

## **Purpose, Goals & Key References**

### **Comprehensive Aquifer Management Planning (CAMP)**

The 2008 Legislature approved [House Bill 428](#) and [House Bill 644](#) establishing the [Statewide Comprehensive Aquifer Planning and Management Program](#) (42-1779) and the [Aquifer Planning and Management Fund](#) (42-1780). This legislation authorizes characterization and planning efforts for ten different basins in the next 10 years.

The Aquifer Planning and Management Program is designed to provide the Idaho Water Resource Board and the Idaho Department of Water Resources with the necessary information to develop plans for managing ground and surface water resources into the future. The program has two phases:

1. A technical component to characterize the surface and ground water resources of each basin, and
2. A planning component that will integrate the technical knowledge with an assessment of current and projected future water uses and constraints

This program will culminate with the development of long-range plans for conjunctively managing the water resources of each basin which integrates hydrologic realities with the social needs.

The water management plans will be designed to address water supply and demand issues looking out 50 years into the future . The program is intended to investigate strategies and develop plans which will lead to sustainable water supplies and optimum use of the water resources.

### **Treasure Valley (TV) Comprehensive Aquifer Management Plan (CAMP)**

The Idaho Water Resource Board has been tasked with developing the Treasure Valley (TV) Comprehensive Management Plan (CAMP). The objective of the Plan will be to address water supply and demand needs over the next 50 years. The specific goals of the TV CAMP are to:

- Provide reliable sources of water, projecting 50 years in to the future
- Develop strategies to avoid conflicts over water resources
- Prioritize future state investments in water
- Bridge the gaps between future water needs and supply

## Background Resources:

### ***Idaho Water Resource Board***

<http://www.idwr.idaho.gov/waterboard/>

Duties and authorities include: comprehensive basin planning, protected rivers designations, minimum stream flow program, water project financing, water supply banks and water rentals.

### ***North Ada County Hydrogeologic Investigation***

<http://www.idwr.idaho.gov/WaterInformation/projects/nac/>

The North Ada County Hydrologic Investigation was initiated to develop a better understanding of water resources in North Ada County and to evaluate potential impacts from proposed developments on the water resources of the area.

### ***East Ada County Hydrologic Project***

<http://www.idwr.idaho.gov/WaterInformation/Projects/eada/>

The East Ada County Hydrologic Project was initiated in 2008 as part of the Treasure Valley CAMP and is scheduled to take four years to complete. The project was initiated to help provide a scientific foundation for the management of aquifers in the Treasure Valley and to evaluate potential impacts from proposed residential developments along the I-84 corridor to Mountain Home.

### ***Treasure Valley Hydrologic Project***

<http://www.idwr.idaho.gov/WaterInformation/projects/tvhp-revised/>

The Treasure Valley Hydrologic Project was formed to develop a better understanding of water resources in the Treasure Valley and to evaluate changes in regional and local ground water conditions. These webpages provide a project description, project reports, and selected project data.

### ***Domestic, Commercial, Municipal and Industrial Water Demand Assessment and Forecast in Ada and Canyon Counties, Idaho***

[http://www.idwr.idaho.gov/waterboard/WaterPlanning/PDFs/DCMI\\_Report.pdf](http://www.idwr.idaho.gov/waterboard/WaterPlanning/PDFs/DCMI_Report.pdf)

This report describes a cooperative effort between the Community Planning Association of Ada and Canyon Counties (COMPASS), the United States Geological Survey (USGS),

and the Idaho Department of Water Resources (IDWR) to assess current DCMI water-use conditions and project future needs. The U.S. Bureau of Reclamation (USBR) provided the funding for the project.

DCMI water demand estimates were calculated for the entire populations of Ada and Canyon counties. The study used an end-use, sector-based approach in which water demand coefficients were calculated for all major categories of DCMI water demand for the years 2000 to 2025 in five-year increments using data from 1997 and 1998 as the baseline. Using the term residential to describe domestic water demand, sectors reflecting an end-use approach are residential single-family, residential multi-family, municipal, commercial, and industrial.

### ***Boise River Interim Feasibility Study***

<http://www.nww.usace.army.mil/boise/brifs/default.asp>

The IWRB is partnering with the U.S. Army Corps of Engineers to perform the Boise River Interim Feasibility study. It is one of the technical studies associated with the Treasure Valley Comprehensive Aquifer Management Plan and is designed to assess water storage potential in the Boise River drainage for the purposes of future water supply and flood protection. The intent of this study is to build off of the U.S. Bureau of Reclamation's 2006 *Boise/Payette Water Storage Assessment* to provide preliminary level designs, cost estimates, schedules, and a summary of social and environmental constraints for a short list of storage options.

### ***Southeast Boise Ground Water Management Area***

[http://www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/SoutheastBoise/seb\\_gwma.htm](http://www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/SoutheastBoise/seb_gwma.htm)

The Southeast Boise GWMA, located in Ada County, was established by the Director, IDWR, on October 14, 1994. The Order establishing the management area and included the requirement for the formation of an advisory committee. This precedent-setting requirement delineated the responsibilities and membership for the advisory committee. On March 9, 2001, the advisory committee submitted a management plan for the GWMA. IDWR subsequently adopted the plan in September 2002.

### ***Boise Front Ground Water Management Area***

[http://www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/BoiseFront/bf\\_gwma.htm](http://www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/BoiseFront/bf_gwma.htm)

The Boise Front Low Temperature Geothermal Resource is located in Boise City and Ada County in southwestern Idaho. The area was designated on June 15, 1987. The order identified the resource of concern to be ground water from a depth greater than 300 feet and/or a temperature greater than 85° Fahrenheit(F).

**Final Boise/Payette Water Storage Assessment Report**

[http://www.usbr.gov/pn/programs/srao\\_misc/bp\\_storagestudy/report/FinalBoisePayetteRpt.pdf](http://www.usbr.gov/pn/programs/srao_misc/bp_storagestudy/report/FinalBoisePayetteRpt.pdf)

Throughout the arid west and southwestern Idaho, rapid urbanization of land previously used for agricultural purposes (including cropland, pasture, and dairies) has created water management challenges. Comprehensive water supply and water management incorporates multiple elements including optimizing existing supplies, conjunctively managing surface water and groundwater, developing water conservation strategies, and identifying additional potential supplies to meet increasing demand. The broad issue of water supply and water management is certainly not new to the Boise and Payette River basins, which together contain nearly 40 percent of Idaho's population.

***Water District #63 Rental Pool***

[http://www.idwr.idaho.gov/WaterManagement/WaterRights/WaterSupply/PDFs/WD63\\_2005\\_Procedures.pdf](http://www.idwr.idaho.gov/WaterManagement/WaterRights/WaterSupply/PDFs/WD63_2005_Procedures.pdf)

Provide a source of revenue for Water District # 63 to make improvements in distribution of water and aid in increasing the conservation of water on the Boise River.