 31         | 76         | 31         | 76         | 31         | 76         | 31         |            |            |
| 155 | Southeast Boise                  | 100%                                       | 281  | 136        | 281        | 136        | 271        | 136        | 275        | 138        | 270        | 141        | 277        | 145        |            |            |
| 156 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |            |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                 |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census  | 2010 Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households      | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 157 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 158 | Southeast Boise                  | 100%                                       | 1,472  | 499             | 1,490      | 505        | 1,480      | 509        | 1,486      | 511        | 1,462      | 510        | 1,462      | 510        |
| 159 | Southeast Boise                  | 100%                                       | 836  | 265             | 839        | 266        | 837        | 269        | 862        | 277        | 882        | 288        | 925        | 301        |
| 160 | Southeast Boise                  | 100%                                       | 4  | 2               | 150        | 75         | 482        | 205        | 529        | 225        | 607        | 225        | 607        | 224        |
| 161 | Southeast Boise                  | 100%                                       | 75   | 20              | 75         | 20         | 74         | 20         | 74         | 20         | 73         | 20         | 73         | 20         |
| 162 | Southeast Boise                  | 100%                                       | 2  | 1               | 2          | 1          | 2          | 1          | 2          | 1          | 3          | 2          | 5          | 3          |
| 163 | Southeast Boise                  | 100%                                       | 476  | 245             | 476        | 245        | 470        | 247        | 478        | 251        | 476        | 256        | 488        | 261        |
| 164 | Southeast Boise                  | 100%                                       | 699  | 293             | 720        | 302        | 750        | 319        | 766        | 326        | 763        | 329        | 769        | 332        |
| 165 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 166 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 167 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 168 | Southeast Boise                  | 100%                                       | 314  | 156             | 314        | 156        | 278        | 156        | 303        | 170        | 298        | 192        | 343        | 221        |
| 178 | Southeast Boise                  | 100%                                       | 1  | 1               | 1          | 1          | 1          | 1          | 1          | 2          | 1          | 2          | 1          | 1          |
| 179 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 200 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 201 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 202 | Southeast Boise                  | 100%                                       | 13   | 5               | 13         | 5          | 13         | 5          | 13         | 5          | 13         | 5          | 13         | 5          |
| 203 | Southeast Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 126 | Southeast-Barber Valley          | 100%                                       | 0  | 0               | 83         | 33         | 255        | 95         | 419        | 156        | 696        | 243        | 1,025      | 357        |
| 128 | Southeast-Barber Valley          | 100%                                       | 6  | 3               | 318        | 159        | 643        | 322        | 777        | 389        | 927        | 465        | 1,117      | 561        |
| 129 | Southeast-Barber Valley          | 50%  | 628  | 241             | 781        | 299        | 948        | 366        | 1,038      | 400        | 1,029      | 399        | 1,028      | 399        |
| 130 | Southeast-Barber Valley          | 20%  | 3  | 1               | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 2          | 4          | 2          |
| 132 | Southeast-Barber Valley          | 100%                                       | 386  | 148             | 511        | 196        | 609        | 236        | 619        | 240        | 612        | 240        | 612        | 239        |
| 204 | Southwest Boise                  | 100%                                       | 18   | 5               | 18         | 5          | 17         | 5          | 24         | 7          | 31         | 10         | 41         | 13         |
| 205 | Southwest Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 206 | Southwest Boise                  | 100%                                       | 0  | 0               | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          |
| 207 | Southwest Boise                  | 100%                                       | 552  | 195             | 560        | 198        | 567        | 203        | 575        | 206        | 569        | 207        | 572        | 208        |
| 208 | Southwest Boise                  | 100%                                       | 609  | 217             | 626        | 223        | 641        | 231        | 661        | 238        | 677        | 247        | 706        | 257        |
| 209 | Southwest Boise                  | 100%                                       | 158  | 54              | 161        | 55         | 156        | 55         | 165        | 58         | 173        | 63         | 192        | 70         |
| 210 | Southwest Boise                  | 100%                                       | 160  | 105             | 232        | 152        | 367        | 235        | 400        | 256        | 420        | 263        | 423        | 264        |
| 211 | Southwest Boise                  | 100%                                       | 167  | 60              | 170        | 61         | 169        | 61         | 169        | 61         | 169        | 61         | 169        | 61         |
| 212 | Southwest Boise                  | 100%                                       | 152  | 45              | 152        | 45         | 152        | 45         | 152        | 45         | 152        | 45         | 152        | 45         |
| 213 | Southwest Boise                  | 100%                                       | 186  | 78              | 188        | 79         | 187        | 80         | 189        | 81         | 188        | 82         | 190        | 83         |
| 214 | Southwest Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 218 | Southwest Boise                  | 100%                                       | 1,035  | 377             | 1,137      | 414        | 1,309      | 482        | 1,406      | 518        | 1,394      | 519        | 1,393      | 519        |
| 219 | Southwest Boise                  | 100%                                       | 1,083  | 383             | 1,083      | 383        | 1,065      | 384        | 1,065      | 384        | 1,043      | 383        | 1,043      | 383        |
| 220 | Southwest Boise                  | 100%                                       | 1,951  | 659             | 1,963      | 663        | 1,946      | 666        | 1,963      | 672        | 1,954      | 678        | 1,978      | 686        |
| 221 | Southwest Boise                  | 100%                                       | 726  | 262             | 734        | 265        | 719        | 265        | 719        | 265        | 702        | 265        | 701        | 264        |
| 222 | Southwest Boise                  | 100%                                       | 880  | 273             | 899        | 279        | 897        | 282        | 904        | 284        | 890        | 284        | 890        | 283        |
| 223 | Southwest Boise                  | 100%                                       | 683  | 220             | 767        | 247        | 776        | 260        | 809        | 271        | 792        | 277        | 805        | 281        |
| 224 | Southwest Boise                  | 100%                                       | 831  | 272             | 834        | 273        | 831        | 273        | 879        | 289        | 949        | 313        | 1,049      | 346        |
| 225 | Southwest Boise                  | 100%                                       | 673  | 217             | 673        | 217        | 662        | 217        | 668        | 219        | 666        | 222        | 677        | 225        |
| 226 | Southwest Boise                  | 100%                                       | 0  | 0               | 0          | 0          | 0          | 0          | 20         | 10         | 40         | 20         | 60         | 30         |
| 227 | Southwest Boise                  | 100%                                       | 653  | 197             | 656        | 198        | 654        | 199        | 654        | 199        | 647        | 199        | 646        | 199        |
| 228 | Southwest Boise                  | 100%                                       | 449  | 150             | 449        | 150        | 441        | 150        | 441        | 150        | 431        | 150        | 431        | 150        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 229 | Southwest Boise                  | 100%                                       | 591  | 199                    | 594        | 200        | 584        | 200        | 584        | 200        | 573        | 200        | 573        | 200        |
| 230 | Southwest Boise                  | 100%                                       | 188  | 69                     | 188        | 69         | 186        | 69         | 186        | 69         | 183        | 69         | 183        | 69         |
| 231 | Southwest Boise                  | 100%                                       | 683  | 235                    | 686        | 236        | 679        | 237        | 679        | 237        | 667        | 237        | 666        | 236        |
| 232 | Southwest Boise                  | 100%                                       | 404  | 141                    | 407        | 142        | 399        | 142        | 405        | 144        | 404        | 147        | 415        | 151        |
| 233 | Southwest Boise                  | 100%                                       | 703  | 242                    | 732        | 252        | 770        | 272        | 807        | 285        | 796        | 289        | 800        | 290        |
| 234 | Southwest Boise                  | 100%                                       | 213  | 76                     | 219        | 78         | 226        | 81         | 284        | 102        | 365        | 132        | 476        | 172        |
| 235 | Southwest Boise                  | 100%                                       | 259  | 94                     | 259        | 94         | 265        | 94         | 324        | 115        | 425        | 148        | 555        | 193        |
| 236 | Southwest Boise                  | 100%                                       | 136  | 49                     | 136        | 49         | 138        | 49         | 138        | 49         | 139        | 49         | 139        | 49         |
| 237 | Southwest Boise                  | 100%                                       | 408  | 132                    | 411        | 133        | 403        | 133        | 578        | 191        | 835        | 282        | 1,194      | 403        |
| 238 | Southwest Boise                  | 100%                                       | 212  | 71                     | 212        | 71         | 218        | 71         | 218        | 71         | 224        | 71         | 223        | 71         |
| 239 | Southwest Boise                  | 100%                                       | 116  | 43                     | 116        | 43         | 114        | 43         | 137        | 52         | 171        | 66         | 216        | 84         |
| 240 | Southwest Boise                  | 100%                                       | 405  | 129                    | 405        | 129        | 401        | 129        | 401        | 129        | 396        | 129        | 396        | 129        |
| 241 | Southwest Boise                  | 100%                                       | 1,331  | 504                    | 1,439      | 545        | 1,496      | 572        | 1,533      | 586        | 1,515      | 585        | 1,514      | 585        |
| 242 | Southwest Boise                  | 100%                                       | 1,150  | 435                    | 1,153      | 436        | 1,140      | 437        | 1,143      | 438        | 1,126      | 437        | 1,125      | 437        |
| 243 | Southwest Boise                  | 100%                                       | 501  | 159                    | 504        | 160        | 495        | 160        | 501        | 162        | 500        | 165        | 512        | 169        |
| 244 | Southwest Boise                  | 100%                                       | 182  | 73                     | 184        | 74         | 178        | 74         | 178        | 74         | 171        | 74         | 171        | 74         |
| 246 | Southwest Boise                  | 100%                                       | 154  | 51                     | 190        | 63         | 233        | 80         | 262        | 90         | 258        | 92         | 257        | 92         |
| 248 | Southwest Boise                  | 100%                                       | 993  | 427                    | 1,000      | 430        | 1,003      | 436        | 1,028      | 447        | 1,042      | 458        | 1,075      | 473        |
| 251 | Southwest Boise                  | 100%                                       | 789  | 280                    | 803        | 285        | 794        | 288        | 799        | 290        | 781        | 290        | 780        | 289        |
| 252 | Southwest Boise                  | 100%                                       | 588  | 229                    | 683        | 266        | 760        | 302        | 806        | 320        | 788        | 319        | 787        | 319        |
| 253 | Southwest Boise                  | 100%                                       | 249  | 87                     | 255        | 89         | 255        | 90         | 309        | 109        | 386        | 138        | 495        | 177        |
| 254 | Southwest Boise                  | 100%                                       | 536  | 196                    | 686        | 251        | 840        | 307        | 889        | 325        | 887        | 324        | 887        | 324        |
| 255 | Southwest Boise                  | 100%                                       | 932  | 344                    | 1,073      | 396        | 1,226      | 468        | 1,331      | 508        | 1,393      | 550        | 1,522      | 602        |
| 256 | Southwest Boise                  | 100%                                       | 330  | 116                    | 367        | 129        | 378        | 134        | 386        | 137        | 385        | 138        | 385        | 138        |
| 257 | Southwest Boise                  | 100%                                       | 932  | 311                    | 935        | 312        | 921        | 312        | 927        | 314        | 916        | 315        | 925        | 318        |
| 258 | Southwest Boise                  | 100%                                       | 786  | 268                    | 795        | 271        | 787        | 271        | 790        | 272        | 784        | 273        | 785        | 273        |
| 259 | Southwest Boise                  | 100%                                       | 198  | 76                     | 808        | 310        | 1,691      | 700        | 2,186      | 905        | 2,567      | 1,153      | 3,271      | 1,470      |
| 260 | Southwest Boise                  | 100%                                       | 770  | 284                    | 773        | 285        | 766        | 286        | 771        | 288        | 766        | 290        | 773        | 292        |
| 261 | Southwest Boise                  | 100%                                       | 506  | 179                    | 509        | 180        | 497        | 180        | 502        | 182        | 500        | 186        | 513        | 191        |
| 262 | Southwest Boise                  | 100%                                       | 2,765  | 761                    | 2,972      | 818        | 2,886      | 887        | 3,661      | 1,125      | 4,142      | 1,441      | 5,324      | 1,852      |
| 263 | Southwest Boise                  | 100%                                       | 996  | 311                    | 1,262      | 394        | 1,650      | 538        | 1,840      | 600        | 1,931      | 659        | 2,137      | 729        |
| 264 | Southwest Boise                  | 30%  | 46   | 17                     | 47         | 17         | 53         | 18         | 72         | 25         | 103        | 35         | 140        | 47         |
| 265 | Southwest Boise                  | 100%                                       | 408  | 141                    | 420        | 145        | 438        | 152        | 449        | 156        | 449        | 157        | 449        | 157        |
| 267 | Southwest Boise                  | 50%  | 652  | 223                    | 673        | 230        | 679        | 235        | 709        | 245        | 736        | 257        | 781        | 273        |
| 268 | Southwest Boise                  | 100%                                       | 1  | 1                      | 1          | 1          | 2          | 1          | 42         | 27         | 143        | 68         | 257        | 123        |
| 269 | Southwest Boise                  | 100%                                       | 183  | 63                     | 183        | 63         | 181        | 63         | 181        | 63         | 178        | 63         | 181        | 64         |
| 272 | Southwest Boise                  | 100%                                       | 133  | 52                     | 136        | 53         | 130        | 53         | 130        | 53         | 124        | 53         | 124        | 53         |
| 273 | Southwest Boise                  | 100%                                       | 464  | 131                    | 464        | 131        | 456        | 131        | 463        | 133        | 463        | 136        | 477        | 140        |
| 276 | Southwest Boise                  | 100%                                       | 101  | 37                     | 98         | 36         | 103        | 37         | 292        | 105        | 598        | 212        | 1,004      | 355        |
| 277 | Southwest Boise                  | 100%                                       | 1,580  | 528                    | 1,583      | 529        | 1,567      | 529        | 1,567      | 529        | 1,549      | 528        | 1,548      | 528        |
| 279 | Southwest Boise                  | 100%                                       | 94   | 34                     | 97         | 35         | 97         | 35         | 164        | 59         | 269        | 96         | 409        | 146        |
| 281 | Southwest Boise                  | 100%                                       | 493  | 195                    | 496        | 196        | 490        | 196        | 490        | 196        | 484        | 196        | 484        | 196        |
| 282 | Southwest Boise                  | 100%                                       | 1,500  | 508                    | 1,538      | 521        | 1,561      | 537        | 1,590      | 547        | 1,568      | 548        | 1,567      | 548        |
| 286 | Southwest Boise                  | 100%                                       | 21   | 8                      | 26         | 10         | 22         | 10         | 22         | 10         | 18         | 10         | 19         | 11         |
| 289 | Southwest Boise                  | 100%                                       | 51   | 21                     | 51         | 21         | 51         | 21         | 51         | 21         | 51         | 21         | 51         | 21         |
| 293 | Southwest Boise                  | 100%                                       | 1,631  | 534                    | 1,658      | 543        | 1,636      | 547        | 1,704      | 570        | 1,758      | 601        | 1,880      | 643        |
| 294 | Southwest Boise                  | 100%                                       | 1,216  | 395                    | 1,216      | 395        | 1,207      | 395        | 1,252      | 410        | 1,313      | 433        | 1,409      | 465        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census  |            | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 295 | Southwest Boise                  | 100%                                       | 306  | 88         | 309        | 89         | 274        | 90         | 286        | 94         | 260        | 100        | 283        | 109        |
| 297 | Southwest Boise                  | 100%                                       | 249  | 87         | 249        | 87         | 241        | 87         | 241        | 87         | 233        | 87         | 232        | 87         |
| 324 | Southwest Boise                  | 100%                                       | 24   | 11         | 24         | 11         | 24         | 11         | 24         | 11         | 25         | 11         | 25         | 11         |
| 325 | Southwest Boise                  | 100%                                       | 8  | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 8          | 4          | 10         | 5          |
| 283 | Ten Mile Creek Rural             | 85%  | 3  | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          |
| 284 | Ten Mile Creek Rural             | 100%                                       | 98   | 45         | 102        | 47         | 103        | 50         | 107        | 52         | 100        | 52         | 100        | 52         |
| 285 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 287 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 288 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 290 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 291 | Ten Mile Creek Rural             | 100%                                       | 10   | 5          | 10         | 5          | 10         | 5          | 12         | 6          | 14         | 7          | 17         | 9          |
| 292 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 303 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 305 | Ten Mile Creek Rural             | 100%                                       | 73   | 24         | 73         | 24         | 70         | 24         | 73         | 25         | 75         | 27         | 83         | 30         |
| 312 | Ten Mile Creek Rural             | 100%                                       | 21   | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          | 21         | 7          |
| 315 | Ten Mile Creek Rural             | 15%  | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 411 | West Bench                       | 100%                                       | 1,462  | 526        | 1,462      | 526        | 1,429      | 526        | 1,443      | 531        | 1,427      | 537        | 1,452      | 547        |
| 412 | West Bench                       | 100%                                       | 1,733  | 577        | 1,736      | 578        | 1,698      | 578        | 1,712      | 583        | 1,694      | 590        | 1,724      | 601        |
| 413 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 414 | West Bench                       | 100%                                       | 1,572  | 651        | 1,599      | 662        | 1,537      | 674        | 1,551      | 680        | 1,456      | 679        | 1,456      | 678        |
| 415 | West Bench                       | 100%                                       | 651  | 235        | 654        | 236        | 652        | 238        | 657        | 240        | 654        | 242        | 658        | 243        |
| 416 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 417 | West Bench                       | 100%                                       | 1,430  | 483        | 1,442      | 487        | 1,443      | 495        | 1,455      | 499        | 1,430      | 498        | 1,430      | 498        |
| 418 | West Bench                       | 100%                                       | 1,318  | 436        | 1,336      | 442        | 1,241      | 454        | 1,312      | 480        | 1,257      | 514        | 1,368      | 560        |
| 419 | West Bench                       | 100%                                       | 1,006  | 300        | 1,006      | 300        | 1,005      | 300        | 1,005      | 300        | 1,003      | 299        | 1,003      | 299        |
| 420 | West Bench                       | 100%                                       | 1,877  | 663        | 1,880      | 664        | 1,805      | 664        | 1,843      | 678        | 1,822      | 699        | 1,899      | 728        |
| 421 | West Bench                       | 100%                                       | 1,040  | 334        | 1,137      | 365        | 1,208      | 387        | 1,242      | 398        | 1,243      | 397        | 1,242      | 397        |
| 422 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 423 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 424 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 425 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 426 | West Bench                       | 100%                                       | 1,279  | 427        | 1,294      | 432        | 1,266      | 436        | 1,275      | 439        | 1,235      | 439        | 1,234      | 439        |
| 427 | West Bench                       | 100%                                       | 1,406  | 419        | 1,406      | 419        | 1,367      | 419        | 1,377      | 422        | 1,348      | 425        | 1,363      | 430        |
| 428 | West Bench                       | 100%                                       | 719  | 224        | 722        | 225        | 713        | 225        | 735        | 232        | 760        | 243        | 806        | 257        |
| 429 | West Bench                       | 50%  | 46   | 12         | 372        | 97         | 322        | 97         | 322        | 97         | 271        | 97         | 271        | 97         |
| 430 | West Bench                       | 100%                                       | 469  | 157        | 472        | 158        | 469        | 159        | 469        | 159        | 461        | 159        | 461        | 159        |
| 431 | West Bench                       | 100%                                       | 1,403  | 543        | 1,406      | 544        | 1,381      | 547        | 1,386      | 549        | 1,352      | 548        | 1,351      | 548        |
| 432 | West Bench                       | 100%                                       | 899  | 287        | 905        | 289        | 905        | 292        | 911        | 294        | 902        | 295        | 905        | 295        |
| 433 | West Bench                       | 100%                                       | 1,510  | 538        | 1,521      | 542        | 1,507      | 549        | 1,510      | 550        | 1,473      | 549        | 1,473      | 549        |
| 434 | West Bench                       | 100%                                       | 1,031  | 399        | 1,052      | 407        | 1,058      | 413        | 1,083      | 423        | 1,097      | 432        | 1,126      | 444        |
| 435 | West Bench                       | 80%  | 1,724  | 606        | 1,726      | 607        | 1,702      | 610        | 1,718      | 615        | 1,701      | 621        | 1,722      | 628        |
| 437 | West Bench                       | 60%  | 158  | 60         | 158        | 60         | 158        | 60         | 158        | 60         | 158        | 60         | 158        | 60         |
| 438 | West Bench                       | 100%                                       | 184  | 70         | 184        | 70         | 178        | 70         | 216        | 85         | 265        | 108        | 340        | 139        |
| 439 | West Bench                       | 100%                                       | 1,129  | 435        | 1,137      | 438        | 1,160      | 443        | 1,299      | 496        | 1,516      | 574        | 1,793      | 678        |
| 443 | West Bench                       | 100%                                       | 1,150  | 439        | 1,150      | 439        | 1,129      | 439        | 1,136      | 442        | 1,125      | 446        | 1,142      | 453        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|     |                                  |  | Population   | Households             | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 444 | West Bench                       | 100%                                       | 1,459  | 517                    | 1,473      | 522        | 1,465      | 528        | 1,526      | 550        | 1,576      | 578        | 1,678      | 616        |
| 445 | West Bench                       | 100%                                       | 1,229  | 474                    | 1,328      | 512        | 1,391      | 547        | 1,437      | 565        | 1,406      | 564        | 1,405      | 564        |
| 446 | West Bench                       | 50%  | 417  | 118                    | 483        | 136        | 508        | 149        | 533        | 157        | 513        | 157        | 512        | 157        |
| 451 | West Bench                       | 100%                                       | 605  | 180                    | 605        | 180        | 596        | 180        | 600        | 181        | 597        | 183        | 603        | 185        |
| 452 | West Bench                       | 50%  | 174  | 59                     | 175        | 59         | 175        | 59         | 175        | 59         | 174        | 59         | 174        | 59         |
| 453 | West Bench                       | 100%                                       | 84   | 29                     | 84         | 29         | 83         | 29         | 83         | 29         | 82         | 29         | 82         | 29         |
| 454 | West Bench                       | 100%                                       | 52   | 17                     | 52         | 17         | 53         | 17         | 53         | 17         | 54         | 17         | 57         | 18         |
| 456 | West Bench                       | 100%                                       | 407  | 135                    | 407        | 135        | 404        | 135        | 404        | 135        | 401        | 135        | 401        | 135        |
| 457 | West Bench                       | 100%                                       | 58   | 19                     | 58         | 19         | 55         | 19         | 58         | 20         | 61         | 22         | 67         | 24         |
| 458 | West Bench                       | 100%                                       | 8  | 3                      | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          | 8          | 3          |
| 463 | West Bench                       | 100%                                       | 1,918  | 823                    | 1,925      | 826        | 1,876      | 827        | 2,042      | 900        | 2,234      | 1,012      | 2,572      | 1,165      |
| 464 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 465 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 466 | West Bench                       | 100%                                       | 898  | 327                    | 901        | 328        | 898        | 329        | 955        | 350        | 1,031      | 380        | 1,144      | 422        |
| 467 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 468 | West Bench                       | 100%                                       | 1,680  | 651                    | 1,701      | 659        | 1,693      | 668        | 1,713      | 676        | 1,691      | 680        | 1,702      | 684        |
| 469 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 470 | West Bench                       | 100%                                       | 203  | 74                     | 203        | 74         | 195        | 74         | 200        | 76         | 201        | 80         | 214        | 85         |
| 471 | West Bench                       | 100%                                       | 1,016  | 397                    | 1,016      | 397        | 1,002      | 397        | 1,005      | 398        | 994        | 399        | 1,001      | 402        |
| 472 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 473 | West Bench                       | 100%                                       | 659  | 266                    | 661        | 267        | 648        | 270        | 657        | 274        | 644        | 278        | 654        | 282        |
| 474 | West Bench                       | 100%                                       | 79   | 31                     | 79         | 31         | 79         | 31         | 81         | 32         | 86         | 34         | 91         | 36         |
| 475 | West Bench                       | 100%                                       | 848  | 415                    | 852        | 417        | 834        | 421        | 850        | 429        | 840        | 437        | 859        | 447        |
| 476 | West Bench                       | 100%                                       | 771  | 336                    | 785        | 342        | 785        | 353        | 811        | 365        | 806        | 374        | 828        | 385        |
| 477 | West Bench                       | 25%  | 110  | 52                     | 111        | 52         | 106        | 52         | 109        | 54         | 107        | 55         | 110        | 57         |
| 478 | West Bench                       | 100%                                       | 611  | 272                    | 615        | 274        | 603        | 278        | 764        | 352        | 971        | 464        | 1,286      | 615        |
| 479 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 102        | 42         | 238        | 108        | 433        | 197        |
| 480 | West Bench                       | 100%                                       | 1,131  | 655                    | 1,140      | 660        | 1,148      | 661        | 1,243      | 716        | 1,399      | 801        | 1,599      | 916        |
| 481 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 87         | 35         | 210        | 90         | 382        | 164        |
| 482 | West Bench                       | 100%                                       | 1,542  | 577                    | 1,547      | 579        | 1,455      | 583        | 1,550      | 621        | 1,569      | 677        | 1,741      | 751        |
| 483 | West Bench                       | 100%                                       | 97   | 27                     | 97         | 27         | 89         | 27         | 106        | 32         | 118        | 39         | 148        | 49         |
| 484 | West Bench                       | 100%                                       | 378  | 207                    | 378        | 207        | 381        | 207        | 503        | 273        | 698        | 375        | 953        | 513        |
| 485 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 27         | 11         | 60         | 27         | 108        | 49         |
| 486 | West Bench                       | 100%                                       | 384  | 154                    | 386        | 155        | 365        | 157        | 526        | 226        | 718        | 332        | 1,026      | 475        |
| 487 | West Bench                       | 100%                                       | 181  | 73                     | 181        | 73         | 160        | 73         | 186        | 85         | 195        | 103        | 241        | 128        |
| 488 | West Bench                       | 100%                                       | 286  | 111                    | 286        | 111        | 280        | 111        | 356        | 141        | 464        | 188        | 620        | 250        |
| 489 | West Bench                       | 100%                                       | 415  | 161                    | 503        | 195        | 528        | 221        | 685        | 287        | 811        | 368        | 1,038      | 472        |
| 490 | West Bench                       | 100%                                       | 102  | 0                      | 102        | 0          | 102        | 0          | 102        | 0          | 102        | 0          | 102        | 0          |
| 491 | West Bench                       | 100%                                       | 3  | 1                      | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          |
| 492 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 493 | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 494 | West Bench                       | 100%                                       | 9  | 4                      | 9          | 4          | 9          | 4          | 99         | 46         | 232        | 112        | 415        | 201        |
| 495 | West Bench                       | 100%                                       | 552  | 221                    | 702        | 281        | 874        | 363        | 1,006      | 418        | 1,098      | 474        | 1,257      | 543        |
| 496 | West Bench                       | 100%                                       | 1,350  | 507                    | 1,363      | 512        | 1,314      | 518        | 1,662      | 655        | 2,082      | 864        | 2,758      | 1,143      |
| 497 | West Bench                       | 100%                                       | 998  | 337                    | 1,007      | 340        | 982        | 346        | 1,067      | 376        | 1,132      | 417        | 1,280      | 472        |
| 498 | West Bench                       | 100%                                       | 163  | 62                     | 181        | 69         | 227        | 84         | 248        | 92         | 255        | 92         | 254        | 92         |
| 499 | West Bench                       | 100%                                       | 625  | 235                    | 628        | 236        | 610        | 236        | 610        | 236        | 591        | 236        | 591        | 235        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |                        |            |            |            |            |            |            |            |            |            |            |
|--|----------------------------------|--|--|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|  |                                  |  | 2010 Census Population   | 2010 Census Households | 2015       |            | 2020       |            | 2025       |            | 2030       |            | 2035       |            |
|  |                                  |  |  |                        | Population | Households |
| 500  | West Bench                       | 100%                                       | 132  | 44                     | 156        | 52         | 159        | 55         | 179        | 62         | 198        | 71         | 227        | 82         |
| 502  | West Bench                       | 100%                                       | 848  | 242                    | 848        | 242        | 835        | 242        | 838        | 243        | 830        | 245        | 839        | 247        |
| 504  | West Bench                       | 50%  | 15   | 10                     | 15         | 10         | 20         | 10         | 31         | 16         | 60         | 25         | 88         | 37         |
| 506  | West Bench                       | 75%  | 177  | 62                     | 177        | 62         | 162        | 62         | 260        | 99         | 374        | 157        | 559        | 235        |
| 507  | West Bench                       | 100%                                       | 2  | 1                      | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 100        | 50         |
| 508  | West Bench                       | 100%                                       | 3  | 1                      | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          | 3          | 1          |
| 509  | West Bench                       | 100%                                       | 2  | 1                      | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          | 2          | 1          |
| 510  | West Bench                       | 100%                                       | 1,221  | 426                    | 1,224      | 427        | 1,213      | 428        | 1,219      | 430        | 1,211      | 432        | 1,218      | 435        |
| 511  | West Bench                       | 100%                                       | 1,507  | 613                    | 1,537      | 625        | 1,543      | 644        | 1,584      | 661        | 1,566      | 671        | 1,591      | 681        |
| 513  | West Bench                       | 100%                                       | 895  | 409                    | 915        | 418        | 966        | 431        | 1,082      | 483        | 1,266      | 552        | 1,476      | 644        |
| 514  | West Bench                       | 100%                                       | 1,185  | 523                    | 1,267      | 559        | 1,395      | 622        | 1,467      | 654        | 1,449      | 653        | 1,449      | 653        |
| 515  | West Bench                       | 100%                                       | 706  | 294                    | 730        | 304        | 751        | 323        | 797        | 343        | 808        | 359        | 849        | 378        |
| 516  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 517  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 518  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 519  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 520  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 521  | West Bench                       | 100%                                       | 1,252  | 555                    | 1,257      | 557        | 1,251      | 560        | 1,264      | 566        | 1,265      | 572        | 1,282      | 580        |
| 522  | West Bench                       | 100%                                       | 98   | 54                     | 98         | 54         | 92         | 54         | 92         | 54         | 86         | 54         | 87         | 55         |
| 523  | West Bench                       | 20%  | 179  | 73                     | 181        | 73         | 178        | 75         | 182        | 77         | 180        | 79         | 185        | 81         |
| 524  | West Bench                       | 100%                                       | 913  | 487                    | 913        | 487        | 877        | 487        | 1,011      | 561        | 1,168      | 676        | 1,439      | 832        |
| 525  | West Bench                       | 100%                                       | 796  | 332                    | 796        | 332        | 759        | 332        | 901        | 394        | 1,064      | 489        | 1,346      | 619        |
| 526  | West Bench                       | 100%                                       | 624  | 263                    | 638        | 269        | 645        | 278        | 684        | 295        | 726        | 320        | 804        | 355        |
| 527  | West Bench                       | 100%                                       | 10   | 4                      | 10         | 4          | 9          | 4          | 67         | 31         | 135        | 74         | 240        | 132        |
| 528  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 529  | West Bench                       | 100%                                       | 292  | 107                    | 297        | 109        | 279        | 112        | 434        | 174        | 605        | 268        | 889        | 393        |
| 530  | West Bench                       | 100%                                       | 166  | 60                     | 166        | 60         | 164        | 60         | 186        | 68         | 216        | 80         | 258        | 96         |
| 531  | West Bench                       | 100%                                       | 772  | 355                    | 798        | 367        | 827        | 391        | 957        | 452        | 1,085      | 527        | 1,285      | 625        |
| 532  | West Bench                       | 100%                                       | 41   | 14                     | 41         | 14         | 40         | 14         | 46         | 16         | 54         | 19         | 63         | 22         |
| 533  | West Bench                       | 100%                                       | 0  | 0                      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 534  | West Bench                       | 100%                                       | 43   | 19                     | 45         | 20         | 44         | 20         | 48         | 22         | 55         | 26         | 66         | 31         |
| 536  | West Bench                       | 100%                                       | 57   | 16                     | 57         | 16         | 57         | 16         | 57         | 16         | 57         | 16         | 57         | 16         |
| 655  | West Bench                       | 100%                                       | 186  | 67                     | 186        | 67         | 179        | 67         | 192        | 72         | 204        | 80         | 231        | 91         |
| 656  | West Bench                       | 100%                                       | 66   | 26                     | 69         | 27         | 64         | 28         | 69         | 30         | 65         | 32         | 69         | 34         |
| Suez's Planning Area.....                                |                                  |  | 237,670  | 95,886                 | 247,345    | 99,519     | 254,876    | 104,445    | 272,927    | 112,020    | 288,770    | 121,584    | 317,524    | 134,294    |
| 5-Year Absolute Change.....                              |                                  |  |  |                        | 9,675      | 3,633      | 7,531      | 4,925      | 18,051     | 7,576      | 15,844     | 9,564      | 28,754     | 12,710     |
| Ada County.....  |                                  |  | 390,768  | 145,433                | 431,010    | 161,214    | 474,430    | 178,352    | 517,167    | 196,035    | 563,256    | 214,915    | 612,605    | 234,856    |
| 5-Year Absolute Change.....                              |                                  |  |  |                        | 28,153     | 9,595      | 28,783     | 13,524     | 44,964     | 17,130     | 42,274     | 21,671     | 70,720     | 28,379     |
| Suez's Planning Area as a .....<br>Percent of Ada County |                                  |  | 60.8%  | 65.9%                  | 57.4%      | 61.7%      | 53.7%      | 58.6%      | 52.8%      | 57.1%      | 51.3%      | 56.6%      | 51.8%      | 57.2%      |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 180 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 181 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 182 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 183 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 184 | Airport                          | 100%                                       | 5  | 3          | 5          | 3          | 5          | 3          | 6          | 3          | 6          | 4          | 4          |            |
| 185 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 186 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 187 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 188 | Airport                          | 100%                                       | 6  | 4          | 6          | 4          | 6          | 4          | 6          | 4          | 7          | 4          | 7          |            |
| 189 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 190 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 191 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 192 | Airport                          | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          |            |
| 193 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 194 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 195 | Airport                          | 100%                                       | 128  | 57         | 141        | 63         | 160        | 71         | 183        | 81         | 211        | 94         | 243        |            |
| 196 | Airport                          | 100%                                       | 370  | 165        | 427        | 191        | 447        | 200        | 476        | 213        | 507        | 228        | 542        |            |
| 197 | Airport                          | 100%                                       | 21   | 7          | 21         | 7          | 22         | 7          | 24         | 8          | 25         | 9          | 27         |            |
| 198 | Airport                          | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          |            |
| 199 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 215 | Airport                          | 100%                                       | 16   | 5          | 16         | 5          | 17         | 5          | 18         | 6          | 19         | 6          | 21         |            |
| 216 | Airport                          | 100%                                       | 18   | 7          | 18         | 7          | 19         | 7          | 20         | 8          | 22         | 9          | 23         |            |
| 217 | Airport                          | 100%                                       | 8  | 6          | 8          | 6          | 8          | 6          | 9          | 7          | 10         | 7          | 10         |            |
| 245 | Airport                          | 100%                                       | 328  | 130        | 345        | 137        | 373        | 148        | 409        | 163        | 450        | 179        | 496        |            |
| 247 | Airport                          | 100%                                       | 8  | 3          | 8          | 3          | 8          | 3          | 9          | 3          | 9          | 3          | 9          |            |
| 249 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 250 | Airport                          | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 280 | Airport                          | 100%                                       | 0  | 0          | 50         | 22         | 103        | 45         | 163        | 71         | 230        | 101        | 304        |            |
| 169 | Blacks Creek Rural               | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 170 | Blacks Creek Rural               | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 171 | Blacks Creek Rural               | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 172 | Blacks Creek Rural               | 15%  | 1  | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |            |
| 175 | Blacks Creek Rural               | 100%                                       | 4  | 2          | 4          | 2          | 5          | 2          | 5          | 2          | 5          | 3          | 6          |            |
| 176 | Blacks Creek Rural               | 15%  | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 611 | Boise Foothills                  | 100%                                       | 374  | 142        | 531        | 210        | 709        | 287        | 769        | 313        | 836        | 341        | 911        |            |
| 612 | Boise Foothills                  | 100%                                       | 884  | 382        | 921        | 398        | 982        | 425        | 1,066      | 464        | 1,159      | 505        | 1,262      |            |
| 613 | Boise Foothills                  | 0%   | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 614 | Boise Foothills                  | 100%                                       | 44   | 20         | 48         | 22         | 54         | 25         | 62         | 29         | 72         | 33         | 83         |            |
| 615 | Boise Foothills                  | 100%                                       | 238  | 104        | 248        | 108        | 265        | 115        | 287        | 126        | 312        | 137        | 340        |            |
| 616 | Boise Foothills                  | 100%                                       | 175  | 73         | 182        | 76         | 194        | 81         | 211        | 88         | 229        | 96         | 250        |            |
| 617 | Boise Foothills                  | 80%  | 483  | 179        | 503        | 187        | 537        | 199        | 583        | 217        | 633        | 237        | 690        |            |
| 618 | Boise Foothills                  | 100%                                       | 166  | 51         | 173        | 53         | 184        | 56         | 200        | 62         | 217        | 67         | 237        |            |
| 619 | Boise Foothills                  | 100%                                       | 600  | 265        | 625        | 276        | 666        | 295        | 723        | 321        | 786        | 350        | 856        |            |
| 620 | Boise Foothills                  | 100%                                       | 313  | 124        | 326        | 130        | 348        | 138        | 377        | 151        | 410        | 164        | 447        |            |
| 621 | Boise Foothills                  | 100%                                       | 1,096  | 497        | 1,141      | 518        | 1,217      | 553        | 1,321      | 602        | 1,436      | 657        | 1,564      |            |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 622 | Boise Foothills                  | 70%  | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 623 | Boise Foothills                  | 80%  | 1,408  | 529        | 1,467      | 551        | 1,564      | 588        | 1,698      | 641        | 1,845      | 699        | 2,010      | 763        |
| 624 | Boise Foothills                  | 100%                                       | 64   | 22         | 70         | 24         | 79         | 27         | 91         | 31         | 104        | 36         | 120        | 42         |
| 625 | Boise Foothills                  | 40%  | 118  | 43         | 130        | 48         | 146        | 54         | 168        | 62         | 193        | 72         | 222        | 83         |
| 626 | Boise Foothills                  | 40%  | 347  | 141        | 362        | 146        | 386        | 156        | 419        | 170        | 455        | 186        | 496        | 203        |
| 627 | Boise Foothills                  | 100%                                       | 2,111  | 990        | 2,199      | 1,031      | 2,345      | 1,101      | 2,545      | 1,200      | 2,766      | 1,308      | 3,013      | 1,427      |
| 628 | Boise Foothills                  | 80%  | 354  | 140        | 368        | 146        | 393        | 156        | 426        | 170        | 463        | 185        | 505        | 202        |
| 629 | Boise Foothills                  | 100%                                       | 930  | 514        | 968        | 535        | 1,033      | 571        | 1,121      | 623        | 1,218      | 679        | 1,327      | 741        |
| 630 | Boise Foothills                  | 100%                                       | 369  | 31         | 385        | 32         | 410        | 34         | 445        | 37         | 484        | 41         | 527        | 45         |
| 583 | Boise Northwest                  | 100%                                       | 1,165  | 672        | 1,214      | 700        | 1,294      | 748        | 1,405      | 815        | 1,527      | 888        | 1,663      | 969        |
| 584 | Boise Northwest                  | 50%  | 309  | 122        | 322        | 127        | 343        | 136        | 372        | 148        | 405        | 161        | 441        | 176        |
| 585 | Boise Northwest                  | 100%                                       | 2,366  | 1,086      | 2,417      | 1,110      | 2,528      | 1,162      | 2,691      | 1,243      | 2,869      | 1,328      | 3,065      | 1,421      |
| 586 | Boise Northwest                  | 100%                                       | 31   | 12         | 34         | 13         | 38         | 15         | 44         | 17         | 51         | 20         | 58         | 23         |
| 587 | Boise Northwest                  | 70%  | 1,524  | 742        | 1,587      | 772        | 1,692      | 825        | 1,837      | 899        | 1,996      | 980        | 2,175      | 1,069      |
| 588 | Boise Northwest                  | 100%                                       | 2,182  | 807        | 2,273      | 840        | 2,424      | 897        | 2,631      | 978        | 2,860      | 1,066      | 3,115      | 1,163      |
| 589 | Boise Northwest                  | 100%                                       | 223  | 102        | 232        | 106        | 247        | 113        | 268        | 123        | 292        | 134        | 318        | 146        |
| 590 | Boise Northwest                  | 100%                                       | 466  | 210        | 485        | 218        | 518        | 233        | 562        | 254        | 611        | 277        | 665        | 302        |
| 591 | Boise Northwest                  | 100%                                       | 959  | 482        | 998        | 502        | 1,065      | 536        | 1,156      | 584        | 1,256      | 637        | 1,368      | 695        |
| 592 | Boise Northwest                  | 100%                                       | 349  | 151        | 364        | 158        | 388        | 168        | 421        | 184        | 458        | 200        | 499        | 218        |
| 593 | Boise Northwest                  | 100%                                       | 312  | 132        | 325        | 138        | 346        | 147        | 376        | 161        | 409        | 175        | 445        | 191        |
| 594 | Boise Northwest                  | 100%                                       | 1,237  | 541        | 1,288      | 563        | 1,374      | 601        | 1,491      | 656        | 1,621      | 715        | 1,765      | 780        |
| 595 | Boise Northwest                  | 100%                                       | 400  | 178        | 417        | 186        | 445        | 198        | 483        | 216        | 525        | 236        | 571        | 257        |
| 596 | Boise Northwest                  | 100%                                       | 360  | 137        | 375        | 143        | 399        | 153        | 434        | 167        | 471        | 182        | 513        | 198        |
| 597 | Boise Northwest                  | 100%                                       | 833  | 452        | 868        | 471        | 926        | 503        | 1,005      | 548        | 1,092      | 597        | 1,190      | 652        |
| 598 | Boise Northwest                  | 100%                                       | 329  | 149        | 342        | 156        | 365        | 166        | 396        | 181        | 431        | 197        | 469        | 215        |
| 599 | Boise Northwest                  | 100%                                       | 48   | 22         | 53         | 24         | 59         | 27         | 68         | 31         | 78         | 36         | 90         | 42         |
| 600 | Boise Northwest                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 601 | Boise Northwest                  | 100%                                       | 1,206  | 506        | 1,256      | 527        | 1,340      | 563        | 1,454      | 613        | 1,580      | 668        | 1,721      | 729        |
| 602 | Boise Northwest                  | 100%                                       | 1,057  | 474        | 1,101      | 494        | 1,174      | 527        | 1,274      | 575        | 1,385      | 626        | 1,509      | 683        |
| 603 | Boise Northwest                  | 100%                                       | 1,752  | 817        | 1,825      | 850        | 1,946      | 908        | 2,113      | 990        | 2,296      | 1,079      | 2,501      | 1,177      |
| 604 | Boise Northwest                  | 100%                                       | 336  | 180        | 350        | 188        | 373        | 200        | 405        | 219        | 440        | 238        | 479        | 260        |
| 605 | Boise Northwest                  | 100%                                       | 1,184  | 617        | 1,233      | 643        | 1,315      | 687        | 1,428      | 748        | 1,552      | 816        | 1,690      | 890        |
| 606 | Boise Northwest                  | 100%                                       | 878  | 402        | 915        | 419        | 975        | 447        | 1,059      | 488        | 1,151      | 532        | 1,253      | 580        |
| 607 | Boise Northwest                  | 100%                                       | 889  | 394        | 926        | 411        | 988        | 439        | 1,072      | 478        | 1,165      | 521        | 1,269      | 569        |
| 608 | Boise Northwest                  | 100%                                       | 601  | 268        | 626        | 279        | 668        | 298        | 725        | 325        | 788        | 354        | 858        | 386        |
| 609 | Boise Northwest                  | 100%                                       | 836  | 358        | 871        | 373        | 929        | 399        | 1,008      | 435        | 1,096      | 474        | 1,194      | 517        |
| 610 | Boise Northwest                  | 100%                                       | 257  | 106        | 268        | 110        | 286        | 117        | 310        | 128        | 337        | 139        | 367        | 152        |
| 326 | Central Bench                    | 100%                                       | 931  | 0          | 970        | 0          | 1,034      | 0          | 1,122      | 0          | 1,220      | 0          | 1,329      | 0          |
| 327 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 328 | Central Bench                    | 100%                                       | 929  | 465        | 967        | 484        | 1,032      | 517        | 1,120      | 564        | 1,217      | 614        | 1,326      | 670        |
| 329 | Central Bench                    | 100%                                       | 531  | 354        | 554        | 369        | 590        | 394        | 641        | 430        | 696        | 468        | 759        | 511        |
| 330 | Central Bench                    | 100%                                       | 202  | 135        | 210        | 141        | 224        | 151        | 243        | 164        | 264        | 179        | 288        | 195        |
| 331 | Central Bench                    | 100%                                       | 3,698  | 1,777      | 3,852      | 1,851      | 4,108      | 1,977      | 4,459      | 2,155      | 4,846      | 2,349      | 5,279      | 2,563      |
| 332 | Central Bench                    | 100%                                       | 745  | 345        | 776        | 359        | 828        | 383        | 898        | 418        | 976        | 455        | 1,063      | 497        |
| 333 | Central Bench                    | 100%                                       | 744  | 343        | 775        | 357        | 826        | 381        | 897        | 415        | 975        | 453        | 1,062      | 494        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 334 | Central Bench                    | 100%                                       | 1,245  | 611        | 1,296      | 637        | 1,383      | 680        | 1,501      | 741        | 1,631      | 808        | 1,777      | 881        |
| 335 | Central Bench                    | 100%                                       | 140  | 82         | 148        | 86         | 159        | 93         | 175        | 102        | 192        | 112        | 212        | 123        |
| 336 | Central Bench                    | 100%                                       | 230  | 37         | 242        | 39         | 261        | 42         | 287        | 46         | 315        | 51         | 347        | 56         |
| 337 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 338 | Central Bench                    | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 3          | 3          | 4          | 3          |
| 339 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 340 | Central Bench                    | 100%                                       | 2,282  | 1,093      | 2,377      | 1,139      | 2,535      | 1,216      | 2,751      | 1,326      | 2,990      | 1,445      | 3,257      | 1,576      |
| 341 | Central Bench                    | 100%                                       | 1,527  | 706        | 1,590      | 735        | 1,696      | 785        | 1,841      | 856        | 2,001      | 933        | 2,179      | 1,018      |
| 342 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 343 | Central Bench                    | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 4          | 2          | 4          | 3          | 4          | 3          |
| 344 | Central Bench                    | 100%                                       | 1,003  | 525        | 1,045      | 547        | 1,114      | 584        | 1,210      | 636        | 1,315      | 693        | 1,432      | 757        |
| 345 | Central Bench                    | 100%                                       | 263  | 148        | 277        | 156        | 299        | 168        | 328        | 185        | 361        | 204        | 398        | 224        |
| 346 | Central Bench                    | 100%                                       | 256  | 126        | 267        | 132        | 285        | 141        | 309        | 153        | 336        | 167        | 366        | 182        |
| 347 | Central Bench                    | 100%                                       | 235  | 109        | 245        | 113        | 262        | 121        | 284        | 132        | 309        | 143        | 336        | 156        |
| 348 | Central Bench                    | 100%                                       | 237  | 110        | 247        | 114        | 264        | 122        | 286        | 133        | 311        | 145        | 339        | 158        |
| 349 | Central Bench                    | 100%                                       | 653  | 333        | 680        | 346        | 725        | 370        | 787        | 403        | 855        | 439        | 932        | 480        |
| 350 | Central Bench                    | 100%                                       | 766  | 382        | 798        | 398        | 851        | 425        | 923        | 464        | 1,004      | 505        | 1,093      | 551        |
| 351 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 352 | Central Bench                    | 100%                                       | 1,876  | 1,298      | 2,067      | 1,430      | 2,332      | 1,616      | 2,677      | 1,863      | 3,077      | 2,147      | 3,545      | 2,478      |
| 353 | Central Bench                    | 100%                                       | 281  | 130        | 310        | 144        | 349        | 162        | 401        | 187        | 461        | 216        | 531        | 249        |
| 354 | Central Bench                    | 100%                                       | 421  | 220        | 444        | 231        | 479        | 249        | 526        | 275        | 578        | 302        | 637        | 333        |
| 355 | Central Bench                    | 100%                                       | 341  | 192        | 359        | 202        | 387        | 218        | 425        | 240        | 467        | 264        | 515        | 291        |
| 356 | Central Bench                    | 100%                                       | 241  | 125        | 254        | 132        | 274        | 142        | 301        | 157        | 331        | 172        | 365        | 190        |
| 357 | Central Bench                    | 100%                                       | 42   | 21         | 44         | 22         | 47         | 24         | 52         | 26         | 57         | 29         | 63         | 32         |
| 358 | Central Bench                    | 100%                                       | 392  | 184        | 409        | 192        | 436        | 205        | 473        | 223        | 514        | 243        | 560        | 266        |
| 359 | Central Bench                    | 100%                                       | 578  | 288        | 602        | 300        | 642        | 320        | 697        | 349        | 758        | 380        | 825        | 415        |
| 360 | Central Bench                    | 100%                                       | 231  | 117        | 241        | 121        | 257        | 130        | 279        | 141        | 303        | 154        | 330        | 168        |
| 361 | Central Bench                    | 100%                                       | 374  | 187        | 390        | 195        | 416        | 208        | 452        | 227        | 491        | 247        | 535        | 270        |
| 362 | Central Bench                    | 100%                                       | 590  | 306        | 615        | 318        | 655        | 340        | 711        | 371        | 773        | 404        | 842        | 441        |
| 363 | Central Bench                    | 100%                                       | 463  | 237        | 482        | 247        | 514        | 264        | 558        | 287        | 607        | 313        | 661        | 342        |
| 364 | Central Bench                    | 100%                                       | 340  | 144        | 354        | 150        | 377        | 161        | 410        | 175        | 445        | 191        | 485        | 208        |
| 365 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 366 | Central Bench                    | 100%                                       | 417  | 221        | 435        | 230        | 463        | 246        | 503        | 268        | 547        | 292        | 596        | 319        |
| 367 | Central Bench                    | 100%                                       | 398  | 201        | 415        | 210        | 442        | 224        | 480        | 244        | 522        | 266        | 569        | 290        |
| 368 | Central Bench                    | 100%                                       | 304  | 168        | 317        | 175        | 338        | 187        | 366        | 204        | 398        | 222        | 434        | 243        |
| 369 | Central Bench                    | 100%                                       | 999  | 435        | 1,041      | 453        | 1,110      | 484        | 1,205      | 528        | 1,310      | 575        | 1,426      | 627        |
| 370 | Central Bench                    | 100%                                       | 251  | 169        | 262        | 176        | 279        | 188        | 303        | 205        | 329        | 224        | 359        | 244        |
| 371 | Central Bench                    | 100%                                       | 1,286  | 403        | 1,340      | 420        | 1,429      | 449        | 1,551      | 489        | 1,686      | 533        | 1,836      | 581        |
| 372 | Central Bench                    | 100%                                       | 426  | 175        | 449        | 184        | 484        | 199        | 532        | 219        | 585        | 241        | 644        | 265        |
| 373 | Central Bench                    | 100%                                       | 428  | 258        | 451        | 271        | 487        | 292        | 534        | 322        | 587        | 354        | 647        | 390        |
| 374 | Central Bench                    | 100%                                       | 1,252  | 566        | 1,304      | 589        | 1,390      | 629        | 1,509      | 686        | 1,640      | 747        | 1,787      | 815        |
| 375 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 376 | Central Bench                    | 100%                                       | 2,078  | 857        | 2,165      | 893        | 2,308      | 954        | 2,506      | 1,039      | 2,723      | 1,133      | 2,966      | 1,236      |
| 377 | Central Bench                    | 100%                                       | 675  | 328        | 704        | 341        | 750        | 364        | 814        | 397        | 885        | 433        | 964        | 472        |
| 378 | Central Bench                    | 100%                                       | 586  | 285        | 610        | 297        | 651        | 317        | 707        | 345        | 768        | 376        | 837        | 411        |
| 379 | Central Bench                    | 100%                                       | 490  | 229        | 510        | 239        | 544        | 255        | 590        | 278        | 642        | 303        | 699        | 330        |
| 380 | Central Bench                    | 100%                                       | 325  | 169        | 338        | 176        | 361        | 188        | 392        | 205        | 426        | 224        | 464        | 244        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 381 | Central Bench                    | 100%                                       | 196  | 79         | 206        | 83         | 222        | 89         | 244        | 98         | 268        | 108        | 296        | 119        |
| 382 | Central Bench                    | 100%                                       | 261  | 123        | 275        | 130        | 297        | 140        | 326        | 154        | 358        | 170        | 395        | 187        |
| 383 | Central Bench                    | 100%                                       | 176  | 84         | 185        | 88         | 200        | 95         | 219        | 104        | 241        | 115        | 266        | 127        |
| 384 | Central Bench                    | 100%                                       | 175  | 85         | 184        | 89         | 199        | 96         | 218        | 106        | 240        | 116        | 264        | 128        |
| 385 | Central Bench                    | 100%                                       | 407  | 183        | 424        | 191        | 452        | 204        | 491        | 222        | 534        | 242        | 581        | 264        |
| 386 | Central Bench                    | 100%                                       | 292  | 140        | 308        | 148        | 332        | 159        | 364        | 175        | 401        | 193        | 441        | 212        |
| 387 | Central Bench                    | 100%                                       | 303  | 150        | 319        | 158        | 344        | 170        | 378        | 188        | 416        | 206        | 458        | 227        |
| 388 | Central Bench                    | 100%                                       | 388  | 198        | 405        | 206        | 431        | 220        | 468        | 240        | 509        | 262        | 554        | 286        |
| 389 | Central Bench                    | 100%                                       | 467  | 231        | 627        | 301        | 655        | 315        | 698        | 337        | 744        | 360        | 794        | 386        |
| 390 | Central Bench                    | 100%                                       | 85   | 40         | 88         | 41         | 94         | 44         | 102        | 48         | 111        | 53         | 121        | 57         |
| 391 | Central Bench                    | 100%                                       | 917  | 492        | 955        | 512        | 1,018      | 547        | 1,105      | 596        | 1,201      | 650        | 1,309      | 709        |
| 392 | Central Bench                    | 100%                                       | 941  | 475        | 980        | 495        | 1,045      | 528        | 1,134      | 576        | 1,233      | 628        | 1,343      | 685        |
| 393 | Central Bench                    | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 394 | Central Bench                    | 100%                                       | 622  | 275        | 648        | 286        | 691        | 306        | 750        | 333        | 815        | 363        | 888        | 396        |
| 395 | Central Bench                    | 100%                                       | 804  | 432        | 837        | 450        | 893        | 481        | 969        | 524        | 1,053      | 571        | 1,147      | 623        |
| 396 | Central Bench                    | 100%                                       | 885  | 371        | 922        | 387        | 983        | 413        | 1,067      | 450        | 1,160      | 491        | 1,263      | 536        |
| 397 | Central Bench                    | 100%                                       | 647  | 347        | 674        | 361        | 718        | 385        | 780        | 420        | 847        | 458        | 923        | 500        |
| 398 | Central Bench                    | 100%                                       | 2,659  | 1,197      | 2,866      | 1,288      | 2,998      | 1,349      | 3,191      | 1,442      | 3,402      | 1,541      | 3,634      | 1,649      |
| 399 | Central Bench                    | 100%                                       | 10   | 4          | 10         | 4          | 11         | 5          | 12         | 5          | 14         | 5          | 15         | 6          |
| 400 | Central Bench                    | 100%                                       | 2,569  | 1,250      | 2,676      | 1,302      | 2,854      | 1,390      | 3,097      | 1,515      | 3,366      | 1,651      | 3,667      | 1,802      |
| 401 | Central Bench                    | 100%                                       | 1,900  | 938        | 1,979      | 977        | 2,111      | 1,043      | 2,291      | 1,137      | 2,490      | 1,240      | 2,712      | 1,352      |
| 402 | Central Bench                    | 100%                                       | 1,872  | 937        | 1,950      | 976        | 2,080      | 1,042      | 2,258      | 1,136      | 2,454      | 1,238      | 2,673      | 1,351      |
| 403 | Central Bench                    | 100%                                       | 1,105  | 492        | 1,151      | 512        | 1,227      | 547        | 1,332      | 596        | 1,448      | 650        | 1,577      | 709        |
| 404 | Central Bench                    | 100%                                       | 139  | 94         | 147        | 98         | 158        | 106        | 174        | 117        | 191        | 129        | 210        | 142        |
| 405 | Central Bench                    | 100%                                       | 880  | 396        | 917        | 413        | 978        | 441        | 1,061      | 480        | 1,153      | 524        | 1,256      | 571        |
| 406 | Central Bench                    | 100%                                       | 874  | 441        | 911        | 459        | 971        | 491        | 1,054      | 535        | 1,146      | 583        | 1,248      | 636        |
| 407 | Central Bench                    | 100%                                       | 271  | 118        | 282        | 123        | 301        | 132        | 327        | 144        | 355        | 157        | 387        | 171        |
| 408 | Central Bench                    | 100%                                       | 758  | 366        | 789        | 382        | 842        | 408        | 914        | 444        | 993        | 484        | 1,082      | 528        |
| 409 | Central Bench                    | 100%                                       | 687  | 290        | 716        | 302        | 764        | 322        | 829        | 351        | 901        | 383        | 981        | 418        |
| 410 | Central Bench                    | 100%                                       | 1,705  | 772        | 1,775      | 804        | 1,894      | 858        | 2,055      | 936        | 2,234      | 1,020      | 2,433      | 1,113      |
| 1   | Downtown Boise                   | 100%                                       | 16   | 8          | 16         | 8          | 17         | 9          | 18         | 9          | 19         | 10         | 21         | 10         |
| 2   | Downtown Boise                   | 100%                                       | 3  | 2          | 3          | 2          | 3          | 2          | 3          | 2          | 4          | 2          | 4          | 3          |
| 3   | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 4   | Downtown Boise                   | 100%                                       | 78   | 54         | 80         | 55         | 84         | 58         | 89         | 62         | 95         | 66         | 102        | 70         |
| 5   | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 6   | Downtown Boise                   | 100%                                       | 213  | 147        | 267        | 172        | 279        | 180        | 297        | 193        | 317        | 206        | 339        | 221        |
| 7   | Downtown Boise                   | 100%                                       | 17   | 12         | 17         | 12         | 18         | 13         | 19         | 14         | 20         | 15         | 22         | 16         |
| 8   | Downtown Boise                   | 100%                                       | 95   | 72         | 147        | 95         | 154        | 99         | 164        | 106        | 175        | 114        | 187        | 122        |
| 9   | Downtown Boise                   | 100%                                       | 88   | 62         | 90         | 63         | 94         | 66         | 101        | 71         | 107        | 75         | 115        | 81         |
| 10  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 11  | Downtown Boise                   | 100%                                       | 155  | 117        | 158        | 119        | 166        | 125        | 176        | 133        | 188        | 142        | 201        | 152        |
| 12  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 13  | Downtown Boise                   | 100%                                       | 71   | 53         | 72         | 54         | 75         | 56         | 80         | 60         | 86         | 65         | 91         | 69         |
| 14  | Downtown Boise                   | 100%                                       | 161  | 112        | 164        | 114        | 172        | 119        | 183        | 128        | 195        | 136        | 208        | 146        |
| 15  | Downtown Boise                   | 100%                                       | 117  | 88         | 119        | 90         | 125        | 94         | 133        | 100        | 141        | 107        | 151        | 115        |
| 16  | Downtown Boise                   | 100%                                       | 288  | 153        | 344        | 178        | 360        | 187        | 383        | 200        | 408        | 213        | 436        | 228        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 17  | Downtown Boise                   | 100%                                       | 169  | 127        | 223        | 152        | 233        | 159        | 248        | 170        | 265        | 182        | 283        | 195        |
| 18  | Downtown Boise                   | 100%                                       | 297  | 223        | 353        | 250        | 369        | 261        | 393        | 279        | 419        | 299        | 447        | 320        |
| 19  | Downtown Boise                   | 100%                                       | 314  | 107        | 371        | 131        | 388        | 137        | 413        | 146        | 440        | 156        | 470        | 167        |
| 20  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 21  | Downtown Boise                   | 100%                                       | 5  | 4          | 5          | 4          | 6          | 4          | 6          | 5          | 6          | 5          | 7          | 5          |
| 22  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 23  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 24  | Downtown Boise                   | 100%                                       | 70   | 48         | 121        | 71         | 126        | 74         | 135        | 79         | 143        | 84         | 153        | 90         |
| 25  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 26  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 27  | Downtown Boise                   | 100%                                       | 110  | 83         | 162        | 106        | 170        | 111        | 181        | 119        | 192        | 127        | 206        | 136        |
| 28  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 29  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 30  | Downtown Boise                   | 100%                                       | 14   | 9          | 14         | 9          | 15         | 10         | 16         | 10         | 17         | 11         | 18         | 12         |
| 31  | Downtown Boise                   | 100%                                       | 143  | 108        | 196        | 132        | 205        | 138        | 218        | 147        | 233        | 157        | 248        | 168        |
| 32  | Downtown Boise                   | 100%                                       | 9  | 6          | 9          | 6          | 10         | 6          | 10         | 7          | 11         | 7          | 12         | 8          |
| 33  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 34  | Downtown Boise                   | 100%                                       | 8  | 5          | 8          | 5          | 8          | 5          | 9          | 6          | 10         | 6          | 10         | 7          |
| 35  | Downtown Boise                   | 100%                                       | 38   | 29         | 89         | 51         | 93         | 54         | 99         | 57         | 106        | 61         | 113        | 66         |
| 36  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 37  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 38  | Downtown Boise                   | 100%                                       | 34   | 26         | 85         | 48         | 89         | 50         | 95         | 54         | 101        | 58         | 108        | 62         |
| 39  | Downtown Boise                   | 100%                                       | 88   | 62         | 140        | 85         | 147        | 89         | 156        | 95         | 166        | 101        | 178        | 109        |
| 40  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 41  | Downtown Boise                   | 100%                                       | 5  | 3          | 5          | 3          | 5          | 3          | 6          | 3          | 6          | 4          | 6          | 4          |
| 42  | Downtown Boise                   | 100%                                       | 62   | 42         | 113        | 64         | 118        | 67         | 126        | 72         | 134        | 77         | 143        | 82         |
| 43  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 44  | Downtown Boise                   | 100%                                       | 26   | 18         | 26         | 18         | 28         | 19         | 29         | 21         | 31         | 22         | 33         | 23         |
| 45  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 46  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 47  | Downtown Boise                   | 100%                                       | 59   | 40         | 110        | 62         | 115        | 65         | 122        | 70         | 130        | 75         | 139        | 80         |
| 48  | Downtown Boise                   | 100%                                       | 121  | 91         | 173        | 114        | 181        | 120        | 193        | 128        | 205        | 137        | 219        | 146        |
| 49  | Downtown Boise                   | 100%                                       | 4  | 3          | 4          | 3          | 4          | 3          | 4          | 3          | 4          | 3          | 5          | 4          |
| 50  | Downtown Boise                   | 100%                                       | 445  | 313        | 469        | 329        | 506        | 354        | 555        | 390        | 611        | 429        | 673        | 473        |
| 51  | Downtown Boise                   | 100%                                       | 153  | 77         | 161        | 81         | 174        | 87         | 191        | 96         | 210        | 105        | 231        | 116        |
| 52  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 53  | Downtown Boise                   | 100%                                       | 337  | 233        | 355        | 245        | 383        | 264        | 420        | 291        | 462        | 320        | 509        | 352        |
| 54  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 55  | Downtown Boise                   | 100%                                       | 258  | 174        | 272        | 183        | 294        | 198        | 322        | 217        | 354        | 239        | 390        | 264        |
| 56  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 57  | Downtown Boise                   | 100%                                       | 423  | 288        | 466        | 317        | 526        | 358        | 604        | 413        | 694        | 476        | 800        | 549        |
| 58  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 59  | Downtown Boise                   | 100%                                       | 604  | 115        | 666        | 126        | 751        | 142        | 862        | 164        | 991        | 189        | 1,142      | 219        |
| 60  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 61  | Downtown Boise                   | 100%                                       | 171  | 0          | 175        | 0          | 183        | 0          | 195        | 0          | 208        | 0          | 222        | 0          |
| 62  | Downtown Boise                   | 100%                                       | 78   | 59         | 80         | 60         | 83         | 63         | 89         | 67         | 95         | 72         | 101        | 77         |
| 63  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 64  | Downtown Boise                   | 100%                                       | 202  | 136        | 256        | 161        | 268        | 169        | 285        | 180        | 304        | 193        | 324        | 206        |
| 65  | Downtown Boise                   | 100%                                       | 222  | 167        | 277        | 193        | 290        | 202        | 309        | 216        | 329        | 230        | 351        | 247        |
| 66  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 67  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 68  | Downtown Boise                   | 100%                                       | 109  | 77         | 161        | 100        | 169        | 105        | 180        | 112        | 192        | 120        | 205        | 128        |
| 69  | Downtown Boise                   | 100%                                       | 279  | 193        | 308        | 213        | 347        | 240        | 398        | 277        | 458        | 319        | 527        | 369        |
| 70  | Downtown Boise                   | 100%                                       | 352  | 183        | 359        | 187        | 376        | 196        | 400        | 210        | 426        | 224        | 455        | 240        |
| 71  | Downtown Boise                   | 100%                                       | 4  | 3          | 4          | 3          | 4          | 3          | 5          | 3          | 5          | 4          | 5          | 4          |
| 72  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 73  | Downtown Boise                   | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 74  | Downtown Boise                   | 100%                                       | 287  | 167        | 343        | 193        | 359        | 202        | 382        | 216        | 407        | 230        | 435        | 247        |
| 75  | Downtown Boise                   | 100%                                       | 96   | 59         | 148        | 82         | 155        | 86         | 165        | 91         | 176        | 98         | 188        | 105        |
| 697 | Eagle-Floating Feather           | 100%                                       | 334  | 102        | 348        | 106        | 371        | 113        | 402        | 123        | 437        | 134        | 476        | 146        |
| 699 | Eagle-Floating Feather           | 100%                                       | 163  | 45         | 170        | 47         | 181        | 50         | 196        | 54         | 213        | 59         | 233        | 65         |
| 701 | Eagle-Floating Feather           | 100%                                       | 169  | 52         | 176        | 54         | 188        | 58         | 204        | 63         | 221        | 68         | 241        | 75         |
| 703 | Eagle-Floating Feather           | 100%                                       | 334  | 101        | 348        | 105        | 371        | 112        | 402        | 122        | 437        | 133        | 476        | 145        |
| 704 | Eagle-Floating Feather           | 100%                                       | 395  | 125        | 412        | 131        | 439        | 140        | 477        | 152        | 518        | 166        | 564        | 181        |
| 705 | Eagle-Floating Feather           | 100%                                       | 343  | 115        | 357        | 119        | 381        | 127        | 413        | 139        | 449        | 151        | 489        | 165        |
| 708 | Eagle-Floating Feather           | 100%                                       | 450  | 149        | 460        | 153        | 481        | 160        | 512        | 171        | 546        | 183        | 583        | 195        |
| 709 | Eagle-Floating Feather           | 100%                                       | 437  | 137        | 482        | 151        | 543        | 171        | 624        | 197        | 678        | 215        | 738        | 234        |
| 738 | Eagle-Island                     | 100%                                       | 935  | 379        | 974        | 395        | 1,038      | 422        | 1,127      | 460        | 1,225      | 501        | 1,334      | 547        |
| 751 | Eagle-Island                     | 100%                                       | 626  | 239        | 689        | 263        | 778        | 297        | 893        | 343        | 1,026      | 395        | 1,182      | 456        |
| 752 | Eagle-Island                     | 100%                                       | 80   | 40         | 88         | 44         | 99         | 50         | 114        | 57         | 131        | 66         | 150        | 76         |
| 706 | Eagle-South River                | 10%  | 23   | 11         | 24         | 11         | 25         | 12         | 28         | 13         | 30         | 14         | 33         | 16         |
| 744 | Eagle-South River                | 75%  | 1,256  | 458        | 1,308      | 477        | 1,395      | 509        | 1,514      | 555        | 1,648      | 605        | 1,793      | 660        |
| 745 | Eagle-South River                | 100%                                       | 923  | 299        | 961        | 311        | 1,025      | 332        | 1,113      | 362        | 1,209      | 395        | 1,317      | 431        |
| 746 | Eagle-South River                | 60%  | 605  | 239        | 606        | 239        | 621        | 246        | 648        | 258        | 678        | 270        | 710        | 283        |
| 747 | Eagle-South River                | 60%  | 23   | 7          | 54         | 20         | 87         | 35         | 124        | 51         | 166        | 69         | 212        | 89         |
| 748 | Eagle-South River                | 100%                                       | 15   | 5          | 65         | 27         | 119        | 50         | 180        | 77         | 248        | 107        | 323        | 140        |
| 749 | Eagle-South River                | 85%  | 894  | 353        | 985        | 389        | 1,111      | 439        | 1,276      | 506        | 1,466      | 584        | 1,689      | 674        |
| 750 | Eagle-South River                | 50%  | 263  | 85         | 290        | 94         | 327        | 106        | 376        | 122        | 432        | 141        | 497        | 162        |
| 698 | Eagle-State Corridor             | 100%                                       | 847  | 246        | 883        | 256        | 941        | 274        | 1,022      | 298        | 1,110      | 325        | 1,209      | 355        |
| 700 | Eagle-State Corridor             | 100%                                       | 1,726  | 524        | 1,798      | 546        | 1,918      | 583        | 2,082      | 635        | 2,262      | 692        | 2,464      | 755        |
| 702 | Eagle-State Corridor             | 100%                                       | 1,167  | 358        | 1,216      | 373        | 1,297      | 399        | 1,407      | 435        | 1,530      | 474        | 1,666      | 517        |
| 707 | Eagle-State Corridor             | 50%  | 144  | 62         | 150        | 64         | 159        | 69         | 173        | 75         | 188        | 82         | 205        | 89         |
| 713 | Eagle-State Corridor             | 75%  | 216  | 67         | 238        | 74         | 268        | 84         | 291        | 91         | 317        | 99         | 345        | 108        |
| 714 | Eagle-State Corridor             | 50%  | 57   | 20         | 62         | 22         | 70         | 25         | 76         | 27         | 83         | 29         | 90         | 32         |
| 76  | East End                         | 100%                                       | 534  | 322        | 546        | 329        | 571        | 344        | 608        | 368        | 648        | 393        | 692        | 421        |
| 77  | East End                         | 100%                                       | 635  | 390        | 648        | 399        | 678        | 418        | 722        | 446        | 770        | 477        | 822        | 511        |
| 78  | East End                         | 100%                                       | 532  | 275        | 544        | 281        | 569        | 294        | 606        | 314        | 646        | 336        | 690        | 360        |
| 79  | East End                         | 100%                                       | 2,163  | 862        | 2,209      | 881        | 2,311      | 923        | 2,460      | 986        | 2,622      | 1,054      | 2,801      | 1,128      |
| 80  | East End                         | 100%                                       | 508  | 134        | 569        | 159        | 595        | 167        | 633        | 178        | 675        | 190        | 721        | 204        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 81  | East End                         | 100%                                       | 536  | 266        | 548        | 272        | 573        | 284        | 610        | 304        | 650        | 325        | 695        | 348        |
| 82  | East End                         | 100%                                       | 361  | 157        | 368        | 161        | 385        | 168        | 410        | 180        | 437        | 192        | 467        | 206        |
| 83  | East End                         | 100%                                       | 75   | 34         | 127        | 56         | 133        | 59         | 141        | 63         | 151        | 67         | 161        | 72         |
| 84  | East End                         | 100%                                       | 396  | 193        | 405        | 197        | 424        | 207        | 451        | 221        | 481        | 236        | 513        | 253        |
| 85  | East End                         | 100%                                       | 195  | 118        | 199        | 121        | 208        | 127        | 221        | 136        | 236        | 145        | 252        | 155        |
| 86  | East End                         | 100%                                       | 749  | 479        | 765        | 489        | 800        | 512        | 852        | 548        | 908        | 586        | 970        | 627        |
| 87  | East End                         | 100%                                       | 72   | 52         | 73         | 53         | 76         | 55         | 81         | 59         | 87         | 63         | 93         | 68         |
| 88  | East End                         | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 89  | East End                         | 100%                                       | 99   | 58         | 151        | 81         | 158        | 84         | 169        | 90         | 180        | 97         | 192        | 103        |
| 90  | East End                         | 100%                                       | 257  | 186        | 313        | 212        | 327        | 222        | 348        | 237        | 371        | 254        | 396        | 271        |
| 780 | East Foothills                   | 100%                                       | 879  | 325        | 969        | 358        | 1,092      | 404        | 1,254      | 466        | 1,442      | 537        | 1,661      | 620        |
| 781 | East Foothills                   | 100%                                       | 1,041  | 381        | 1,147      | 420        | 1,294      | 475        | 1,485      | 547        | 1,707      | 631        | 1,967      | 728        |
| 785 | East Foothills                   | 100%                                       | 229  | 93         | 253        | 102        | 285        | 115        | 327        | 133        | 376        | 153        | 434        | 177        |
| 631 | Foothills Rural                  | 40%  | 10   | 4          | 70         | 30         | 135        | 58         | 207        | 90         | 288        | 126        | 331        | 145        |
| 633 | Foothills Rural                  | 100%                                       | 3,639  | 1,393      | 3,644      | 1,395      | 3,737      | 1,432      | 3,900      | 1,501      | 4,076      | 1,574      | 4,269      | 1,651      |
| 634 | Foothills Rural                  | 100%                                       | 12   | 4          | 162        | 69         | 323        | 139        | 503        | 219        | 704        | 307        | 810        | 354        |
| 635 | Foothills Rural                  | 100%                                       | 702  | 230        | 703        | 230        | 721        | 237        | 753        | 248        | 787        | 260        | 824        | 273        |
| 637 | Foothills Rural                  | 100%                                       | 2,242  | 734        | 2,245      | 735        | 2,303      | 755        | 2,403      | 791        | 2,511      | 829        | 2,630      | 870        |
| 638 | Foothills Rural                  | 100%                                       | 2,120  | 694        | 2,123      | 695        | 2,177      | 714        | 2,272      | 748        | 2,375      | 784        | 2,487      | 822        |
| 646 | Foothills Rural                  | 15%  | 3  | 1          | 25         | 11         | 49         | 21         | 77         | 33         | 107        | 47         | 123        | 54         |
| 647 | Foothills Rural                  | 50%  | 76   | 25         | 153        | 58         | 237        | 95         | 332        | 136        | 437        | 182        | 497        | 208        |
| 648 | Foothills Rural                  | 40%  | 109  | 40         | 171        | 67         | 241        | 97         | 320        | 131        | 408        | 170        | 460        | 192        |
| 649 | Foothills Rural                  | 85%  | 42   | 14         | 170        | 69         | 308        | 129        | 464        | 198        | 637        | 274        | 730        | 315        |
| 650 | Foothills Rural                  | 100%                                       | 1,914  | 674        | 1,955      | 689        | 2,045      | 721        | 2,177      | 771        | 2,321      | 824        | 2,479      | 882        |
| 651 | Foothills Rural                  | 50%  | 210  | 70         | 289        | 104        | 379        | 143        | 484        | 187        | 599        | 237        | 670        | 266        |
| 652 | Foothills Rural                  | 100%                                       | 4,503  | 1,461      | 4,690      | 1,522      | 5,002      | 1,625      | 5,429      | 1,771      | 5,901      | 1,930      | 6,427      | 2,106      |
| 658 | Garden City                      | 100%                                       | 18   | 7          | 20         | 8          | 22         | 9          | 26         | 10         | 29         | 12         | 34         | 13         |
| 661 | Garden City                      | 20%  | 15   | 7          | 45         | 20         | 78         | 34         | 115        | 50         | 156        | 69         | 178        | 78         |
| 692 | Garden City                      | 60%  | 4  | 1          | 5          | 1          | 5          | 1          | 6          | 2          | 7          | 2          | 8          | 2          |
| 693 | Garden City                      | 50%  | 383  | 230        | 399        | 239        | 426        | 255        | 462        | 278        | 502        | 303        | 547        | 331        |
| 694 | Garden City                      | 100%                                       | 575  | 289        | 599        | 301        | 639        | 321        | 693        | 350        | 754        | 382        | 821        | 416        |
| 695 | Garden City                      | 100%                                       | 90   | 47         | 94         | 49         | 100        | 52         | 109        | 57         | 118        | 62         | 129        | 67         |
| 539 | North End                        | 100%                                       | 1,645  | 705        | 1,713      | 734        | 1,827      | 784        | 1,983      | 855        | 2,156      | 932        | 2,348      | 1,016      |
| 540 | North End                        | 100%                                       | 738  | 333        | 769        | 346        | 820        | 370        | 890        | 403        | 967        | 439        | 1,053      | 480        |
| 541 | North End                        | 100%                                       | 606  | 295        | 631        | 307        | 673        | 328        | 731        | 357        | 794        | 389        | 865        | 425        |
| 542 | North End                        | 100%                                       | 444  | 219        | 462        | 228        | 493        | 244        | 535        | 266        | 582        | 289        | 634        | 316        |
| 543 | North End                        | 100%                                       | 857  | 352        | 893        | 367        | 952        | 392        | 1,034      | 427        | 1,123      | 466        | 1,224      | 508        |
| 544 | North End                        | 100%                                       | 397  | 179        | 414        | 187        | 441        | 199        | 479        | 217        | 521        | 237        | 567        | 258        |
| 545 | North End                        | 100%                                       | 520  | 239        | 541        | 249        | 577        | 266        | 626        | 290        | 681        | 316        | 742        | 345        |
| 546 | North End                        | 100%                                       | 560  | 295        | 584        | 307        | 622        | 328        | 675        | 357        | 734        | 389        | 800        | 425        |
| 547 | North End                        | 100%                                       | 1,089  | 525        | 1,134      | 547        | 1,209      | 584        | 1,313      | 636        | 1,427      | 693        | 1,554      | 757        |
| 548 | North End                        | 100%                                       | 182  | 105        | 189        | 109        | 202        | 116        | 219        | 127        | 238        | 138        | 259        | 151        |
| 549 | North End                        | 100%                                       | 554  | 284        | 577        | 296        | 616        | 316        | 668        | 344        | 726        | 375        | 791        | 409        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 550 | North End                        | 100%                                       | 576  | 287        | 600        | 299        | 640        | 319        | 695        | 348        | 755        | 379        | 822        | 413        |
| 551 | North End                        | 100%                                       | 356  | 173        | 370        | 180        | 395        | 193        | 429        | 210        | 466        | 229        | 508        | 250        |
| 552 | North End                        | 100%                                       | 343  | 161        | 357        | 168        | 381        | 179        | 413        | 196        | 449        | 213        | 489        | 233        |
| 553 | North End                        | 100%                                       | 506  | 265        | 527        | 276        | 562        | 295        | 610        | 321        | 663        | 350        | 722        | 382        |
| 554 | North End                        | 100%                                       | 356  | 185        | 370        | 193        | 395        | 206        | 429        | 225        | 466        | 245        | 508        | 267        |
| 555 | North End                        | 100%                                       | 155  | 86         | 161        | 89         | 172        | 95         | 187        | 104        | 203        | 113        | 221        | 123        |
| 556 | North End                        | 100%                                       | 267  | 134        | 278        | 140        | 297        | 150        | 322        | 163        | 350        | 178        | 381        | 194        |
| 557 | North End                        | 100%                                       | 212  | 121        | 220        | 127        | 235        | 135        | 255        | 147        | 277        | 161        | 302        | 175        |
| 558 | North End                        | 100%                                       | 734  | 406        | 765        | 423        | 815        | 452        | 885        | 493        | 962        | 537        | 1,048      | 586        |
| 559 | North End                        | 100%                                       | 152  | 71         | 158        | 74         | 169        | 79         | 183        | 86         | 199        | 93         | 217        | 102        |
| 560 | North End                        | 100%                                       | 793  | 467        | 826        | 486        | 881        | 519        | 956        | 566        | 1,039      | 617        | 1,131      | 673        |
| 561 | North End                        | 100%                                       | 843  | 536        | 878        | 558        | 937        | 596        | 1,017      | 649        | 1,105      | 708        | 1,204      | 772        |
| 562 | North End                        | 100%                                       | 372  | 200        | 387        | 208        | 413        | 223        | 448        | 243        | 487        | 264        | 530        | 289        |
| 563 | North End                        | 100%                                       | 358  | 183        | 372        | 191        | 397        | 204        | 431        | 222        | 469        | 242        | 510        | 264        |
| 564 | North End                        | 100%                                       | 681  | 320        | 710        | 333        | 757        | 356        | 822        | 388        | 893        | 422        | 973        | 461        |
| 565 | North End                        | 100%                                       | 686  | 331        | 715        | 344        | 762        | 368        | 828        | 401        | 899        | 437        | 980        | 477        |
| 566 | North End                        | 100%                                       | 234  | 103        | 244        | 107        | 260        | 114        | 283        | 124        | 307        | 136        | 335        | 148        |
| 567 | North End                        | 100%                                       | 332  | 177        | 346        | 185        | 369        | 197        | 400        | 215        | 435        | 234        | 474        | 256        |
| 568 | North End                        | 100%                                       | 411  | 226        | 428        | 235        | 457        | 251        | 496        | 274        | 539        | 299        | 587        | 326        |
| 569 | North End                        | 100%                                       | 715  | 374        | 745        | 390        | 794        | 416        | 862        | 454        | 937        | 495        | 1,021      | 540        |
| 570 | North End                        | 100%                                       | 655  | 352        | 682        | 366        | 727        | 391        | 789        | 426        | 858        | 464        | 934        | 507        |
| 571 | North End                        | 100%                                       | 832  | 389        | 867        | 406        | 925        | 433        | 1,004      | 472        | 1,091      | 514        | 1,188      | 561        |
| 572 | North End                        | 100%                                       | 98   | 55         | 108        | 60         | 122        | 68         | 140        | 79         | 161        | 91         | 186        | 105        |
| 573 | North End                        | 100%                                       | 741  | 466        | 772        | 485        | 823        | 518        | 893        | 565        | 971        | 616        | 1,058      | 672        |
| 574 | North End                        | 100%                                       | 599  | 305        | 624        | 317        | 665        | 339        | 722        | 369        | 785        | 403        | 855        | 439        |
| 575 | North End                        | 100%                                       | 665  | 336        | 692        | 350        | 738        | 373        | 801        | 407        | 871        | 443        | 949        | 484        |
| 576 | North End                        | 100%                                       | 1,098  | 528        | 1,143      | 550        | 1,219      | 587        | 1,323      | 640        | 1,438      | 697        | 1,567      | 761        |
| 837 | North Meridian                   | 50%  | 140  | 45         | 168        | 54         | 207        | 67         | 259        | 84         | 325        | 106        | 409        | 134        |
| 838 | North Meridian                   | 100%                                       | 2,363  | 725        | 2,603      | 799        | 2,937      | 902        | 3,371      | 1,040      | 3,876      | 1,199      | 4,465      | 1,384      |
| 842 | North Meridian                   | 50%  | 677  | 211        | 706        | 219        | 753        | 234        | 817        | 255        | 888        | 278        | 967        | 304        |
| 845 | North Meridian                   | 50%  | 702  | 227        | 731        | 236        | 780        | 253        | 846        | 275        | 920        | 300        | 1,002      | 327        |
| 846 | North Meridian                   | 20%  | 51   | 16         | 62         | 21         | 75         | 26         | 91         | 33         | 108        | 40         | 127        | 48         |
| 903 | North Meridian                   | 100%                                       | 1,382  | 479        | 1,384      | 480        | 1,420      | 493        | 1,482      | 516        | 1,548      | 541        | 1,622      | 568        |
| 904 | North Meridian                   | 100%                                       | 1,231  | 466        | 1,233      | 467        | 1,264      | 479        | 1,319      | 502        | 1,379      | 526        | 1,444      | 552        |
| 91  | Southeast Boise                  | 100%                                       | 269  | 181        | 325        | 207        | 340        | 217        | 362        | 232        | 386        | 248        | 412        | 265        |
| 92  | Southeast Boise                  | 100%                                       | 191  | 122        | 245        | 147        | 256        | 154        | 272        | 164        | 290        | 176        | 310        | 188        |
| 93  | Southeast Boise                  | 100%                                       | 676  | 314        | 691        | 320        | 723        | 336        | 769        | 359        | 820        | 384        | 876        | 410        |
| 94  | Southeast Boise                  | 100%                                       | 396  | 218        | 405        | 223        | 424        | 233        | 451        | 249        | 481        | 267        | 513        | 285        |
| 95  | Southeast Boise                  | 100%                                       | 426  | 285        | 435        | 291        | 455        | 305        | 485        | 326        | 517        | 348        | 552        | 373        |
| 96  | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 97  | Southeast Boise                  | 100%                                       | 703  | 529        | 718        | 540        | 751        | 566        | 800        | 605        | 853        | 646        | 911        | 692        |
| 98  | Southeast Boise                  | 100%                                       | 285  | 134        | 291        | 137        | 305        | 144        | 324        | 154        | 346        | 164        | 369        | 176        |
| 99  | Southeast Boise                  | 100%                                       | 431  | 324        | 440        | 331        | 461        | 346        | 490        | 370        | 523        | 396        | 558        | 423        |
| 100 | Southeast Boise                  | 100%                                       | 489  | 359        | 499        | 367        | 522        | 385        | 556        | 411        | 593        | 440        | 633        | 470        |
| 101 | Southeast Boise                  | 100%                                       | 399  | 224        | 408        | 229        | 427        | 240        | 454        | 256        | 484        | 274        | 517        | 293        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 102 | Southeast Boise                  | 100%                                       | 427  | 304        | 436        | 310        | 456        | 325        | 486        | 347        | 518        | 371        | 553        | 397        |
| 103 | Southeast Boise                  | 100%                                       | 1,013  | 0          | 1,034      | 0          | 1,082      | 0          | 1,152      | 0          | 1,228      | 0          | 1,312      | 0          |
| 104 | Southeast Boise                  | 100%                                       | 804  | 498        | 871        | 530        | 911        | 555        | 970        | 594        | 1,034      | 635        | 1,104      | 679        |
| 105 | Southeast Boise                  | 100%                                       | 555  | 299        | 617        | 327        | 645        | 342        | 687        | 366        | 732        | 391        | 782        | 419        |
| 106 | Southeast Boise                  | 100%                                       | 384  | 184        | 542        | 253        | 567        | 265        | 604        | 284        | 644        | 303        | 688        | 324        |
| 107 | Southeast Boise                  | 100%                                       | 82   | 55         | 84         | 56         | 88         | 59         | 94         | 63         | 100        | 67         | 107        | 72         |
| 108 | Southeast Boise                  | 100%                                       | 780  | 479        | 797        | 489        | 833        | 512        | 887        | 548        | 945        | 586        | 1,010      | 627        |
| 109 | Southeast Boise                  | 100%                                       | 279  | 157        | 285        | 161        | 298        | 168        | 318        | 180        | 338        | 192        | 362        | 206        |
| 110 | Southeast Boise                  | 100%                                       | 2,270  | 1,135      | 2,468      | 1,225      | 2,582      | 1,283      | 2,748      | 1,371      | 2,930      | 1,466      | 3,130      | 1,569      |
| 111 | Southeast Boise                  | 100%                                       | 2,493  | 1,256      | 2,697      | 1,348      | 2,821      | 1,411      | 3,003      | 1,509      | 3,201      | 1,613      | 3,419      | 1,726      |
| 112 | Southeast Boise                  | 100%                                       | 1,895  | 937        | 2,086      | 1,022      | 2,182      | 1,071      | 2,322      | 1,145      | 2,476      | 1,224      | 2,645      | 1,309      |
| 113 | Southeast Boise                  | 100%                                       | 1,727  | 766        | 1,765      | 782        | 1,846      | 819        | 1,965      | 876        | 2,095      | 936        | 2,238      | 1,002      |
| 114 | Southeast Boise                  | 100%                                       | 779  | 373        | 796        | 381        | 832        | 399        | 886        | 427        | 944        | 457        | 1,009      | 489        |
| 115 | Southeast Boise                  | 100%                                       | 869  | 422        | 1,038      | 496        | 1,085      | 520        | 1,155      | 556        | 1,231      | 594        | 1,315      | 636        |
| 116 | Southeast Boise                  | 100%                                       | 1,679  | 854        | 1,865      | 938        | 1,950      | 982        | 2,076      | 1,050      | 2,213      | 1,122      | 2,364      | 1,201      |
| 117 | Southeast Boise                  | 100%                                       | 724  | 411        | 889        | 485        | 930        | 508        | 990        | 543        | 1,056      | 581        | 1,128      | 621        |
| 118 | Southeast Boise                  | 100%                                       | 495  | 263        | 655        | 334        | 685        | 349        | 729        | 373        | 777        | 399        | 830        | 427        |
| 119 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 120 | Southeast Boise                  | 100%                                       | 1,191  | 579        | 1,217      | 591        | 1,273      | 619        | 1,355      | 662        | 1,444      | 707        | 1,543      | 757        |
| 121 | Southeast Boise                  | 100%                                       | 525  | 278        | 537        | 284        | 561        | 297        | 598        | 318        | 637        | 340        | 681        | 363        |
| 124 | Southeast Boise                  | 100%                                       | 662  | 257        | 676        | 262        | 707        | 275        | 753        | 294        | 802        | 314        | 857        | 336        |
| 125 | Southeast Boise                  | 100%                                       | 629  | 274        | 642        | 280        | 672        | 293        | 715        | 313        | 762        | 335        | 814        | 358        |
| 127 | Southeast Boise                  | 100%                                       | 305  | 100        | 361        | 123        | 378        | 129        | 402        | 138        | 429        | 148        | 458        | 158        |
| 133 | Southeast Boise                  | 100%                                       | 527  | 192        | 539        | 196        | 564        | 206        | 600        | 220        | 640        | 235        | 683        | 251        |
| 134 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 135 | Southeast Boise                  | 100%                                       | 536  | 235        | 548        | 240        | 573        | 251        | 610        | 269        | 650        | 287        | 695        | 307        |
| 136 | Southeast Boise                  | 100%                                       | 542  | 238        | 554        | 243        | 580        | 255        | 617        | 272        | 658        | 291        | 703        | 311        |
| 137 | Southeast Boise                  | 100%                                       | 565  | 259        | 577        | 264        | 604        | 277        | 643        | 296        | 685        | 317        | 732        | 339        |
| 138 | Southeast Boise                  | 100%                                       | 826  | 338        | 844        | 345        | 883        | 361        | 940        | 386        | 1,002      | 413        | 1,071      | 442        |
| 139 | Southeast Boise                  | 100%                                       | 348  | 179        | 355        | 183        | 371        | 192        | 395        | 205        | 422        | 219        | 450        | 235        |
| 140 | Southeast Boise                  | 100%                                       | 950  | 432        | 970        | 441        | 1,015      | 462        | 1,080      | 494        | 1,151      | 528        | 1,230      | 565        |
| 141 | Southeast Boise                  | 100%                                       | 606  | 264        | 619        | 270        | 647        | 282        | 689        | 302        | 735        | 323        | 785        | 345        |
| 142 | Southeast Boise                  | 100%                                       | 566  | 228        | 578        | 233        | 605        | 244        | 644        | 261        | 687        | 279        | 733        | 298        |
| 143 | Southeast Boise                  | 100%                                       | 165  | 71         | 168        | 72         | 176        | 76         | 188        | 81         | 200        | 86         | 214        | 93         |
| 144 | Southeast Boise                  | 100%                                       | 416  | 184        | 425        | 188        | 445        | 197        | 473        | 211        | 505        | 225        | 539        | 241        |
| 145 | Southeast Boise                  | 100%                                       | 907  | 395        | 926        | 404        | 969        | 423        | 1,032      | 452        | 1,100      | 483        | 1,175      | 517        |
| 146 | Southeast Boise                  | 100%                                       | 782  | 300        | 799        | 306        | 835        | 321        | 889        | 343        | 948        | 366        | 1,013      | 392        |
| 147 | Southeast Boise                  | 100%                                       | 713  | 241        | 729        | 246        | 762        | 258        | 811        | 276        | 865        | 295        | 924        | 315        |
| 148 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 149 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 150 | Southeast Boise                  | 100%                                       | 515  | 245        | 526        | 250        | 550        | 262        | 585        | 280        | 624        | 300        | 667        | 320        |
| 151 | Southeast Boise                  | 100%                                       | 2,481  | 955        | 2,535      | 976        | 2,651      | 1,022      | 2,822      | 1,092      | 3,009      | 1,168      | 3,214      | 1,249      |
| 152 | Southeast Boise                  | 100%                                       | 1,285  | 408        | 1,313      | 417        | 1,373      | 437        | 1,462      | 467        | 1,559      | 499        | 1,665      | 534        |
| 153 | Southeast Boise                  | 100%                                       | 270  | 83         | 276        | 84         | 289        | 88         | 307        | 95         | 328        | 101        | 350        | 108        |
| 154 | Southeast Boise                  | 100%                                       | 75   | 31         | 77         | 32         | 81         | 33         | 86         | 35         | 92         | 38         | 98         | 40         |
| 155 | Southeast Boise                  | 100%                                       | 277  | 150        | 283        | 154        | 296        | 161        | 315        | 172        | 336        | 184        | 359        | 197        |
| 156 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 157 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |            |
| 158 | Southeast Boise                  | 100%                                       | 1,440  | 510        | 1,471      | 521        | 1,539      | 545        | 1,638      | 583        | 1,746      | 623        | 1,866      | 667        |
| 159 | Southeast Boise                  | 100%                                       | 965  | 319        | 985        | 326        | 1,031      | 341        | 1,097      | 364        | 1,170      | 390        | 1,249      | 417        |
| 160 | Southeast Boise                  | 100%                                       | 683  | 224        | 698        | 229        | 730        | 240        | 777        | 256        | 829        | 274        | 885        | 293        |
| 161 | Southeast Boise                  | 100%                                       | 75   | 21         | 299        | 130        | 322        | 140        | 343        | 149        | 366        | 160        | 390        | 171        |
| 162 | Southeast Boise                  | 100%                                       | 5  | 4          | 5          | 4          | 6          | 4          | 6          | 5          | 6          | 5          | 7          | 5          |
| 163 | Southeast Boise                  | 100%                                       | 491  | 269        | 501        | 275        | 524        | 288        | 558        | 308        | 595        | 329        | 636        | 352        |
| 164 | Southeast Boise                  | 100%                                       | 774  | 340        | 791        | 347        | 827        | 363        | 880        | 388        | 938        | 415        | 1,002      | 444        |
| 165 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 166 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 167 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 168 | Southeast Boise                  | 100%                                       | 338  | 254        | 395        | 281        | 413        | 294        | 440        | 315        | 469        | 336        | 501        | 360        |
| 178 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 179 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 200 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 201 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 202 | Southeast Boise                  | 100%                                       | 13   | 5          | 13         | 5          | 14         | 5          | 15         | 6          | 16         | 6          | 17         | 7          |
| 203 | Southeast Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 126 | Southeast-Barber Valley          | 100%                                       | 1,508  | 494        | 1,540      | 505        | 1,611      | 528        | 1,715      | 565        | 1,828      | 604        | 1,953      | 646        |
| 128 | Southeast-Barber Valley          | 100%                                       | 1,363  | 685        | 1,392      | 700        | 1,456      | 733        | 1,550      | 784        | 1,652      | 838        | 1,765      | 896        |
| 129 | Southeast-Barber Valley          | 50%  | 1,019  | 398        | 1,041      | 407        | 1,089      | 426        | 1,159      | 456        | 1,236      | 487        | 1,320      | 521        |
| 130 | Southeast-Barber Valley          | 20%  | 4  | 3          | 4          | 3          | 4          | 3          | 4          | 3          | 5          | 3          | 5          | 3          |
| 132 | Southeast-Barber Valley          | 100%                                       | 606  | 240        | 619        | 245        | 647        | 257        | 689        | 274        | 735        | 293        | 785        | 314        |
| 204 | Southwest Boise                  | 100%                                       | 49   | 17         | 100        | 39         | 104        | 41         | 111        | 44         | 118        | 47         | 126        | 50         |
| 205 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 206 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 207 | Southwest Boise                  | 100%                                       | 568  | 209        | 580        | 214        | 607        | 224        | 646        | 239        | 689        | 256        | 736        | 274        |
| 208 | Southwest Boise                  | 100%                                       | 735  | 271        | 751        | 277        | 785        | 290        | 836        | 310        | 891        | 331        | 952        | 354        |
| 209 | Southwest Boise                  | 100%                                       | 207  | 78         | 261        | 101        | 273        | 106        | 291        | 113        | 310        | 121        | 331        | 129        |
| 210 | Southwest Boise                  | 100%                                       | 458  | 280        | 468        | 286        | 489        | 299        | 521        | 320        | 555        | 342        | 593        | 366        |
| 211 | Southwest Boise                  | 100%                                       | 165  | 60         | 168        | 61         | 176        | 64         | 188        | 68         | 200        | 73         | 214        | 78         |
| 212 | Southwest Boise                  | 100%                                       | 152  | 45         | 155        | 46         | 162        | 48         | 173        | 51         | 184        | 55         | 197        | 59         |
| 213 | Southwest Boise                  | 100%                                       | 188  | 84         | 192        | 85         | 201        | 89         | 214        | 96         | 228        | 102        | 243        | 109        |
| 214 | Southwest Boise                  | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 218 | Southwest Boise                  | 100%                                       | 1,388  | 523        | 1,418      | 534        | 1,483      | 559        | 1,578      | 598        | 1,683      | 639        | 1,797      | 684        |
| 219 | Southwest Boise                  | 100%                                       | 1,020  | 382        | 1,042      | 391        | 1,090      | 409        | 1,160      | 437        | 1,237      | 468        | 1,321      | 500        |
| 220 | Southwest Boise                  | 100%                                       | 1,985  | 698        | 2,028      | 713        | 2,121      | 747        | 2,258      | 798        | 2,406      | 853        | 2,571      | 913        |
| 221 | Southwest Boise                  | 100%                                       | 687  | 265        | 702        | 271        | 734        | 283        | 782        | 303        | 833        | 324        | 890        | 347        |
| 222 | Southwest Boise                  | 100%                                       | 876  | 283        | 895        | 289        | 936        | 303        | 997        | 323        | 1,062      | 346        | 1,135      | 370        |
| 223 | Southwest Boise                  | 100%                                       | 800  | 292        | 817        | 298        | 854        | 312        | 910        | 334        | 970        | 357        | 1,036      | 382        |
| 224 | Southwest Boise                  | 100%                                       | 1,159  | 384        | 1,184      | 393        | 1,239      | 411        | 1,319      | 440        | 1,406      | 470        | 1,502      | 503        |
| 225 | Southwest Boise                  | 100%                                       | 682  | 231        | 697        | 236        | 729        | 247        | 776        | 264        | 827        | 282        | 884        | 302        |
| 226 | Southwest Boise                  | 100%                                       | 80   | 40         | 81         | 41         | 85         | 43         | 91         | 46         | 97         | 49         | 103        | 52         |
| 227 | Southwest Boise                  | 100%                                       | 633  | 196        | 646        | 200        | 676        | 210        | 720        | 224        | 767        | 240        | 820        | 257        |
| 228 | Southwest Boise                  | 100%                                       | 422  | 149        | 431        | 153        | 451        | 160        | 480        | 171        | 512        | 183        | 547        | 195        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 229 | Southwest Boise                  | 100%                                       | 559  | 198        | 571        | 202        | 598        | 212        | 636        | 227        | 678        | 242        | 724        | 259        |
| 230 | Southwest Boise                  | 100%                                       | 183  | 70         | 187        | 71         | 195        | 75         | 208        | 80         | 222        | 85         | 237        | 91         |
| 231 | Southwest Boise                  | 100%                                       | 653  | 235        | 667        | 240        | 697        | 251        | 742        | 269        | 791        | 287        | 845        | 307        |
| 232 | Southwest Boise                  | 100%                                       | 422  | 156        | 431        | 160        | 451        | 167        | 480        | 179        | 512        | 191        | 547        | 205        |
| 233 | Southwest Boise                  | 100%                                       | 807  | 301        | 824        | 307        | 862        | 322        | 917        | 344        | 978        | 368        | 1,045      | 393        |
| 234 | Southwest Boise                  | 100%                                       | 602  | 218        | 615        | 223        | 643        | 233        | 685        | 249        | 730        | 267        | 780        | 285        |
| 235 | Southwest Boise                  | 100%                                       | 718  | 244        | 734        | 249        | 767        | 261        | 817        | 279        | 871        | 298        | 930        | 319        |
| 236 | Southwest Boise                  | 100%                                       | 143  | 50         | 151        | 52         | 163        | 56         | 179        | 62         | 196        | 68         | 216        | 75         |
| 237 | Southwest Boise                  | 100%                                       | 1,579  | 545        | 1,613      | 556        | 1,688      | 583        | 1,797      | 623        | 1,915      | 666        | 2,046      | 713        |
| 238 | Southwest Boise                  | 100%                                       | 228  | 71         | 241        | 74         | 260        | 80         | 285        | 88         | 313        | 97         | 345        | 107        |
| 239 | Southwest Boise                  | 100%                                       | 264  | 105        | 278        | 110        | 300        | 119        | 330        | 130        | 363        | 144        | 399        | 158        |
| 240 | Southwest Boise                  | 100%                                       | 391  | 128        | 412        | 135        | 444        | 146        | 488        | 160        | 536        | 176        | 591        | 194        |
| 241 | Southwest Boise                  | 100%                                       | 1,494  | 583        | 1,526      | 595        | 1,596      | 623        | 1,699      | 666        | 1,811      | 712        | 1,935      | 762        |
| 242 | Southwest Boise                  | 100%                                       | 1,113  | 438        | 1,137      | 448        | 1,189      | 469        | 1,265      | 501        | 1,349      | 536        | 1,441      | 573        |
| 243 | Southwest Boise                  | 100%                                       | 517  | 173        | 544        | 182        | 587        | 196        | 645        | 216        | 709        | 238        | 781        | 262        |
| 244 | Southwest Boise                  | 100%                                       | 161  | 73         | 170        | 76         | 183        | 82         | 201        | 91         | 221        | 100        | 243        | 110        |
| 246 | Southwest Boise                  | 100%                                       | 265  | 99         | 321        | 122        | 387        | 150        | 465        | 184        | 551        | 221        | 647        | 262        |
| 248 | Southwest Boise                  | 100%                                       | 1,111  | 494        | 1,135      | 505        | 1,187      | 528        | 1,263      | 565        | 1,347      | 604        | 1,439      | 646        |
| 251 | Southwest Boise                  | 100%                                       | 758  | 288        | 824        | 316        | 862        | 331        | 918        | 353        | 978        | 378        | 1,045      | 404        |
| 252 | Southwest Boise                  | 100%                                       | 770  | 319        | 836        | 347        | 875        | 364        | 931        | 389        | 993        | 416        | 1,060      | 445        |
| 253 | Southwest Boise                  | 100%                                       | 619  | 223        | 682        | 250        | 713        | 261        | 759        | 279        | 810        | 299        | 865        | 320        |
| 254 | Southwest Boise                  | 100%                                       | 888  | 325        | 957        | 353        | 1,001      | 370        | 1,066      | 396        | 1,136      | 423        | 1,214      | 452        |
| 255 | Southwest Boise                  | 100%                                       | 1,641  | 672        | 1,676      | 687        | 1,753      | 719        | 1,867      | 769        | 1,990      | 822        | 2,126      | 879        |
| 256 | Southwest Boise                  | 100%                                       | 386  | 139        | 395        | 142        | 413        | 149        | 440        | 159        | 469        | 170        | 501        | 182        |
| 257 | Southwest Boise                  | 100%                                       | 920  | 322        | 940        | 329        | 983        | 344        | 1,046      | 368        | 1,115      | 393        | 1,191      | 421        |
| 258 | Southwest Boise                  | 100%                                       | 779  | 274        | 796        | 280        | 832        | 293        | 886        | 313        | 944        | 335        | 1,009      | 358        |
| 259 | Southwest Boise                  | 100%                                       | 3,823  | 1,878      | 3,956      | 1,940      | 4,138      | 2,032      | 4,404      | 2,172      | 4,695      | 2,322      | 5,016      | 2,485      |
| 260 | Southwest Boise                  | 100%                                       | 772  | 296        | 813        | 311        | 877        | 335        | 963        | 369        | 1,059      | 406        | 1,167      | 447        |
| 261 | Southwest Boise                  | 100%                                       | 513  | 195        | 540        | 205        | 583        | 221        | 640        | 244        | 703        | 268        | 775        | 295        |
| 262 | Southwest Boise                  | 100%                                       | 5,892  | 2,361      | 6,019      | 2,412      | 6,295      | 2,526      | 6,701      | 2,700      | 7,144      | 2,887      | 7,631      | 3,089      |
| 263 | Southwest Boise                  | 100%                                       | 2,322  | 831        | 2,373      | 849        | 2,482      | 890        | 2,642      | 951        | 2,816      | 1,017      | 3,008      | 1,088      |
| 264 | Southwest Boise                  | 30%  | 193  | 63         | 222        | 72         | 262        | 85         | 288        | 94         | 317        | 103        | 349        | 114        |
| 265 | Southwest Boise                  | 100%                                       | 451  | 158        | 475        | 166        | 513        | 179        | 563        | 198        | 619        | 217        | 682        | 239        |
| 267 | Southwest Boise                  | 50%  | 830  | 293        | 848        | 300        | 887        | 314        | 945        | 335        | 1,007      | 359        | 1,076      | 384        |
| 268 | Southwest Boise                  | 100%                                       | 490  | 185        | 516        | 195        | 557        | 210        | 611        | 231        | 672        | 254        | 740        | 280        |
| 269 | Southwest Boise                  | 100%                                       | 181  | 65         | 190        | 68         | 205        | 73         | 226        | 81         | 248        | 89         | 273        | 98         |
| 272 | Southwest Boise                  | 100%                                       | 118  | 53         | 171        | 76         | 230        | 101        | 298        | 132        | 373        | 165        | 457        | 203        |
| 273 | Southwest Boise                  | 100%                                       | 487  | 145        | 513        | 153        | 553        | 165        | 607        | 181        | 668        | 200        | 736        | 220        |
| 276 | Southwest Boise                  | 100%                                       | 1,502  | 523        | 1,582      | 550        | 1,707      | 593        | 1,874      | 652        | 2,061      | 718        | 2,270      | 791        |
| 277 | Southwest Boise                  | 100%                                       | 1,530  | 527        | 1,612      | 554        | 1,739      | 597        | 1,909      | 657        | 2,099      | 723        | 2,312      | 797        |
| 279 | Southwest Boise                  | 100%                                       | 577  | 204        | 639        | 230        | 720        | 263        | 820        | 305        | 930        | 350        | 1,051      | 401        |
| 281 | Southwest Boise                  | 100%                                       | 478  | 195        | 574        | 235        | 707        | 289        | 885        | 363        | 1,110      | 457        | 1,395      | 576        |
| 282 | Southwest Boise                  | 100%                                       | 1,560  | 554        | 1,643      | 582        | 1,773      | 628        | 1,946      | 691        | 2,140      | 760        | 2,357      | 837        |
| 286 | Southwest Boise                  | 100%                                       | 16   | 12         | 166        | 77         | 327        | 148        | 401        | 181        | 483        | 218        | 575        | 259        |
| 289 | Southwest Boise                  | 100%                                       | 150  | 75         | 303        | 141        | 470        | 215        | 554        | 253        | 647        | 295        | 749        | 341        |
| 293 | Southwest Boise                  | 100%                                       | 1,983  | 693        | 2,184      | 764        | 2,464      | 862        | 2,829      | 994        | 3,252      | 1,146      | 3,746      | 1,323      |
| 294 | Southwest Boise                  | 100%                                       | 1,509  | 502        | 1,590      | 528        | 1,715      | 569        | 1,883      | 626        | 2,070      | 689        | 2,281      | 759        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 295 | Southwest Boise                  | 100%                                       | 256  | 118        | 312        | 143        | 377        | 172        | 455        | 207        | 541        | 246        | 636        | 289        |
| 297 | Southwest Boise                  | 100%                                       | 323  | 128        | 380        | 153        | 448        | 182        | 531        | 218        | 622        | 258        | 722        | 302        |
| 324 | Southwest Boise                  | 100%                                       | 25   | 11         | 25         | 11         | 26         | 11         | 27         | 12         | 28         | 12         | 29         | 13         |
| 325 | Southwest Boise                  | 100%                                       | 12   | 6          | 13         | 6          | 14         | 7          | 15         | 7          | 16         | 8          | 18         | 9          |
| 283 | Ten Mile Creek Rural             | 85%  | 0  | 0          | 42         | 18         | 88         | 38         | 139        | 61         | 195        | 86         | 258        | 113        |
| 284 | Ten Mile Creek Rural             | 100%                                       | 119  | 63         | 144        | 75         | 177        | 93         | 221        | 117        | 278        | 147        | 349        | 185        |
| 285 | Ten Mile Creek Rural             | 100%                                       | 149  | 56         | 302        | 122        | 469        | 195        | 553        | 231        | 645        | 272        | 748        | 316        |
| 287 | Ten Mile Creek Rural             | 100%                                       | 149  | 65         | 302        | 131        | 469        | 204        | 553        | 242        | 645        | 283        | 748        | 328        |
| 288 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 150        | 65         | 310        | 135        | 383        | 168        | 464        | 204        | 554        | 243        |
| 290 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 50         | 22         | 103        | 45         | 163        | 71         | 230        | 101        | 304        | 133        |
| 291 | Ten Mile Creek Rural             | 100%                                       | 44   | 25         | 48         | 27         | 54         | 31         | 62         | 36         | 72         | 41         | 83         | 48         |
| 292 | Ten Mile Creek Rural             | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 303 | Ten Mile Creek Rural             | 100%                                       | 129  | 60         | 282        | 126        | 448        | 199        | 530        | 236        | 621        | 277        | 722        | 322        |
| 305 | Ten Mile Creek Rural             | 100%                                       | 89   | 34         | 94         | 36         | 102        | 38         | 112        | 42         | 123        | 46         | 135        | 51         |
| 312 | Ten Mile Creek Rural             | 100%                                       | 21   | 7          | 22         | 7          | 24         | 8          | 26         | 9          | 29         | 10         | 32         | 11         |
| 315 | Ten Mile Creek Rural             | 15%  | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 411 | West Bench                       | 100%                                       | 1,443  | 557        | 1,503      | 580        | 1,603      | 619        | 1,740      | 675        | 1,891      | 736        | 2,060      | 803        |
| 412 | West Bench                       | 100%                                       | 1,715  | 611        | 1,786      | 637        | 1,905      | 680        | 2,067      | 741        | 2,247      | 808        | 2,447      | 881        |
| 413 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 414 | West Bench                       | 100%                                       | 1,364  | 678        | 1,421      | 706        | 1,515      | 754        | 1,644      | 822        | 1,787      | 896        | 1,947      | 978        |
| 415 | West Bench                       | 100%                                       | 661  | 247        | 696        | 260        | 751        | 280        | 824        | 308        | 906        | 339        | 999        | 373        |
| 416 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 417 | West Bench                       | 100%                                       | 1,405  | 497        | 1,463      | 518        | 1,560      | 553        | 1,694      | 602        | 1,841      | 657        | 2,005      | 716        |
| 418 | West Bench                       | 100%                                       | 1,328  | 616        | 1,384      | 642        | 1,476      | 686        | 1,602      | 747        | 1,741      | 815        | 1,896      | 889        |
| 419 | West Bench                       | 100%                                       | 1,000  | 299        | 1,041      | 311        | 1,110      | 332        | 1,205      | 362        | 1,310      | 395        | 1,427      | 431        |
| 420 | West Bench                       | 100%                                       | 1,897  | 761        | 1,976      | 792        | 2,108      | 846        | 2,288      | 922        | 2,486      | 1,005      | 2,708      | 1,097      |
| 421 | West Bench                       | 100%                                       | 1,243  | 396        | 1,294      | 413        | 1,380      | 441        | 1,498      | 480        | 1,628      | 524        | 1,774      | 571        |
| 422 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 423 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 424 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 425 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 426 | West Bench                       | 100%                                       | 1,197  | 440        | 1,247      | 458        | 1,330      | 490        | 1,443      | 534        | 1,569      | 582        | 1,709      | 635        |
| 427 | West Bench                       | 100%                                       | 1,341  | 436        | 1,397      | 454        | 1,490      | 485        | 1,617      | 529        | 1,757      | 576        | 1,914      | 629        |
| 428 | West Bench                       | 100%                                       | 849  | 275        | 885        | 286        | 943        | 306        | 1,024      | 333        | 1,113      | 363        | 1,212      | 396        |
| 429 | West Bench                       | 50%  | 221  | 97         | 232        | 102        | 251        | 110        | 275        | 121        | 303        | 133        | 333        | 146        |
| 430 | West Bench                       | 100%                                       | 454  | 158        | 478        | 166        | 516        | 179        | 567        | 198        | 623        | 217        | 686        | 239        |
| 431 | West Bench                       | 100%                                       | 1,313  | 546        | 1,368      | 568        | 1,459      | 607        | 1,583      | 662        | 1,721      | 721        | 1,874      | 787        |
| 432 | West Bench                       | 100%                                       | 896  | 296        | 944        | 311        | 1,018      | 335        | 1,118      | 369        | 1,229      | 406        | 1,354      | 447        |
| 433 | West Bench                       | 100%                                       | 1,438  | 549        | 1,498      | 571        | 1,598      | 610        | 1,734      | 665        | 1,885      | 725        | 2,053      | 791        |
| 434 | West Bench                       | 100%                                       | 1,156  | 460        | 1,204      | 479        | 1,284      | 512        | 1,394      | 558        | 1,515      | 608        | 1,650      | 663        |
| 435 | West Bench                       | 80%  | 1,714  | 637        | 1,785      | 664        | 1,904      | 709        | 2,067      | 773        | 2,246      | 842        | 2,447      | 919        |
| 437 | West Bench                       | 60%  | 158  | 60         | 166        | 63         | 180        | 68         | 197        | 75         | 217        | 82         | 239        | 90         |
| 438 | West Bench                       | 100%                                       | 410  | 173        | 432        | 182        | 466        | 196        | 512        | 216        | 563        | 238        | 620        | 262        |
| 439 | West Bench                       | 100%                                       | 2,137  | 802        | 2,226      | 835        | 2,374      | 892        | 2,576      | 972        | 2,800      | 1,059      | 3,050      | 1,156      |
| 443 | West Bench                       | 100%                                       | 1,135  | 459        | 1,183      | 478        | 1,261      | 511        | 1,369      | 557        | 1,488      | 607        | 1,621      | 662        |

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Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|-----|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|     |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|     |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 444 | West Bench                       | 100%                                       | 1,768  | 660        | 1,842      | 688        | 1,964      | 734        | 2,132      | 800        | 2,317      | 872        | 2,524      | 952        |
| 445 | West Bench                       | 100%                                       | 1,374  | 563        | 1,431      | 586        | 1,526      | 626        | 1,656      | 682        | 1,800      | 743        | 1,961      | 811        |
| 446 | West Bench                       | 50%  | 498  | 160        | 519        | 166        | 553        | 178        | 601        | 194        | 653        | 211        | 711        | 230        |
| 451 | West Bench                       | 100%                                       | 599  | 186        | 624        | 194        | 665        | 207        | 722        | 226        | 785        | 246        | 855        | 268        |
| 452 | West Bench                       | 50%  | 173  | 59         | 180        | 61         | 192        | 65         | 208        | 71         | 226        | 78         | 247        | 85         |
| 453 | West Bench                       | 100%                                       | 81   | 29         | 85         | 30         | 92         | 33         | 101        | 36         | 111        | 40         | 122        | 44         |
| 454 | West Bench                       | 100%                                       | 62   | 19         | 65         | 20         | 70         | 21         | 77         | 24         | 84         | 26         | 93         | 29         |
| 456 | West Bench                       | 100%                                       | 397  | 134        | 419        | 141        | 452        | 152        | 496        | 168        | 545        | 185        | 601        | 203        |
| 457 | West Bench                       | 100%                                       | 69   | 26         | 120        | 48         | 177        | 73         | 188        | 78         | 200        | 83         | 214        | 89         |
| 458 | West Bench                       | 100%                                       | 8  | 3          | 8          | 3          | 9          | 3          | 10         | 4          | 10         | 4          | 11         | 4          |
| 463 | West Bench                       | 100%                                       | 2,879  | 1,342      | 2,998      | 1,398      | 3,198      | 1,493      | 3,471      | 1,627      | 3,772      | 1,774      | 4,109      | 1,935      |
| 464 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 465 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 466 | West Bench                       | 100%                                       | 1,270  | 471        | 1,322      | 491        | 1,410      | 524        | 1,531      | 571        | 1,664      | 622        | 1,812      | 679        |
| 467 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 468 | West Bench                       | 100%                                       | 1,694  | 694        | 1,764      | 723        | 1,881      | 772        | 2,042      | 841        | 2,219      | 917        | 2,417      | 1,001      |
| 469 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 470 | West Bench                       | 100%                                       | 218  | 91         | 229        | 95         | 247        | 103        | 271        | 113        | 298        | 124        | 329        | 137        |
| 471 | West Bench                       | 100%                                       | 994  | 405        | 1,036      | 422        | 1,105      | 451        | 1,199      | 491        | 1,303      | 536        | 1,419      | 584        |
| 472 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 473 | West Bench                       | 100%                                       | 647  | 289        | 674        | 301        | 718        | 321        | 780        | 350        | 847        | 382        | 923        | 416        |
| 474 | West Bench                       | 100%                                       | 95   | 38         | 105        | 42         | 119        | 47         | 136        | 54         | 156        | 63         | 180        | 72         |
| 475 | West Bench                       | 100%                                       | 857  | 461        | 893        | 480        | 952        | 513        | 1,034      | 559        | 1,123      | 609        | 1,224      | 665        |
| 476 | West Bench                       | 100%                                       | 834  | 401        | 869        | 418        | 927        | 446        | 1,006      | 487        | 1,093      | 530        | 1,191      | 579        |
| 477 | West Bench                       | 25%  | 110  | 59         | 114        | 62         | 122        | 66         | 132        | 72         | 144        | 79         | 157        | 86         |
| 478 | West Bench                       | 100%                                       | 1,593  | 791        | 1,660      | 823        | 1,770      | 879        | 1,921      | 959        | 2,088      | 1,045      | 2,274      | 1,140      |
| 479 | West Bench                       | 100%                                       | 591  | 299        | 616        | 311        | 657        | 332        | 713        | 362        | 775        | 395        | 844        | 431        |
| 480 | West Bench                       | 100%                                       | 1,845  | 1,051      | 1,921      | 1,094      | 2,049      | 1,168      | 2,224      | 1,274      | 2,417      | 1,388      | 2,633      | 1,515      |
| 481 | West Bench                       | 100%                                       | 542  | 249        | 571        | 262        | 616        | 282        | 677        | 311        | 744        | 342        | 820        | 377        |
| 482 | West Bench                       | 100%                                       | 1,799  | 840        | 1,874      | 875        | 1,998      | 935        | 2,169      | 1,019      | 2,357      | 1,111      | 2,568      | 1,212      |
| 483 | West Bench                       | 100%                                       | 166  | 61         | 175        | 64         | 189        | 69         | 207        | 76         | 228        | 83         | 251        | 92         |
| 484 | West Bench                       | 100%                                       | 1,262  | 673        | 1,314      | 701        | 1,401      | 749        | 1,521      | 816        | 1,653      | 890        | 1,801      | 971        |
| 485 | West Bench                       | 100%                                       | 149  | 75         | 164        | 82         | 185        | 93         | 213        | 107        | 244        | 124        | 282        | 143        |
| 486 | West Bench                       | 100%                                       | 1,280  | 642        | 1,334      | 669        | 1,422      | 714        | 1,544      | 779        | 1,678      | 849        | 1,828      | 926        |
| 487 | West Bench                       | 100%                                       | 250  | 156        | 264        | 164        | 285        | 177        | 312        | 195        | 343        | 215        | 378        | 236        |
| 488 | West Bench                       | 100%                                       | 785  | 324        | 827        | 340        | 892        | 367        | 979        | 404        | 1,077      | 444        | 1,186      | 489        |
| 489 | West Bench                       | 100%                                       | 1,215  | 604        | 1,265      | 630        | 1,350      | 672        | 1,465      | 733        | 1,592      | 799        | 1,734      | 871        |
| 490 | West Bench                       | 100%                                       | 102  | 0          | 112        | 0          | 126        | 0          | 145        | 0          | 167        | 0          | 192        | 0          |
| 491 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 492 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 493 | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 494 | West Bench                       | 100%                                       | 601  | 304        | 626        | 316        | 668        | 338        | 725        | 368        | 788        | 401        | 858        | 438        |
| 495 | West Bench                       | 100%                                       | 1,422  | 639        | 1,482      | 666        | 1,580      | 711        | 1,715      | 775        | 1,864      | 845        | 2,030      | 922        |
| 496 | West Bench                       | 100%                                       | 3,365  | 1,472      | 3,504      | 1,533      | 3,737      | 1,637      | 4,057      | 1,784      | 4,409      | 1,945      | 4,802      | 2,122      |
| 497 | West Bench                       | 100%                                       | 1,392  | 538        | 1,450      | 560        | 1,546      | 598        | 1,678      | 652        | 1,824      | 711        | 1,986      | 775        |
| 498 | West Bench                       | 100%                                       | 260  | 92         | 274        | 96         | 296        | 104        | 325        | 114        | 357        | 126        | 393        | 139        |
| 499 | West Bench                       | 100%                                       | 571  | 235        | 602        | 247        | 649        | 266        | 713        | 293        | 784        | 323        | 863        | 355        |

Appendix A - Table A6

Forecast of Population and Households within Suez's Planning Area by TAZ 2010 - 2065 - Based Upon COMPASS Communities in Motion 2040 Forecast

| TAZ  | COMPASS Defined Demographic Area | Percent of TAZ within Suez's Planning Area | Forecasted Suez Planning Area Population and Households by TAZ |            |            |            |            |            |            |            |            |            |            |            |
|--|----------------------------------|--|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|  |                                  |  | 2040   |            | 2045       |            | 2050       |            | 2055       |            | 2060       |            | 2065       |            |
|  |                                  |  | Population   | Households | Population | Households | Population | Households | Population | Households | Population | Households | Population | Households |
| 500  | West Bench                       | 100%                                       | 253  | 95         | 267        | 99         | 288        | 107        | 316        | 118        | 348        | 130        | 383        | 143        |
| 502  | West Bench                       | 100%                                       | 837  | 251        | 882        | 264        | 952        | 284        | 1,045      | 313        | 1,149      | 345        | 1,266      | 380        |
| 504  | West Bench                       | 50%  | 146  | 51         | 154        | 54         | 166        | 58         | 182        | 64         | 200        | 70         | 221        | 78         |
| 506  | West Bench                       | 75%  | 694  | 326        | 722        | 339        | 770        | 362        | 835        | 395        | 909        | 430        | 990        | 469        |
| 507  | West Bench                       | 100%                                       | 110  | 55         | 121        | 60         | 136        | 68         | 156        | 79         | 180        | 91         | 207        | 105        |
| 508  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 509  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 510  | West Bench                       | 100%                                       | 1,216  | 439        | 1,266      | 457        | 1,351      | 488        | 1,466      | 532        | 1,593      | 580        | 1,735      | 633        |
| 511  | West Bench                       | 100%                                       | 1,593  | 701        | 1,660      | 730        | 1,770      | 780        | 1,921      | 850        | 2,088      | 926        | 2,274      | 1,011      |
| 513  | West Bench                       | 100%                                       | 1,770  | 755        | 1,844      | 786        | 1,966      | 839        | 2,134      | 915        | 2,320      | 997        | 2,527      | 1,088      |
| 514  | West Bench                       | 100%                                       | 1,430  | 651        | 1,490      | 678        | 1,589      | 724        | 1,725      | 790        | 1,874      | 861        | 2,042      | 939        |
| 515  | West Bench                       | 100%                                       | 883  | 407        | 920        | 424        | 981        | 453        | 1,065      | 494        | 1,157      | 538        | 1,260      | 587        |
| 516  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 517  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 518  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 519  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 520  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 521  | West Bench                       | 100%                                       | 1,288  | 588        | 1,342      | 613        | 1,431      | 655        | 1,553      | 713        | 1,688      | 778        | 1,839      | 848        |
| 522  | West Bench                       | 100%                                       | 82   | 56         | 91         | 61         | 102        | 69         | 118        | 80         | 135        | 92         | 156        | 106        |
| 523  | West Bench                       | 20%  | 185  | 84         | 193        | 88         | 206        | 94         | 223        | 102        | 243        | 111        | 265        | 121        |
| 524  | West Bench                       | 100%                                       | 1,677  | 1,013      | 1,747      | 1,055      | 1,863      | 1,126      | 2,022      | 1,228      | 2,197      | 1,338      | 2,393      | 1,460      |
| 525  | West Bench                       | 100%                                       | 1,587  | 769        | 1,653      | 801        | 1,763      | 855        | 1,914      | 932        | 2,080      | 1,016      | 2,266      | 1,108      |
| 526  | West Bench                       | 100%                                       | 876  | 396        | 913        | 413        | 973        | 441        | 1,056      | 480        | 1,148      | 524        | 1,251      | 571        |
| 527  | West Bench                       | 100%                                       | 296  | 199        | 308        | 207        | 329        | 221        | 357        | 241        | 388        | 263        | 423        | 287        |
| 528  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 529  | West Bench                       | 100%                                       | 1,095  | 540        | 1,140      | 562        | 1,216      | 600        | 1,320      | 654        | 1,434      | 713        | 1,562      | 778        |
| 530  | West Bench                       | 100%                                       | 302  | 114        | 315        | 118        | 335        | 126        | 364        | 138        | 396        | 150        | 431        | 164        |
| 531  | West Bench                       | 100%                                       | 1,495  | 748        | 1,557      | 779        | 1,661      | 832        | 1,802      | 907        | 1,959      | 988        | 2,134      | 1,078      |
| 532  | West Bench                       | 100%                                       | 73   | 26         | 80         | 29         | 90         | 32         | 103        | 37         | 119        | 43         | 137        | 49         |
| 533  | West Bench                       | 100%                                       | 0  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| 534  | West Bench                       | 100%                                       | 75   | 37         | 83         | 41         | 94         | 46         | 108        | 53         | 124        | 61         | 143        | 70         |
| 536  | West Bench                       | 100%                                       | 57   | 16         | 62         | 18         | 70         | 20         | 81         | 23         | 93         | 26         | 107        | 30         |
| 655  | West Bench                       | 100%                                       | 255  | 105        | 410        | 172        | 583        | 247        | 780        | 334        | 999        | 430        | 1,126      | 486        |
| 656  | West Bench                       | 100%                                       | 68   | 38         | 68         | 38         | 69         | 39         | 72         | 41         | 76         | 43         | 79         | 45         |
| Suez's Planning Area.....                            |                                  |  | 345,259  | 150,043    | 364,083    | 158,215    | 389,126    | 169,290    | 422,387    | 184,526    | 459,154    | 201,134    | 499,708    | 219,236    |
| 5-Year Absolute Change.....                          |                                  |  | 27,735   | 15,749     | 18,824     | 8,173      | 25,043     | 11,075     | 33,261     | 15,236     | 36,767     | 16,607     | 40,554     | 18,102     |
| Ada County.....                                      |                                  |  | 663,958  | 255,676    | 719,507    | 278,160    | 780,858    | 302,621    | 847,449    | 329,396    | 919,699    | 359,244    | 998,120    | 391,798    |
| 5-Year Absolute Change.....                          |                                  |  | 69,131   | 35,071     | 43,723     | 4,727      | 61,351     | 24,461     | 66,591     | 26,775     | 72,250     | 29,848     | 78,421     | 32,554     |
| Suez's Planning Area as a Percent of Ada County..... |                                  |  | 52.0%  | 58.7%      | 50.6%      | 56.9%      | 49.8%      | 55.9%      | 49.8%      | 56.0%      | 49.9%      | 56.0%      | 50.1%      | 56.0%      |

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# **Suez Water Idaho Inc.**

Appendix A  
to

**Suez**

## **Master Water Plan 2015-2065**

**Table A7**

### **Comparison of Residential Water Use per Customer with a Second Source for NPI Water Used for Household Irrigation**

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**Analysis and Comparison of Residential Water Use per Customer with  
a Second Source for NPI Water Used for Household Irrigation**

| <u>Book Area</u>   | <u>Area with 2nd Source for NPI Water</u> | <u>Number of Customers</u> | <u>Total Water Use</u> | <u>Average Water Use/Customer</u> |
|--|---|----------------------------|------------------------|-----------------------------------|
| 160  | Yes                                       | 102                        | 7,964                  | 78.1                              |
| 162  | Yes                                       | 141                        | 16,319                 | 115.7                             |
| 171  | No  | 232                        | 65,425                 | 282.0                             |
| 173  | No  | 188                        | 60,015                 | 303.1                             |
| 793  | Yes                                       | 431                        | 35,008                 | 81.2                              |
| 840  | No  | 217                        | 53,784                 | 247.9                             |
| (1) Average Annual Water Use per Residential Customer for Customers with Access to a Secondary Source of NPI Water for Residential Irrigation.....   |   |                            |                        | 88.0                              |
| From Annual Billings for the residential customers within United Water Idaho's "Book Areas" (Meter Reading Routes) # 160, 162, & 793 which consist primarily of new residential subdivisions with NPI water systems in addition to United Water Idaho's distribution system for potable water. |   |                            |                        |                                   |
| (2) Average Annual Water Use per Residential Customer for Customers without Access to NPI Water Sources for Residential Irrigation.....  |   |                            |                        | 277.0                             |
| From Annual Billings for the residential customers within United Water Idaho's "Book Areas" (Meter Reading Routes) # 171, 173, & 840 which were determined to be established residential subdivisions that had been developed without access to NPI water sources for residential irrigation.  |   |                            |                        |                                   |
| (3) Absolute Difference in Average Annual Water Use per Customer .....   |   |                            |                        | (189.0)                           |
| (2) above minus (1)  |   |                            |                        |                                   |
| (4) Residential Customer Water Use (with a 2nd Source for NPI Water) as a Percent of Residential Customer Water Use for Customers without access to NPI Water Sources.....   |   |                            |                        | 31.76%                            |

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# **Suez Water Idaho Inc.**

Appendix A  
to  
**Suez**  
**Master Water Plan 2015-2065**

**Tables A8(a) through A8(d)**

**Detailed Regression Analysis Information  
for Statistical Regressions Utilized to Forecast  
Suez's Water Demand and Customer Growth  
for the Residential and Commercial Customer Classes**

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**Residential Customer Regression**

**Table A8(a)**  
Page 1 of 2

| Variables Entered/Removed |                     |                   |        |
|---------------------------|---------------------|-------------------|--------|
| Model                     | Variables Entered   | Variables Removed | Method |
| 1                         | BIN2, NHT, TREND(a) |                   | Enter  |

| Model Summary |       |             |                   |                        |
|---------------|-------|-------------|-------------------|------------------------|
| Model         | R     | R Square(a) | Adjusted R Square | Std. Error of the Est. |
| 1             | 1.000 | 1.000       | 1.000             | 732                    |

| ANOVA |            |                 |     |                 |             |       |
|-------|------------|-----------------|-----|-----------------|-------------|-------|
| Model |            | Sum of Squares  | df  | Mean Square     | F           | Sig.  |
| 1     | Regression | 501,007,100,175 | 3   | 167,302,366,725 | 349,162.694 | 0.000 |
|       | Residual   | 129,816,783     | 242 | 536,433         |             |       |
|       | Total      | 562,036,976,958 | 245 |                 |             |       |

| Coefficients(a,b) |       |                     |            |                   |         |       |
|-------------------|-------|---------------------|------------|-------------------|---------|-------|
| Model             |       | Unstandardized Coef | Std. Error | Standardized Coef | t       | Sig.  |
| 1                 |       | B                   |            | Beta              |         |       |
|                   | TREND | -53.080             | 2.260      | (0)               | -23.484 | 0.000 |
|                   | NHT   | 0.617               | 0.005      | 1                 | 118.185 | 0.000 |
|                   | BIN2  | 4,261.004           | 149.158    | 0                 | 28.567  | 0.000 |

| Casewise Diagnostics |               |        |                 |          |
|----------------------|---------------|--------|-----------------|----------|
| Case Number          | Std. Residual | RESID  | Predicted Value | Residual |
| 1                    | -1.011        | 34,036 | 35,878          | (741)    |
| 2                    | -1.107        | 34,992 | 35,803          | (811)    |
| 3                    | -1.184        | 35,062 | 35,630          | (897)    |
| 4                    | -1.159        | 35,207 | 36,056          | (849)    |
| 5                    | -1.183        | 35,317 | 36,183          | (867)    |
| 6                    | -1.211        | 35,423 | 36,310          | (887)    |
| 7                    | -1.234        | 35,533 | 36,437          | (903)    |
| 8                    | -1.179        | 35,613 | 36,478          | (863)    |
| 9                    | -1.068        | 35,733 | 36,518          | (782)    |
| 10                   | -1.067        | 35,774 | 36,555          | (781)    |
| 11                   | -1.032        | 35,839 | 36,595          | (758)    |
| 13                   | -1.354        | 35,682 | 36,673          | (992)    |
| 14                   | -1.329        | 35,739 | 36,713          | (974)    |
| 15                   | -1.285        | 35,811 | 36,752          | (941)    |
| 16                   | -1.136        | 36,959 | 36,792          | (832)    |
| 17                   | -1.038        | 36,071 | 36,831          | (760)    |
| 25                   | -1.030        | 36,078 | 36,832          | (754)    |
| 42                   | 1.056         | 37,577 | 36,803          | 773      |
| 43                   | 1.210         | 37,694 | 36,808          | 866      |
| 44                   | 1.288         | 37,778 | 36,836          | 943      |
| 45                   | 1.425         | 37,908 | 36,862          | 1,044    |
| 46                   | 1.447         | 37,949 | 36,889          | 1,060    |
| 47                   | 1.504         | 38,018 | 36,918          | 1,102    |
| 48                   | 1.569         | 38,107 | 36,943          | 1,164    |
| 49                   | 1.486         | 38,059 | 36,970          | 1,089    |
| 50                   | 1.533         | 38,120 | 36,997          | 1,123    |
| 51                   | 1.601         | 38,197 | 37,024          | 1,173    |
| 52                   | 1.780         | 38,355 | 37,051          | 1,304    |
| 53                   | 1.906         | 38,474 | 37,079          | 1,396    |
| 54                   | 2.027         | 38,590 | 37,106          | 1,484    |
| 55                   | 2.154         | 38,710 | 37,133          | 1,577    |
| 56                   | 2.177         | 38,797 | 37,202          | 1,594    |
| 57                   | 2.261         | 38,928 | 37,272          | 1,656    |
| 58                   | 2.226         | 38,972 | 37,342          | 1,630    |

|     |        |        |        |         |
|-----|--------|--------|--------|---------|
| 59  | 2.227  | 39,043 | 37,412 | 1,631   |
| 60  | 2.257  | 39,135 | 37,481 | 1,653   |
| 75  | 1.028  | 38,950 | 38,203 | 753     |
| 76  | 1.208  | 39,117 | 38,232 | 885     |
| 77  | 1.334  | 39,238 | 38,261 | 977     |
| 78  | 1.456  | 39,356 | 38,290 | 1,066   |
| 79  | 1.563  | 39,479 | 38,319 | 1,160   |
| 80  | 1.517  | 39,568 | 38,456 | 1,111   |
| 81  | 1.513  | 39,701 | 38,593 | 1,108   |
| 82  | 1.387  | 39,746 | 38,730 | 1,016   |
| 83  | 1.298  | 39,818 | 38,868 | 951     |
| 84  | 1.239  | 39,912 | 39,005 | 907     |
| 85  | 1.264  | 40,068 | 39,142 | 926     |
| 86  | 1.165  | 40,132 | 39,279 | 853     |
| 87  | 1.088  | 40,213 | 39,416 | 797     |
| 88  | 1.128  | 40,379 | 39,553 | 826     |
| 89  | 1.112  | 40,505 | 39,690 | 815     |
| 90  | 1.092  | 40,627 | 39,827 | 800     |
| 105 | 1.161  | 42,939 | 42,088 | 851     |
| 144 | -1.010 | 47,078 | 47,818 | (740)   |
| 146 | -1.078 | 47,264 | 48,054 | (700)   |
| 147 | -1.220 | 47,278 | 48,172 | (894)   |
| 148 | -1.267 | 47,340 | 48,290 | (950)   |
| 149 | -1.248 | 47,494 | 48,408 | (914)   |
| 150 | -1.200 | 47,647 | 48,526 | (879)   |
| 151 | -1.085 | 47,840 | 48,644 | (795)   |
| 152 | -1.159 | 47,888 | 48,764 | (876)   |
| 153 | -1.158 | 48,036 | 48,884 | (848)   |
| 154 | -1.437 | 47,052 | 49,004 | (1,052) |
| 155 | -1.612 | 47,944 | 49,124 | (1,180) |
| 156 | -1.078 | 48,455 | 49,245 | (790)   |
| 157 | -1.129 | 48,538 | 49,365 | (827)   |
| 158 | -1.192 | 48,612 | 49,485 | (873)   |
| 159 | -1.541 | 48,476 | 49,605 | (1,129) |
| 171 | -1.132 | 50,287 | 51,110 | (829)   |
| 172 | -1.193 | 50,371 | 51,245 | (874)   |
| 173 | -1.103 | 50,566 | 51,374 | (808)   |
| 174 | -1.388 | 50,486 | 51,502 | (1,016) |
| 175 | -1.210 | 50,745 | 51,631 | (886)   |
| 176 | -1.461 | 50,700 | 51,770 | (1,070) |
| 177 | -1.358 | 50,914 | 51,909 | (965)   |
| 178 | -1.490 | 50,956 | 52,047 | (1,091) |
| 180 | -1.567 | 51,177 | 52,324 | (1,147) |
| 181 | -2.054 | 55,212 | 56,724 | (1,512) |
| 182 | -2.228 | 55,231 | 56,863 | (1,632) |
| 183 | -2.044 | 55,504 | 57,001 | (1,467) |
| 184 | -1.948 | 55,713 | 57,140 | (1,427) |
| 185 | -2.049 | 55,778 | 57,278 | (1,500) |
| 186 | -1.890 | 56,033 | 57,417 | (1,384) |
| 187 | -1.933 | 56,140 | 57,556 | (1,419) |
| 188 | -1.878 | 56,306 | 57,681 | (1,375) |
| 189 | -1.935 | 56,390 | 57,807 | (1,417) |
| 190 | -1.947 | 56,507 | 57,933 | (1,428) |
| 191 | -1.982 | 56,607 | 58,059 | (1,452) |
| 235 | 1.172  | 64,265 | 63,407 | 858     |
| 236 | 1.147  | 64,420 | 63,580 | 840     |
| 237 | 1.034  | 64,511 | 63,754 | 757     |

**Residential  
Customer  
Regression**

Table A8(a)  
Page 2 of 2

| Residuals Statistics(a,b) |            |           |           |                |     |
|---------------------------|------------|-----------|-----------|----------------|-----|
|                           | Minimum    | Maximum   | Mean      | Std. Deviation | N   |
| Predicted Value           | 35,676.13  | 65,140.89 | 46,018.70 | 9,618          | 245 |
| Residual                  | (1,631.55) | 1,655.82  | 24.00     | 729            | 245 |
| Std. Predicted Value      | (1.17)     | 1.89      | (0.00)    | 1              | 245 |
| Std. Residual             | (2.23)     | 2.28      | 0.03      | 1              | 245 |

Residential Use Per Customer Regression

Table A8(b)  
Page 1 of 2

| Variables Entered/Removed |  |                   |        |
|---------------------------|--|-------------------|--------|
| Model                     | Variables Entered  | Variables Removed | Method |
| 1                         | BIN1, PRICE503, BOCT, BJUL, BAUG, BSEP, BNOV, WPRECIP, TREND, WGDD |                   | Enter  |

| Model Summary |       |          |                   |                            |
|---------------|-------|----------|-------------------|----------------------------|
| Model         | R     | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1             | 0.988 | 0.973    | 0.972             | 1.40907                    |

| ANOVA |            |                |     |             |         |       |
|-------|------------|----------------|-----|-------------|---------|-------|
| Model |            | Sum of Squares | df  | Mean Square | F       | Sig.  |
| 1     | Regression | 16,817.173     | 10  | 1,681.717   | 847.011 | 0.000 |
|       | Residual   | 464.601        | 234 | 1.985       |         |       |
|       | Total      | 17,281.773     | 244 |             |         |       |

| Coefficients |            |                             |            |                           |        |       |
|--------------|------------|-----------------------------|------------|---------------------------|--------|-------|
| Model        |            | Unstandardized Coefficients |            | Standardized Coefficients |        | Sig.  |
|              |            | B                           | Std. Error | Beta                      | t      |       |
| 1            | (Constant) | 11.833                      | 0.722      |                           | 16.395 | 0.000 |
|              | PRICE503   | -4.373                      | 0.924      | -0.076                    | -4.734 | 0.000 |
|              | WPRECIP    | -0.307                      | 0.100      | -0.042                    | -3.068 | 0.002 |
|              | WGDD       | 0.012                       | 0.001      | 0.735                     | 22.366 | 0.000 |
|              | BAUG       | 4.646                       | 0.723      | 0.151                     | 6.430  | 0.000 |
|              | BSEP       | 6.332                       | 0.668      | 0.208                     | 9.667  | 0.000 |
|              | BOCT       | 4.979                       | 0.523      | 0.162                     | 9.518  | 0.000 |
|              | TREND      | -0.005                      | 0.002      | -0.039                    | -2.582 | 0.010 |
|              | BJUL       | 2.651                       | 0.567      | 0.086                     | 4.677  | 0.000 |
|              | BNOV       | 2.836                       | 0.372      | 0.092                     | 7.615  | 0.000 |
|              | BIN1       | 2.632                       | 0.172      | 0.173                     | 15.259 | 0.000 |

| Casewise Diagnostics |               |          |                 |          |
|----------------------|---------------|----------|-----------------|----------|
| Case Number          | Std. Residual | VAR00001 | Predicted Value | Residual |
| 5                    | -1.212        | 6.46     | 8.1623          | -1.7071  |
| 7                    | -1.807        | 17.10    | 19.3606         | -2.2647  |
| 9                    | -1.014        | 27.72    | 29.1519         | -1.4265  |
| 17                   | -1.217        | 8.61     | 10.3222         | -1.7147  |
| 20                   | 1.532         | 30.92    | 28.7656         | 2.1588   |
| 21                   | 1.795         | 29.52    | 26.9673         | 2.5300   |
| 23                   | -1.131        | 10.14    | 11.7306         | -1.5935  |
| 26                   | -1.427        | 7.34     | 9.3522          | -2.0104  |
| 30                   | -1.551        | 12.80    | 14.9865         | -2.1882  |
| 32                   | 1.382         | 32.22    | 30.3013         | 1.9188   |
| 33                   | 1.229         | 31.98    | 30.2508         | 1.7320   |
| 40                   | -1.225        | 6.27     | 7.9944          | -1.7260  |
| 42                   | 1.630         | 18.77    | 16.4708         | 2.2961   |
| 44                   | 1.021         | 28.26    | 26.8244         | 1.4369   |
| 45                   | 1.430         | 29.77    | 27.7540         | 2.0155   |
| 46                   | 1.824         | 25.29    | 22.7194         | 2.5696   |
| 47                   | 2.233         | 18.12    | 14.9722         | 3.1464   |
| 48                   | 2.048         | 10.91    | 8.0222          | 2.8663   |
| 53                   | -1.439        | 7.88     | 9.9027          | -2.0270  |
| 57                   | 1.966         | 31.22    | 28.4465         | 2.7709   |
| 58                   | -1.208        | 26.14    | 27.8341         | -1.6991  |
| 62                   | -1.159        | 5.21     | 6.8475          | -1.6336  |
| 65                   | -1.284        | 8.17     | 9.9798          | -1.8091  |
| 67                   | 1.153         | 24.66    | 23.0343         | 1.6248   |
| 68                   | 1.007         | 30.49    | 29.0710         | 1.4194   |

|     |        |       |         |         |
|-----|--------|-------|---------|---------|
| 69  | 1.013  | 29.74 | 28.3122 | 1.4271  |
| 75  | -1.146 | 5.66  | 7.2777  | -1.6145 |
| 76  | -1.364 | 6.40  | 8.3200  | -1.9223 |
| 80  | 1.264  | 25.65 | 23.6677 | 1.7808  |
| 91  | -1.068 | 18.11 | 19.6190 | -1.5050 |
| 92  | -1.337 | 26.48 | 28.3594 | -1.8834 |
| 94  | 1.270  | 25.52 | 23.7155 | 1.8029  |
| 95  | -1.360 | 17.87 | 19.7954 | -1.6287 |
| 96  | 1.776  | 10.09 | 7.5870  | 2.5029  |
| 99  | -1.212 | 5.53  | 7.2340  | -1.7084 |
| 100 | -1.331 | 6.82  | 8.6911  | -1.8758 |
| 102 | 1.293  | 18.63 | 16.8102 | 1.8226  |
| 104 | -1.828 | 24.87 | 27.4501 | -2.5759 |
| 106 | 1.045  | 23.79 | 22.3215 | 1.4720  |
| 107 | 1.679  | 16.37 | 14.0071 | 2.3653  |
| 108 | 1.135  | 9.17  | 7.5751  | 1.5997  |
| 113 | -2.110 | 6.09  | 9.0656  | -2.9737 |
| 114 | 1.648  | 10.74 | 8.4224  | 2.3200  |
| 116 | 1.672  | 24.72 | 22.3588 | 2.3562  |
| 118 | 1.036  | 21.63 | 20.1644 | 1.4641  |
| 119 | -1.260 | 16.51 | 16.2815 | -1.7749 |
| 120 | 1.580  | 9.00  | 8.7736  | 2.2269  |
| 132 | 2.080  | 8.04  | 5.9952  | 2.9434  |
| 142 | 1.198  | 22.08 | 21.2061 | 1.6846  |
| 154 | 1.722  | 23.82 | 21.9918 | 2.4271  |
| 155 | 1.311  | 15.26 | 13.4134 | 1.8469  |
| 156 | 1.553  | 8.81  | 6.6245  | 2.1889  |
| 160 | -1.242 | 5.16  | 6.6129  | -1.7507 |
| 166 | -1.648 | 20.21 | 22.9493 | -2.7443 |
| 167 | -1.295 | 17.00 | 18.8215 | -1.8253 |
| 168 | 1.090  | 8.33  | 6.8412  | 1.4930  |
| 172 | -1.014 | 5.34  | 6.7647  | -1.4282 |
| 175 | -2.045 | 15.23 | 18.1096 | -2.6821 |
| 178 | -1.734 | 20.75 | 23.1988 | -2.4430 |
| 179 | 2.222  | 16.53 | 13.4024 | 3.1312  |
| 180 | 1.888  | 18.62 | 15.9631 | 2.6599  |
| 187 | 1.627  | 21.38 | 19.0832 | 2.2930  |
| 197 | 1.505  | 10.27 | 8.1468  | 2.1210  |
| 199 | 1.706  | 23.55 | 21.0201 | 2.5307  |
| 200 | 1.240  | 26.26 | 27.5123 | 1.7472  |
| 201 | -1.762 | 25.28 | 27.7626 | -2.4826 |
| 202 | -1.169 | 18.91 | 20.5536 | -1.6475 |
| 204 | 1.346  | 7.78  | 5.8883  | 1.8602  |
| 208 | -1.411 | 4.38  | 6.3644  | -1.9888 |
| 212 | -1.818 | 24.31 | 26.8670 | -2.5612 |
| 216 | 1.303  | 8.24  | 6.3188  | 1.6209  |
| 222 | 2.137  | 15.36 | 12.3505 | 3.0115  |
| 224 | -1.829 | 25.28 | 27.8549 | -2.5771 |
| 225 | -1.549 | 24.64 | 27.1196 | -2.1823 |
| 228 | 1.485  | 8.02  | 5.6296  | 2.0924  |
| 235 | -1.678 | 18.98 | 21.7634 | -2.7869 |
| 236 | -1.858 | 26.71 | 29.3242 | -2.6179 |
| 237 | -2.023 | 24.46 | 27.3063 | -2.8503 |

**Residential Use Per Customer Regression**

Table A8(b)  
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**Residuals Statistics**

|                      | Minimum | Maximum | Mean    | Std. Deviation | N   |
|----------------------|---------|---------|---------|----------------|-----|
| Predicted Value      | 4.8192  | 31.1899 | 13.7447 | 8.30198        | 245 |
| Residual             | -2.9737 | 3.1484  | 0.0000  | 1.37989        | 245 |
| Std. Predicted Value | -1.075  | 2.101   | 0.000   | 1.000          | 245 |
| Std. Residual        | -2.110  | 2.233   | 0.000   | 0.979          | 245 |

**Commercial Customer Regression**

**Table A8(c)**  
Page 1 of 2

| Variables Entered/Removed |                   |                   |        |
|---------------------------|-------------------|-------------------|--------|
| Model                     | Variables Entered | Variables Removed | Method |
| 1                         | NAGA, BIN2, TREND |                   | Enter  |

| Model Summary |       |          |                   |                            |
|---------------|-------|----------|-------------------|----------------------------|
| Model         | R     | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1             | 0.965 | 0.971    | 0.970             | 242.05                     |

| ANOVA |            |                |     |                |          |      |
|-------|------------|----------------|-----|----------------|----------|------|
| Model |            | Sum of Squares | df  | Mean Square    | F        | Sig. |
| 1     | Regression | 486,238,717    | 3   | 165,412,905.54 | 2,852.66 | 0.00 |
|       | Residual   | 14,119,584     | 241 | 58,587.48      |          |      |
|       | Total      | 480,358,300    | 244 |                |          |      |

| Coefficients |            |                             |            |                           |       |      |
|--------------|------------|-----------------------------|------------|---------------------------|-------|------|
| Model        |            | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|              |            | B                           | Std. Error | Beta                      |       |      |
| 1            | (Constant) | 1,179,497                   | 115,586    |                           | 10.20 | 0.00 |
|              | TREND      | 17,586                      | 1,811      | 0.888                     | 9.71  | 0.00 |
|              | BIN2       | -445,337                    | 58,717     | -0.140                    | -7.85 | 0.00 |
|              | NAGA       | 0.008                       | 0.003      | 0.202                     | 2.14  | 0.03 |

| Casewise Diagnostics |               |       |                 |          |
|----------------------|---------------|-------|-----------------|----------|
| Case Number          | Std. Residual | COMMC | Predicted Value | Residual |
| 27                   | -1.002        | 3,839 | 4,082           | -243     |
| 36                   | -1.148        | 3,962 | 4,240           | -278     |
| 37                   | -1.153        | 4,001 | 4,280           | -279     |
| 38                   | -1.483        | 3,938 | 4,297           | -359     |
| 39                   | -1.528        | 3,845 | 4,315           | -370     |
| 40                   | -1.280        | 4,023 | 4,332           | -310     |
| 41                   | -1.123        | 4,078 | 4,350           | -272     |
| 42                   | -1.095        | 4,103 | 4,368           | -265     |
| 43                   | -1.152        | 4,106 | 4,385           | -279     |
| 44                   | -1.173        | 4,119 | 4,403           | -284     |
| 45                   | -1.193        | 4,132 | 4,420           | -289     |
| 46                   | -1.262        | 4,128 | 4,438           | -310     |
| 47                   | -1.481        | 4,102 | 4,455           | -354     |
| 48                   | -1.680        | 4,071 | 4,473           | -402     |
| 49                   | -1.781        | 4,108 | 4,539           | -431     |
| 50                   | -2.118        | 4,044 | 4,557           | -513     |
| 51                   | -2.182        | 4,051 | 4,574           | -523     |
| 52                   | -1.805        | 4,131 | 4,592           | -481     |
| 53                   | -1.743        | 4,188 | 4,609           | -422     |
| 54                   | -1.711        | 4,213 | 4,627           | -414     |
| 55                   | -1.769        | 4,216 | 4,644           | -428     |
| 56                   | -1.788        | 4,229 | 4,662           | -433     |
| 57                   | -1.807        | 4,242 | 4,680           | -437     |
| 58                   | -1.896        | 4,238 | 4,697           | -459     |
| 59                   | -2.078        | 4,212 | 4,715           | -503     |
| 60                   | -2.280        | 4,180 | 4,732           | -552     |
| 61                   | 1.345         | 5,120 | 4,795           | 328      |
| 64                   | 1.244         | 5,149 | 4,848           | 301      |
| 65                   | 1.464         | 5,220 | 4,865           | 354      |
| 66                   | 1.521         | 5,251 | 4,883           | 368      |
| 67                   | 1.467         | 5,256 | 4,900           | 355      |
| 68                   | 1.481         | 5,272 | 4,918           | 354      |
| 69                   | 1.456         | 5,288 | 4,936           | 352      |

|     |        |       |       |      |
|-----|--------|-------|-------|------|
| 70  | 1.363  | 5.283 | 4.953 | 330  |
| 71  | 1.153  | 5.250 | 4.971 | 279  |
| 73  | 1.567  | 5.438 | 5.056 | 379  |
| 74  | 1.143  | 5.351 | 5.074 | 277  |
| 75  | 1.109  | 5.390 | 5.092 | 268  |
| 76  | 1.472  | 5.468 | 5.109 | 356  |
| 77  | 1.711  | 5.541 | 5.127 | 414  |
| 78  | 1.776  | 5.574 | 5.144 | 430  |
| 79  | 1.723  | 5.579 | 5.162 | 417  |
| 80  | 1.721  | 5.598 | 5.179 | 417  |
| 81  | 1.720  | 5.613 | 5.197 | 416  |
| 82  | 1.626  | 5.608 | 5.215 | 393  |
| 83  | 1.408  | 5.573 | 5.232 | 341  |
| 84  | 1.164  | 5.532 | 5.250 | 282  |
| 85  | 1.041  | 5.562 | 5.310 | 252  |
| 89  | 1.195  | 5.670 | 5.380 | 289  |
| 90  | 1.283  | 5.704 | 5.398 | 308  |
| 91  | 1.211  | 5.709 | 5.416 | 293  |
| 92  | 1.210  | 5.726 | 5.433 | 293  |
| 93  | 1.211  | 5.744 | 5.451 | 293  |
| 94  | 1.110  | 5.739 | 5.468 | 270  |
| 105 | 1.110  | 5.976 | 5.706 | 270  |
| 106 | 1.014  | 5.969 | 5.723 | 246  |
| 116 | 1.016  | 6.242 | 5.996 | 246  |
| 159 | -1.270 | 6.623 | 6.931 | -308 |
| 168 | -1.197 | 6.799 | 7.089 | -290 |
| 169 | -1.606 | 6.791 | 7.180 | -389 |
| 170 | -1.720 | 6.781 | 7.197 | -418 |
| 171 | -1.648 | 6.816 | 7.215 | -399 |
| 172 | -1.253 | 6.929 | 7.232 | -303 |
| 178 | -1.066 | 7.075 | 7.336 | -263 |
| 180 | -1.442 | 7.024 | 7.373 | -349 |
| 184 | 1.328  | 7.366 | 7.644 | 322  |
| 185 | 1.413  | 7.404 | 7.662 | 342  |
| 186 | 1.439  | 7.428 | 7.680 | 348  |
| 187 | 1.375  | 7.430 | 7.697 | 333  |
| 188 | 1.335  | 7.438 | 7.715 | 323  |
| 189 | 1.320  | 7.452 | 7.732 | 320  |
| 190 | 1.252  | 7.453 | 7.750 | 303  |
| 191 | 1.084  | 7.430 | 7.768 | 282  |
| 229 | 4.016  | 8.934 | 7.962 | 972  |
| 230 | -1.810 | 7.540 | 7.980 | -440 |
| 231 | -1.872 | 7.544 | 7.997 | -453 |
| 240 | -1.031 | 7.906 | 8.155 | -249 |
| 241 | -1.095 | 7.908 | 8.173 | -265 |
| 242 | -1.215 | 7.917 | 8.211 | -294 |
| 243 | -1.199 | 7.939 | 8.229 | -290 |
| 244 | -1.183 | 7.960 | 8.246 | -286 |
| 245 | -1.227 | 7.967 | 8.264 | -297 |

**Commercial  
Customer  
Regression**

Table A8(c)  
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| Residuals Statistics |          |          |          |                |     |
|----------------------|----------|----------|----------|----------------|-----|
|                      | Minimum  | Maximum  | Mean     | Std. Deviation | N   |
| Predicted Value      | 3.566.17 | 8.283.90 | 6.020.67 | 1.382.32       | 245 |
| Residual             | -551.94  | 971.95   | 0.00     | 240.56         | 245 |
| Std. Predicted Value | -1.75    | 1.82     | 0.00     | 1.00           | 245 |
| Std. Residual        | -2.26    | 4.02     | 0.00     | 0.99           | 245 |

**Commercial Use Per Customer Regression**

Table A8(d)  
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| Variables Entered/Removed |  |                   |        |
|---------------------------|--|-------------------|--------|
| Model                     | Variables Entered                                      | Variables Removed | Method |
| 1                         | BJUL, BAUG, BNOV, BOCT, BSEP, PRICE\$03, WPRECIP, WGDD |                   | Enter  |

| Model Summary |       |          |                   |                            |
|---------------|-------|----------|-------------------|----------------------------|
| Model         | R     | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1             | 0.955 | 0.911    | 0.908             | 7.15708                    |

| ANOVA |            |                |     |             |         |       |
|-------|------------|----------------|-----|-------------|---------|-------|
| Model |            | Sum of Squares | df  | Mean Square | F       | Sig.  |
| 1     | Regression | 124,107.093    | 8   | 15,513.387  | 302.855 | 0.000 |
|       | Residual   | 12,088.814     | 236 | 51.224      |         |       |
|       | Total      | 136,195.907    | 244 |             |         |       |

| Coefficients |            |                             |            |                           |        |       |
|--------------|------------|-----------------------------|------------|---------------------------|--------|-------|
| Model        |            | Unstandardized Coefficients |            | Standardized Coefficients | t      | Sig.  |
|              |            | B                           | Std. Error | Beta                      |        |       |
| 1            | (Constant) | 48.810                      | 3.548      |                           | 13.768 | 0.000 |
|              | WGDD       | 0.031                       | 0.003      | 0.894                     | 11.811 | 0.000 |
|              | WPRECIP    | -0.811                      | 0.505      | -0.040                    | -1.607 | 0.109 |
|              | PRICE\$03  | -11.384                     | 3.393      | -0.071                    | -3.355 | 0.001 |
|              | BSEP       | 14.410                      | 3.548      | 0.187                     | 4.064  | 0.000 |
|              | BOCT       | 23.793                      | 2.633      | 0.278                     | 9.037  | 0.000 |
|              | BNOV       | 15.497                      | 1.842      | 0.180                     | 8.413  | 0.000 |
|              | BAUG       | 11.720                      | 3.070      | 0.136                     | 3.193  | 0.002 |
|              | BJUL       | 3.568                       | 2.877      | 0.041                     | 1.239  | 0.216 |

| Casewise Diagnostics |               |         |                 |          |
|----------------------|---------------|---------|-----------------|----------|
| Case Number          | Std. Residual | CDMMUPC | Predicted Value | Residual |
| 12                   | 1.330         | 47.30   | 37.7813         | 9.5198   |
| 17                   | -1.031        | 38.83   | 48.2124         | -7.3798  |
| 21                   | 1.301         | 97.38   | 88.0685         | 9.3108   |
| 23                   | -1.218        | 49.30   | 57.9982         | -8.7000  |
| 32                   | 2.124         | 107.01  | 91.8050         | 15.2021  |
| 34                   | 1.820         | 92.86   | 81.2691         | 11.5945  |
| 42                   | 1.119         | 70.83   | 62.8277         | 8.0065   |
| 44                   | 1.354         | 99.39   | 89.7015         | 9.6875   |
| 45                   | 1.070         | 98.05   | 90.3918         | 7.6548   |
| 47                   | 1.225         | 75.85   | 68.8779         | 8.7995   |
| 48                   | 2.540         | 58.87   | 40.4876         | 18.1823  |
| 55                   | 1.040         | 85.38   | 77.9159         | 7.4427   |
| 57                   | 2.308         | 108.87  | 92.3682         | 16.5008  |
| 58                   | 1.730         | 102.15  | 89.7843         | 12.3853  |
| 60                   | 1.902         | 55.29   | 41.6815         | 13.6096  |
| 65                   | -1.288        | 36.86   | 45.8787         | -9.2177  |
| 80                   | -1.825        | 83.17   | 68.2301         | -13.0607 |
| 84                   | 1.036         | 47.24   | 39.8283         | 7.4128   |
| 92                   | -1.813        | 82.80   | 94.3499         | -11.5469 |
| 98                   | 1.482         | 50.39   | 39.9198         | 10.4870  |
| 105                  | -1.403        | 83.81   | 93.8483         | -10.0388 |
| 113                  | -1.958        | 30.05   | 44.0457         | -13.9993 |
| 114                  | -1.575        | 45.04   | 56.3084         | -11.2707 |

|     |        |        |         |          |
|-----|--------|--------|---------|----------|
| 120 | 1.225  | 46.86  | 38.0666 | 8.7878   |
| 123 | -1.188 | 27.58  | 36.0883 | -8.5051  |
| 127 | -1.038 | 67.51  | 74.9455 | -7.4308  |
| 131 | 1.775  | 74.88  | 62.1764 | 12.7028  |
| 132 | 1.664  | 48.08  | 36.1711 | 11.9102  |
| 143 | 1.429  | 71.68  | 61.4521 | 10.2303  |
| 144 | 1.559  | 47.25  | 36.0944 | 11.1588  |
| 145 | 1.244  | 43.58  | 34.6811 | 8.9005   |
| 153 | 1.221  | 101.22 | 92.4866 | 8.7372   |
| 155 | 1.403  | 74.13  | 64.0884 | 10.0380  |
| 160 | -1.069 | 31.14  | 38.9340 | -7.7963  |
| 166 | -1.145 | 83.92  | 92.1177 | -8.1973  |
| 167 | 1.101  | 72.49  | 64.6126 | 7.8770   |
| 168 | 1.255  | 47.82  | 38.8388 | 8.9787   |
| 175 | -1.283 | 56.24  | 65.4182 | -9.1799  |
| 176 | -1.654 | 81.28  | 93.1211 | -11.8389 |
| 180 | 2.631  | 56.35  | 37.5218 | 18.8330  |
| 186 | 3.116  | 71.66  | 49.3549 | 22.3003  |
| 188 | 2.710  | 108.54 | 89.1509 | 19.3931  |
| 191 | -1.620 | 53.91  | 65.5071 | -11.5977 |
| 198 | 2.379  | 71.95  | 54.9428 | 17.0087  |
| 200 | 2.058  | 108.22 | 93.4948 | 14.7283  |
| 203 | -1.924 | 46.01  | 59.7745 | -13.7676 |
| 204 | 1.205  | 45.40  | 36.7733 | 8.6256   |
| 208 | 1.057  | 45.65  | 38.0793 | 7.5671   |
| 210 | 1.084  | 62.71  | 54.9539 | 7.7579   |
| 211 | 2.168  | 87.16  | 71.6497 | 15.5151  |
| 212 | 1.754  | 104.50 | 91.9458 | 12.5606  |
| 213 | -3.326 | 73.54  | 97.3389 | -23.8032 |
| 215 | -1.141 | 56.68  | 64.8478 | -8.1696  |
| 219 | -1.251 | 27.35  | 36.3072 | -8.9526  |
| 221 | -1.749 | 28.11  | 40.6310 | -12.5205 |
| 222 | 1.218  | 62.88  | 54.1683 | 8.7138   |
| 224 | -2.780 | 74.95  | 94.7045 | -19.7549 |
| 225 | 1.193  | 99.53  | 90.9899 | 8.5390   |
| 231 | -1.428 | 26.25  | 36.4728 | -10.2221 |
| 232 | -1.277 | 29.05  | 38.1880 | -9.1381  |
| 233 | -1.194 | 31.71  | 40.2543 | -8.5446  |
| 235 | -1.342 | 66.22  | 75.8211 | -9.6053  |
| 237 | -1.668 | 86.66  | 98.6026 | -11.9395 |
| 238 | -1.934 | 81.38  | 95.2280 | -13.8446 |
| 239 | -1.497 | 59.26  | 69.9727 | -10.7165 |
| 241 | -1.015 | 27.80  | 35.0682 | -7.2662  |
| 243 | -1.430 | 26.21  | 36.4451 | -10.2331 |
| 244 | -1.123 | 32.81  | 40.6455 | -8.0355  |

**Commercial  
Use Per  
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Table A8(d)  
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**Residuals Statistics**

|                      | Minimum  | Maximum | Mean    | Std. Deviation | N   |
|----------------------|----------|---------|---------|----------------|-----|
| Predicted Value      | 33.3626  | 99.3566 | 57.3630 | 22.55295       | 245 |
| Residual             | -23.8032 | 22.3003 | 0.0000  | 7.03877        | 245 |
| Std. Predicted Value | -1.066   | 1.861   | 0.000   | 1.000          | 245 |
| Std. Residual        | -3.326   | 3.116   | 0.000   | 0.983          | 245 |