

Thomas J. Budge (ISB# 7465)
Elisheva M. Patterson (ISB# 11746)
RACINE OLSON, PLLP
201 E. Center St. / P.O. Box 1391
Pocatello, Idaho 83204
(208) 232-6101 – phone
tj@racineolson.com
elisheva@racineolson.com
Attorneys for Idaho Ground Water Appropriators, Inc.

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

IN THE MATTER OF THE DISTRIBUTION
OF WATER TO VARIOUS WATER RIGHTS
HELD BY AND FOR THE BENEFIT OF A&B
IRRIGATION DISTRICT, AMERICAN FALLS
RESERVOIR DISTRICT #2, BURLEY
IRRIGATION DISTRICT, MILNER
IRRIGATION DISTRICT, MINIDOKA
IRRIGATION DISTRICT, NORTH SIDE
CANAL COMPANY, AND TWIN FALLS
CANAL COMPANY

Docket No. CM-DC-2010-001

**IGWA’s Amended Witness and
Exhibit Lists**

Idaho Ground Water Appropriators, Inc., (“IGWA”), acting for and on behalf of North Snake Ground Water District, Magic Valley Ground Water District, Carey Valley Ground Water District, American Falls-Aberdeen Ground Water District, Jefferson-Clark Ground Water District, Madison Ground Water District, and Henry’s Fork Ground Water District, submits the following witness and amended exhibit lists.

WITNESSES

1. **Sofia Sigstedt.** Sofia Sigstedt is expected to testify as to her expert report, technical aspects of the Fifth Methodology Order and the April 2023 As-Applied Order, communications with the Department’s technical working group, and other matters involving the Fifth Methodology Order and the April 2023 As-Applied Order.
2. **Jaxon Higgs.** Jaxon Higgs intended to testify as to his expert report, the proportionate mitigation obligations of IGWA’s member ground water districts under the April 2023 As-Applied Order, irrigated acreage within Twin Falls Canal Company, conveyance efficiency of Twin Falls Canal Company, and other matters involving the Fifth Methodology Order and the April 2023 As-Applied Order. Mr. Higgs is not able to participate in the hearing scheduled June 6-10, 2023, due to a previously scheduled

family vacation out of the country.

3. **Mathew Weaver.** Mathew Weaver is expected to testify regarding information considered by Department personnel in developing the Fifth Methodology Order and the April 2023 As-Applied Order, the Department's application of the futile call doctrine, and other matters involving the Fifth Methodology Order and the April 2023 As-Applied Order.
4. **Tony Olenichak.** Tony Olenichak is expected to testify regarding the Department's distribution of water to members of the Surface Water Coalition and the Department's application of the futile call doctrine.
5. **Jennifer Sukow.** Jennifer Sukow is expected to testify regarding information considered and technical analyses performed by Department personnel in developing the Fifth Methodology Order and the April 2023 As-Applied Order.
6. **Matt Anders.** Matt Anders is expected to testify regarding information considered and technical analyses performed by Department personnel in developing the Fifth Methodology Order and the April 2023 As-Applied Order.
7. **Kara Ferguson.** Kara Ferguson is expected to testify regarding information considered and technical analyses performed by Department personnel in developing the Fifth Methodology Order and the April 2023 As-Applied Order.
8. **Other Department Staff.** IGWA reserves the right to call any other Department staff having information considered and technical analyses performed in connection with the development of the Fifth Methodology Order and the April 2023 As-Applied Order.
9. **Jay Barlogi.** Jay Barlogi is expected to testify regarding Twin Falls Canal Company's water delivery system, conveyance efficiencies, hydropower plants served by the Company's delivery system, Company policies, and others matters involving the Company.
10. **Lynn Carlquist.** Lynn Carlquist is expected to testify regarding the consequences for IGWA member districts and their patrons of the Fifth Methodology Order and the April 2023 As-Applied Order, and other matters involving the administration of water rights under the SWC delivery call related to the Fifth Methodology Order and the April 2023 As-Applied Order.
11. **Tim Deeg.** Tim Deeg is expected to testify regarding the consequences for IGWA member districts and their patrons due to the decisions contained within the Fifth Methodology Order and the April 2023 As-Applied Order, and other matters involving the administration of water rights under the SWC delivery call related to the Fifth Methodology Order and the April 2023 As-Applied Order.
12. **Kirk Jacobs.** Kirk Jacobs is expected to testify regarding the consequences for IGWA member districts and their patrons due to the decisions contained within the Fifth Methodology Order and the April 2023 As-Applied Order, and other matters involving the administration of water rights under the SWC delivery call related to the Fifth

Methodology Order and the April 2023 As-Applied Order.

13. Any witness identified by any other party.
14. Any witness needed to authenticate any exhibit.
15. Any witness needed for rebuttal purposes.

EXHIBITS

Attached herewith as *Appendix A* is IGWA's **Amended** Exhibit List and the Common Exhibit List. Attached herewith as *Appendix B* is IGWA's Amended Exhibit List and Common Exhibits, with changes between IGWA's original exhibit list marked. In addition, IGWA reserves the right to utilize as exhibits (a) any document listed in the exhibit list of any other party to this proceeding; (b) water right records kept by the Department in its ordinary course of business; (c) any exhibit, pleading, or order filed previously with the Department in this matter; (d) transcripts of testimony proffered previously in this matter; (e) exhibits created for illustrative purposes; (f) exhibits utilized for rebuttal purposes; (g) subsequently disclosed exhibits for which the Director approves late disclosure; and (h) documents of which the Director takes official notice per IDAPA 30.01.01.602.

DATED this 2nd day of June, 2023.

RACINE OLSON, PLLP

By: 

Elisheva M. Patterson
Attorneys for IGWA

CERTIFICATE OF SERVICE

I hereby certify that on this 2nd day of June, 2023, I served the foregoing document on the persons below via email or as otherwise indicated:



Elisheva M. Patterson

Director Gary Spackman Garrick Baxter Sarah Tschohl Idaho Department of Water Resources 322 E Front St. Boise, ID 83720-0098	gary.spackman@idwr.idaho.gov garrick.baxter@idwr.idaho.gov sarah.tschohl@idwr.idaho.gov file@idwr.idaho.gov
Dylan Anderson DYLAN ANDERSON LAW PO Box 35 Rexburg, Idaho 83440	dylan@dylanandersonlaw.com
Skyler C. Johns Nathan M. Olsen Steven L. Taggart OLSEN TAGGART PLLC 1449 E 17th St, Ste A PO Box 3005 Idaho Falls, ID 83403	sjohns@olsentaggart.com nolsen@olsentaggart.com staggart@olsentaggart.com
John K. Simpson Travis L. Thompson MARTEN LAW P. O. Box 63 Twin Falls, ID 83303-0063	tthompson@martenlaw.com jsimpson@martenlaw.com jnielsen@martenlaw.com
W. Kent Fletcher FLETCHER LAW OFFICE P.O. Box 248 Burley, ID 83318	wkf@pmt.org
Kathleen Marion Carr US Dept. Interior 960 Broadway Ste 400 Boise, ID 83706	kathleenmarion.carr@sol.doi.gov

<p>David W. Gehlert Natural Resources Section Environment and Natural Resources Division U.S. Department of Justice 999 18th St., South Terrace, Suite 370 Denver, CO 80202</p>	<p>david.gehlert@usdoj.gov</p>
<p>Matt Howard US Bureau of Reclamation 1150 N Curtis Road Boise, ID 83706-1234</p>	<p>mhoward@usbr.gov</p>
<p>Sarah A Klahn Somach Simmons & Dunn 2033 11th Street, Ste 5 Boulder, Co 80302</p>	<p>sklahn@somachlaw.com dthompson@somachlaw.com</p>
<p>Rich Diehl City of Pocatello P.O. Box 4169 Pocatello, ID 83205</p>	<p>rdiehl@pocatello.us</p>
<p>Candice McHugh Chris Bromley MCHUGH BROMLEY, PLLC 380 South 4th Street, Suite 103 Boise, ID 83 702</p>	<p>cbromley@mchughbromley.com cmchugh@mchughbromley.com</p>
<p>Robert E. Williams WILLIAMS, MESERVY, & LOTH SPEICH, LLP P.O. Box 168 Jerome, ID 83338</p>	<p>rewilliams@wmlattys.com</p>
<p>Robert L. Harris HOLDEN, KIDWELL, HAHN & CRAPO, PLLC P.O. Box 50130 Idaho Falls, ID 83405</p>	<p>rharris@holdenlegal.com</p>
<p>Randall D. Fife City Attorney, City of Idaho Falls P.O. Box 50220 Idaho Falls, ID 83405</p>	<p>rfife@idahofallsidaho.gov</p>
<p>Corey Skinner IDWR-Southern Region 1341 Fillmore St., Ste. 200 Twin Falls, ID 83301-3033</p>	<p>corey.skinner@idwr.idaho.gov</p>

<p>Tony Olenichak IDWR-Eastern Region 900 N. Skyline Drive, Ste. A Idaho Falls, ID 83402</p>	<p>Tony.Olenichak@idwr.idaho.gov</p>
<p><i>COURTESY COPY TO:</i> William A. Parsons PARSONS SMITH & STONE P.O. Box 910 Burley, ID 83318</p>	<p>wparsons@pmt.org</p>

Appendix A

IGWA's Hearing Exhibits	
#	Description
100	20150310 IGWA Comments on Draft IDWR Staff Memo
101	20150310 Pocatello Comments on Draft IDWR Staff Memo
102	20150310 SWC Comments on Draft IDWR Staff Memo
103	20150316 SWC Staff Recommendations Memo (CM-DC-2010-001)
118	20230116 SWC Comments to IDWR re Methodology Update
124	Depo Ex. 6 - 20221119 ESPAM_SWC_TWG_11-28-22
126	Depo Ex. 8 - 20230503 Baxter email re GWD mitigation obligations
132	Depo Ex. 16 - 20221117 NRT METRIC_SWC_TWG_11-17-22_with supplemental slides (Numbered)
135	Depo Ex. 19 - 20160419 Fourth Methodology Order
144	Depo Ex. 28 - GWD Depo Notice to TFCC
154	Depo Ex. 48 - Attmt to 1.3.23 email to M.Weaver - 20160419_SWC RevisedMethodologyLC-MA-EB-Gary-EB3
156	ESPAM21FinalReportAppendixA
157	ESPAM21FinalReportAppendixB
158	ESPAM21FinalReportAppendixC
159	ESPAM21FinalReportFiguresSize8.5x11
160	ESPAM21FinalReportFiguresSize11x17
161	ESPAM21FinalReportTables
163	ModelCalibration22_FinalAppendixA
164	CurtScen22_FinalwApp
165	ESPAM2 Recharge Tools Documentation_ Processing Steps
166	Super_FullyPop_Final
167	E22PredUnc_Final
168	E22PredUnc_FinalAppendixA
169	E22PredUnc_FinalAppendixB
170	20060428 Affidavit of Scott N. King (SWC Dist Ct Agency Record 3427)
171	20070320 Expert Report of Scott King (Irr Acres Analysis TFCC)
172	20070926 Direct Testimony of Scott King (SWC Dist Ct Agency Record 5205)
173	Exhibit 4166 TFCC Water Management Plan 1999
174	Exhibit 4166A
175	Exhibit 4167 TFCC Operation Policy
176	Exhibit 4607 TFCC Meeting 2005
177	Exhibit 4608 TFCC Meeting Minutes 2004
178	Exhibit 4610 TFCC Ditch Writer 2005
179	01-00209 SRBA SF5
180	20071107 Spronk Water Engineers Expert Rebuttal Report (SWC Dist Ct Agency Record 5371)

181	20080616 Spronk Water Engineering Expert Report (A&B ISC Agency Record Ex 301)
182	20080716 Direct Test. of Charles Brendecke (A&B Dist Ct Agency Record)
183	20080827 Rebuttal Test of Charles Brendecke (A&B ISC Agency Record Ex 460)
184	20120406 Jt Stip to Withdraw Objs TFCC
185	20221001 Budge.Baxter email string RE_ Methodology Order TWG
187	20230425 IDWR Press Release
191	CM-DC-2010-001_20150316_SWC_Staff_Recommendations_Memo
192	CM-MP-2014-007-20150123-Staff-Memo-Cities-2nd
193	CurtScen22_FinalwApp
194	Hindcast BLY v Nov Actual DS chart
196	Transient State Benefits by GWD 2023
197	Attachment 1 - IGWA Proportionate Share Modeling
198	Attachment 2 - Model Cells by District
199	Figure 2-1 Sequence of IDWR Irrigated Land dataset processing
800	Figure 2-2 Example of seasonal 2002 METRIC ET within the ESPAM boundary
801	Figure 2-3 Total SWC April-Oct Diversion 1992-2021
802	Figure 2-4 Sum of Heise natural flow and storage allocation for Snake River above Milner 1992-2021
803	Figure 2-5 Reference ET for Twin Falls with both AgriMet and ETIdaho data 1992-2021
804	Figure 2-6 Growing Degree Days for Twin Falls AgriMet Site 1992-2021
805	Figure 2-7 Growing Season Precip Twin Falls Weather Station 1992-2021
806	Figure 2-8 Normal Distribution of SWC Total Diversions over POR 2000-2014
807	Figure 2-9 Normal distribution of SWC Total Diversion over POR 2000-2021
808	Figure 2-10 IDWR hindcast analysis annual carryover volumes for TFCC 1995-2022 4MO v 5MO
809	Figure 3-1 Excerpts from Ralston 2008 Fence Diagrams
810	Figure 3-2 Excerpt from Ralston 2008 geologic map
811	Figure 3-3 Transmissivity changes ESPAM 1.1 vs 2.1 vs. 2.2
812	Figure 3-4 Specific Yield changes ESPAM 1.1 vs 2.1 vs 2,2
813	Figure 3-5 Changes in timing rate of river reach gains ESPAM 2.1 vs 2.2
814	Figure 3-6 Changes in steady state response function BF to Minidoka reach ESPAM 2.1 vs 2.2
815	Figure 3-7 Annual volume net aquifer recharge 1981 to 2018
816	Figure 3-8 Storage and Transmissivity distribution using alt METRIC processing
817	Figure 3-9 Comparison water budget components pre and post calibration using METRIC

818	Figure 3-10 Distribution of jr gw pumping curtailed under 1963 priority date
819	Table 2-1 Summary of SWC irrigated acres 2015 TWG
820	Table 2-2 Summary of irrigated acres utilized in protocol calculations
821	Table 2-3 Summary of SWC irrigated acres 2022 TWG
822	Table 2-4 BLY Alternatives and BLY Criteria
823	Table 2-5 Variables Tested in 2015 Multiple Linear Regression Models
824	Table 2-6 Variables tested in 2022 Multiple Linear Regression Models
825	Table 2-7 Maximum Projected Carryover Need Fourth MO Compared to Fifth MO
826	Table 2-8 IDWR Hindcast of April DS with BLY 2018 and Lynker Est Jr GW Curtailment
827	Table 2-9 IDWR Hindcast of Nov Actual DS based on IDWR RISD comparing TFCC acre changes
828	Table 2-10 April Reduction to FS models for natural flow available to SWC entities
829	Table 3-1 Higgs analysis on IGWA proportionate share related to reach gain benefits
836	Expert Report of Jaxon Higgs
837	Expert Report of Sofia Sigstedt

Common Hearing Exhibits	
#	Description
900	20221116 SWC Delivery Call Overview
901	20221117 Forecast_Supply_SWC_TWG
902	Forecast_Supply_SWC_TWG_12-14-22
903	20221119 NRT METRIC_SWC_TWG_11-17-22_with supplemental slides
904	20221119 BLY_SWC_TWG_11-16-22_with supplemental slides
905	20221119 ESPAM_SWC_TWG_11-28-22
906	20221119 Project Efficiency_SWC_TWG_11-28-22_with supplemental slides
907	20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)
908	NRT_METRIC_SWC_TWG_12-1-22
909	NRT_METRIC_SWC_TWG_12-9-22_v.2
910	20221209 BLY_reasonable carryover
911	20221209 NRT METRIC_SWC_TWG
912	20221214 Forecast_Supply_SWC_TWG_12-14-2022_V2 (Numbered)
913	20221221 SWC Diversions and CWN Charts
914	20221223 IDWR Preliminary Recommendations
915	20230116 Cities Comments on SWC Methodology Recommendation
916	20230116 Lynker Memo re IDWR Staff Recommendations
917	Depo Ex. 1 - 20230504 Joint Notice of Deposition Duces Tecum - J. SUKOW
918	Depo Ex. 2 - 20230421 Fifth Amended Final Order Regarding Methodology

919	Depo Ex. 3 - 20230421 Final Order Regarding April 2023 Forecast Supply (Methodology Steps 1-3)
920	Depo Ex. 4 - 20221223_SWC_TWG_Summary
921	Depo Ex. 5 - 20230425 FAQ on new Methodology and SWC delivery call
922	Depo Ex. 7 - Hindcast_Table1_Settlement_20221221
923	Depo Ex. 9 - ESPAM V.2.1 Final Report
924	Depo Ex. 10 - 20230504 Joint Notice of Deposition Duces Tecum - M. ANDERS
925	Depo Ex. 11 - 20230116 Cities Comments on SWC Methodology Recommendation
926	Depo Ex. 14 - 20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)
927	Depo Ex. 15 - 20230116 MEMORANDUM_630PM_Lynker
928	Depo Ex. 17 - 20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)
929	Depo Ex. 18 - CM Rules
930	Depo Ex. 20 - Cities Amended Notice of Deposition of TFCC
931	Depo Ex. 21 - Screenshot of 2023 SWC-IGWA Legal Folders
932	Depo Ex. 22 - Screenshot of Folders within the Deposition Folder
933	Depo Ex. 23 - TFCC Water Delivery Schedule 1990 to 2022 Spreadsheets
934	Depo Ex. 24 - Amended Agreement for Sprinkler Installation
935	Depo Ex. 25 - Census Bureau Population in Twin Falls County Graph
936	Depo Ex. 26 - SWC data requested by Chuck Brockway
937	Depo Ex. 27 - Email from Sarah Tschohl to multiple parties dated 5-22-23
938	Depo Ex. 29 - Ltrs from Thompson to Spackman 2013 to 2022
939	Depo Ex. 30 - TFCC Profit and Loss 2014 to 2022
940	Depo Ex. 31 - TFCC Operating Policy
941	Depo Ex. 40 - 20220621 - Small Group Discussion Points - 4Bedke
942	Depo Ex. 41 - 2022.7.13 SWC Methodology Outline_v2
943	Depo Ex. 42 - 2022.7.13 Revisions_Methodology_Outline
944	Depo Ex. 45- GBaxter_RE_Methodology Order Technical Work Group_20220930_3_Redacted (002)
945	Depo Ex. 46 - 2022.12.20 Anders Email re TWG Data (002)
946	Depo Ex. 47 - 2023.1.3 Email FW_ 4th Amended Methodology Order (002)
947	ESPAM21FinalReport
948	ModelCalibration22_Final

Appendix B

IGWA's Hearing Exhibits		
#	Description	Change Notes
100	20150310 IGWA Comments on Draft IDWR Staff Memo	
101	20150310 Pocatello Comments on Draft IDWR Staff Memo	
102	20150310 SWC Comments on Draft IDWR Staff Memo	
103	20150316 SWC Staff Recommendations Memo (CM-DC-2010-001)	
104	20221116 SWC Delivery Call Overview	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
105	20221117 Forecast_Supply_SWC_TWG	Common with Cities Ex. 327 and provided by Dept.; Removed from IGWA's Exhibit list and added to Common Exhibits
106	20221119 NRT METRIC_SWC_TWG_11-17-22_with supplemental slides	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
107	20221119 BLY_SWC_TWG_11-16-22_with supplemental slides	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
108	20221119 ESPAM_SWC_TWG_11-28-22	Common with Cities Ex. 318 and provided by Dept.; Removed from IGWA's Exhibit list and added to Common Exhibits
109	20221119 Project Efficiency_SWC_TWG_11-28-22_with supplemental slides	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
110	20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
111	20221209 BLY_reasonable carryover	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
112	20221209 NRT METRIC_SWC_TWG	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
113	20221214 Forecast_Supply_SWC_TWG_12-14-2022_V2 (Numbered)	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
114	20221221 SWC Diversions and CWN Charts	Provided by Dept. pursuant to order; Removed from IGWA's Exhibit list and added to Common Exhibits
115	20221223 IDWR Preliminary Recommendations	Common with Cities Ex. 316; Removed from IGWA's Exhibit list and added to Common Exhibits
116	20230116 Cities Comments on SWC Methodology Recommendation	Common with Cities Ex. 322; Removed from IGWA's Exhibit list and added to Common Exhibits
117	20230116 Lynker Memo re IDWR Staff Recommendations	Common with Cities Ex. 326; Removed from IGWA's Exhibit list and added to Common Exhibits
118	20230116 SWC Comments to IDWR re Methodology Update	

119	Depo Ex. 1 – 20230504 Joint Notice of Deposition Duces Tecum – J. SUKOW	Common with Cities Ex. 307; Removed from IGWA's Exhibit list and added to Common Exhibits
120	Depo Ex. 2 – 20230421 Fifth Amended Final Order Regarding Methodology	Common with Cities Ex. 300 and BJGWD Ex. 501; Removed from IGWA's Exhibit list and added to Common Exhibits
121	Depo Ex. 3 – 20230421 Final Order Regarding April 2023 Forecast Supply (Methodology Steps 1-3)	Common with Cities Ex. 301 and BJGWD Ex. 518; Removed from IGWA's Exhibit list and added to Common Exhibits
122	Depo Ex. 4 – 20221223_SWC_TWIG_Summary	Common with Cities Ex. 316; Removed from IGWA's Exhibit list and added to Common Exhibits
123	Depo Ex. 5 – 20230425 FAQ on new Methodology and SWC delivery call	Common with Cities Ex. 317; Removed from IGWA's Exhibit list and added to Common Exhibits
124	Depo Ex. 6 - 20221119 ESPAM_SWC_TWIG_11-28-22	
125	Depo Ex. 7 – Hindcast_Table1_Settlement_20221221	Common with Cities Ex. 319 and BJGWD Ex. 511; Removed from IGWA's Exhibit list and added to Common Exhibits
126	Depo Ex. 8 - 20230503 Baxter email re GWD mitigation obligations	
127	Depo Ex. 9 – ESPAM V.2.1 Final Report	Common with Cities Ex. 321; Removed from IGWA's Exhibit list and added to Common Exhibits
128	Depo Ex. 10 – 20230504 Joint Notice of Deposition Duces Tecum – M. ANDERS	Common with Cities Ex. 308; Removed from IGWA's Exhibit list and added to Common Exhibits
129	Depo Ex. 11 – 20230116 Cities Comments on SWC Methodology Recommendation	Common with Cities Ex. 322; Removed from IGWA's Exhibit list and added to Common Exhibits
130	Depo Ex. 14 – 20221201 NRT METRIC_SWC_TWIG_12-1-22_with supplemental slides (Numbered)	Common with Cities Ex. 325; Removed from IGWA's Exhibit list and added to Common Exhibits
131	Depo Ex. 15 – 20230116 MEMORANDUM_630PM_Lynker	Common with Cities Ex. 326; Removed from IGWA's Exhibit list and added to Common Exhibits
132	Depo Ex. 16 - 20221117 NRT METRIC_SWC_TWIG_11-17-22_with supplemental slides (Numbered)	
133	Depo Ex. 17 – 20221201 NRT METRIC_SWC_TWIG_12-1-22_with supplemental slides (Numbered)	Common with Cities Ex. 328; Removed from IGWA's Exhibit list and added to Common Exhibits
134	Depo Ex. 18 – CM Rules	Common with Cities Ex. 329; Removed from IGWA's Exhibit list and added to Common Exhibits
135	Depo Ex. 19 - 20160419 Fourth Methodology Order	
136	Depo Ex. 20 – Cities Amended Notice of Deposition of TFCC	Common with Cities Ex. 311; Removed from IGWA's Exhibit list and added to Common Exhibits
137	Depo Ex. 21 – Screenshot of 2023 SWC IGWA Legal Folders	Common with Cities Ex. 330; Removed from IGWA's Exhibit list and added to Common Exhibits

138	Depo Ex. 22 – Screenshot of Folders within the Deposition Folder	Common with Cities Ex. 331; Removed from IGWA's Exhibit list and added to Common Exhibits
139	Depo Ex. 23 – TFCC Water Delivery Schedule 1990 to 2022 Spreadsheets	Common with Cities Ex. 332; Removed from IGWA's Exhibit list and added to Common Exhibits
140	Depo Ex. 24 – Amended Agreement for Sprinkler Installation	Common with Cities Ex. 333; Removed from IGWA's Exhibit list and added to Common Exhibits
141	Depo Ex. 25 – Census Bureau Population in Twin Falls County Graph	Common with Cities Ex. 334; Removed from IGWA's Exhibit list and added to Common Exhibits
142	Depo Ex. 26 – SWC data requested by Chuck Brockway	Common with Cities Ex. 335; Removed from IGWA's Exhibit list and added to Common Exhibits
143	Depo Ex. 27 – Email from Sarah Tschohl to multiple parties dated 5-22-23	Common with Cities Ex. 336; Removed from IGWA's Exhibit list and added to Common Exhibits
144	Depo Ex. 28 - GWD Depo Notice to TFCC	
145	Depo Ex. 29 – Ltrs from Thompson to Spackman 2013 to 2022	Common with Cities Ex. 337; Removed from IGWA's Exhibit list and added to Common Exhibits
146	Depo Ex. 30 – TFCC Profit and Loss 2014 to 2022	Common with Cities Ex. 338; Removed from IGWA's Exhibit list and added to Common Exhibits
147	Depo Ex. 31 – TFCC Operating Policy	Common with Cities Ex. 339; Removed from IGWA's Exhibit list and added to Common Exhibits
148	Depo Ex. 40 – 20220621 – Small Group Discussion Points – 4Bedke	Common with Cities Ex. 340; Removed from IGWA's Exhibit list and added to Common Exhibits
149	Depo Ex. 41 – 2022.7.13 SWC Methodology Outline_v2	Common with Cities Ex. 341; Removed from IGWA's Exhibit list and added to Common Exhibits
150	Depo Ex. 42 – 2022.7.13 Revisions_Methodology_Outline	Common with Cities Ex. 342; Removed from IGWA's Exhibit list and added to Common Exhibits
151	Depo Ex. 45 – GBaxter_RE_Methodology Order Technical Work-Group_20220930_3_Redacted (002)	Common with Cities Ex. 345; Removed from IGWA's Exhibit list and added to Common Exhibits
152	Depo Ex. 46 – 2022.12.20 Anders Email re TWG Data (002)	Common with Cities Ex. 357; Removed from IGWA's Exhibit list and added to Common Exhibits
153	Depo Ex. 47 – 2023.1.3 Email FW_ 4th Amended Methodology Order (002)	Common with Cities Ex. 346; Removed from IGWA's Exhibit list and added to Common Exhibits
154	Depo Ex. 48 - Attmt to 1.3.23 email to M.Weaver - 20160419_SWC RevisedMethodologyLC-MA-EB-Gary-EB3	
155	ESPAM21FinalReport	Common with BJGWD Ex. 510; Removed from IGWA's Exhibit list and added to Common Exhibits

156	ESPAM21FinalReportAppendixA	
157	ESPAM21FinalReportAppendixB	
158	ESPAM21FinalReportAppendixC	
159	ESPAM21FinalReportFiguresSize8.5x11	
160	ESPAM21FinalReportFiguresSize11x17	
161	ESPAM21FinalReportTables	
162	ModelCalibration22_Final	Common with BJDWD Ex. 512; Removed from IGWA's Exhibit list and added to Common Exhibits
163	ModelCalibration22_FinalAppendixA	
164	CurtScen22_FinalwApp	
165	ESPAM2 Recharge Tools Documentation_ Processing Steps	
166	Super_FullyPop_Final	
167	E22PredUnc_Final	
168	E22PredUnc_FinalAppendixA	
169	E22PredUnc_FinalAppendixB	
170	20060428 Affidavit of Scott N. King (SWC Dist Ct Agency Record 3427)	
171	20070320 Expert Report of Scott King (Irr Acres Analysis TFCC)	
172	20070926 Direct Testimony of Scott King (SWC Dist Ct Agency Record 5205)	
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176	Exhibit 4607 TFCC Meeting 2005	
177	Exhibit 4608 TFCC Meeting Minutes 2004	
178	Exhibit 4610 TFCC Ditch Writer 2005	
179	01-00209 SRBA SF5	
180	20071107 Spronk Water Engineers Expert Rebuttal Report (SWC Dist Ct Agency Record 5371)	
181	20080616 Spronk Water Engineering Expert Report (A&B ISC Agency Record Ex 301)	
182	20080716 Direct Test. of Charles Brendecke (A&B Dist Ct Agency Record)	
183	20080827 Rebuttal Test of Charles Brendecke (A&B ISC Agency Record Ex 460)	
184	20120406 Jt Stip to Withdraw Objs TFCC	
185	20221001 Budge.Baxter email string RE_ Methodology Order TWG	
186	20230425 FAQ on new Methodology and SWC delivery call	Common with Cities Ex. 317 and duplicative; Removed from IGWA's Exhibit list
187	20230425 IDWR Press Release	
188	20230503 Baxter email re GWD mitigation obligations	Common with Cities Ex. 320; Removed from IGWA's Exhibit list and added to Common Exhibits
189	20230504 Baxter emails re deposition of Weaver	Duplicate of IGWA Ex. 188; Removed from IGWA's Exhibit List
190	20230504 CM-DC-2010-001 Joint Notice of Deposition Duces Tecum - M. ANDERS (00151692xD2C75)	Common with Cities Ex. 308 and duplicative; Removed from IGWA's Exhibit list
191	CM-DC-2010-001_20150316_SWC_Staff_Recommendations_Memo	
192	CM-MP-2014-007-20150123-Staff-Memo-Cities-2nd	
193	CurtScen22_FinalwApp	

194	Hindcast BLY v Nov Actual DS chart	
195	Table1_Settlement_20221221	Common with Cities Ex. 319 and duplicative; Removed from IGWA's Exhibit list
196	Transient State Benefits by GWD 2023	
197	Attachment 1 - IGWA Proportionate Share Modeling	
198	Attachment 2 - Model Cells by District	
199	Figure 2-1 Sequence of IDWR Irrigated Land dataset processing	
800	Figure 2-2 Example of seasonal 2002 METRIC ET within the ESPAM boundary	
801	Figure 2-3 Total SWC April-Oct Diversion 1992-2021	
802	Figure 2-4 Sum of Heise natural flow and storage allocation for Snake River above Milner 1992-2021	
803	Figure 2-5 Reference ET for Twin Falls with both AgriMet and ETIdaho data 1992-2021	
804	Figure 2-6 Growing Degree Days for Twin Falls AgriMet Site 1992-2021	
805	Figure 2-7 Growing Season Precip Twin Falls Weather Station 1992-2021	
806	Figure 2-8 Normal Distribution of SWC Total Diversions over POR 2000-2014	
807	Figure 2-9 Normal distribution of SWC Total Diversion over POR 2000-2021	
808	Figure 2-10 IDWR hindcast analysis annual carryover volumes for TFCC 1995-2022 4MO v 5MO	
809	Figure 3-1 Excerpts from Ralston 2008 Fence Diagrams	
810	Figure 3-2 Excerpt from Ralston 2008 geologic map	
811	Figure 3-3 Transmissivity changes ESPAM 1.1 vs 2.1 vs. 2.2	
812	Figure 3-4 Specific Yield changes ESPAM 1.1 vs 2.1 vs 2,2	
813	Figure 3-5 Changes in timing rate of river reach gains ESPAM 2.1 vs 2.2	
814	Figure 3-6 Changes in steady state response function BF to Minidoka reach ESPAM 2.1 vs 2.2	
815	Figure 3-7 Annual volume net aquifer recharge 1981 to 2018	
816	Figure 3-8 Storage and Transmissivity distribution using alt METRIC processing	
817	Figure 3-9 Comparison water budget components pre and post calibration using METRIC	
818	Figure 3-10 Distribution of jr gw pumping curtailed under 1963 priority date	
819	Figure 3-11	Listed on IGWA's Exhibit List but not provided on shared link, and so removed from list
820	Figure 3-12	Listed on IGWA's Exhibit List but not provided on shared link, and so removed from list
821	Figure 3-13	Listed on IGWA's Exhibit List but not provided on shared link, and so removed from list
822	Figure 3-14	Listed on IGWA's Exhibit List but not provided on shared link, and so removed from list
823	Figure 3-15	Listed on IGWA's Exhibit List but not provided on shared link, and so removed from list
824	Figure 3-16	Listed on IGWA's Exhibit List but not provided on shared link, and so removed from list
819	Table 2-1 Summary of SWC irrigated acres 2015 TWG	

820	Table 2-2 Summary of irrigated acres utilized in protocol calculations	
821	Table 2-3 Summary of SWC irrigated acres 2022 TWG	
822	Table 2-4 BLY Alternatives and BLY Criteria	
823	Table 2-5 Variables Tested in 2015 Multiple Linear Regression Models	
824	Table 2-6 Variables tested in 2022 Multiple Linear Regression Models	
825	Table 2-7 Maximum Projected Carryover Need Fourth MO Compared to Fifth MO	
826	Table 2-8 IDWR Hindcast of April DS with BLY 2018 and Lynker Est Jr GW Curtailment	
827	Table 2-9 IDWR Hindcast of Nov Actual DS based on IDWR RISD comparing TFCC acre changes	
828	Table 2-10 April Reduction to FS models for natural flow available to SWC entities	
829	Table 3-1 Higgs analysis on IGWA proportionate share related to reach gain benefits	
836	Expert Report of Jaxon Higgs	
837	Expert Report of Sofia Sigstedt	

Common Hearing Exhibits		
#	Description	Change Notes
900	20221116 SWC Delivery Call Overview	Provided by Dept. pursuant to order
901	20221117 Forecast_Supply_SWC_TWG	Common with Cities Ex. 327
902	Forecast_Supply_SWC_TWG_12-14-22	Provided by Dept. pursuant to order
903	20221119 NRT METRIC_SWC_TWG_11-17-22_with supplemental slides	Provided by Dept. pursuant to order
904	20221119 BLY_SWC_TWG_11-16-22_with supplemental slides	Provided by Dept. pursuant to order
905	20221119 ESPAM_SWC_TWG_11-28-22	Common with Cities Ex. 318
906	20221119 Project Efficiency_SWC_TWG_11-28-22_with supplemental slides	Provided by Dept. pursuant to order
907	20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)	Provided by Dept. pursuant to order
908	NRT_METRIC_SWC_TWG_12-1-22	Provided by Dept. pursuant to order
909	NRT_METRIC_SWC_TWG_12-9-22_v.2	Provided by Dept. pursuant to order
910	20221209 BLY_reasonable carryover	Provided by Dept. pursuant to order
911	20221209 NRT METRIC_SWC_TWG	Provided by Dept. pursuant to order
912	20221214 Forecast_Supply_SWC_TWG_12-14-2022_V2 (Numbered)	Provided by Dept. pursuant to order
913	20221221 SWC Diversions and CWN Charts	Provided by Dept. pursuant to order
914	20221223 IDWR Preliminary Recommendations	Common with Cities Ex. 316
915	20230116 Cities Comments on SWC Methodology Recommendation	Common with Cities Ex. 322
916	20230116 Lynker Memo re IDWR Staff Recommendations	Common with Cities Ex. 326
917	Depo Ex. 1 - 20230504 Joint Notice of Deposition Duces Tecum - J. SUKOW	Common with Cities Ex. 307
918	Depo Ex. 2 - 20230421 Fifth Amended Final Order Regarding Methodology	Common with Cities Ex. 300 and BJGWD Ex. 501
919	Depo Ex. 3 - 20230421 Final Order Regarding April 2023 Forecast Supply (Methodology Steps 1-3)	Common with Cities Ex. 301 and BJGWD Ex. 518
920	Depo Ex. 4 - 20221223_SWC_TWG_Summary	Common with Cities Ex. 316
921	Depo Ex. 5 - 20230425 FAQ on new Methodology and SWC delivery call	Common with Cities Ex. 317 and IGWA's Ex. 186
922	Depo Ex. 7 - Hindcast_Table1_Settlement_20221221	Common with Cities Ex. 319 and BJGWD Ex. 511
923	Depo Ex. 9 - ESPAM V.2.1 Final Report	Common with Cities Ex. 321

924	Depo Ex. 10 - 20230504 Joint Notice of Deposition Duces Tecum - M. ANDERS	Common with Cities Ex. 308
925	Depo Ex. 11 - 20230116 Cities Comments on SWC Methodology Recommendation	Common with Cities Ex. 322
926	Depo Ex. 14 - 20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)	Common with Cities Ex. 325
927	Depo Ex. 15 - 20230116 MEMORANDUM_630PM_Lynker	Common with Cities Ex. 326
928	Depo Ex. 17 - 20221201 NRT METRIC_SWC_TWG_12-1-22_with supplemental slides (Numbered)	Common with Cities Ex. 328
929	Depo Ex. 18 - CM Rules	Common with Cities Ex. 329
930	Depo Ex. 20 - Cities Amended Notice of Deposition of TFCC	Common with Cities Ex. 311
931	Depo Ex. 21 - Screenshot of 2023 SWC-IGWA Legal Folders	Common with Cities Ex. 330
932	Depo Ex. 22 - Screenshot of Folders within the Deposition Folder	Common with Cities Ex. 331
933	Depo Ex. 23 - TFCC Water Delivery Schedule 1990 to 2022 Spreadsheets	Common with Cities Ex. 332
934	Depo Ex. 24 - Amended Agreement for Sprinkler Installation	Common with Cities Ex. 333
935	Depo Ex. 25 - Census Bureau Population in Twin Falls County Graph	Common with Cities Ex. 334
936	Depo Ex. 26 - SWC data requested by Chuck Brockway	Common with Cities Ex. 335
937	Depo Ex. 27 - Email from Sarah Tschohl to multiple parties dated 5-22-23	Common with Cities Ex. 336
938	Depo Ex. 29 - Ltrs from Thompson to Spackman 2013 to 2022	Common with Cities Ex. 337
939	Depo Ex. 30 - TFCC Profit and Loss 2014 to 2022	Common with Cities Ex. 338
940	Depo Ex. 31 - TFCC Operating Policy	Common with Cities Ex. 339
941	Depo Ex. 40 - 20220621 - Small Group Discussion Points - 4Bedke	Common with Cities Ex. 340
942	Depo Ex. 41 - 2022.7.13 SWC Methodology Outline_v2	Common with Cities Ex. 341
943	Depo Ex. 42 - 2022.7.13 Revisions_Methodology_Outline	Common with Cities Ex. 342
944	Depo Ex. 45- GBaxter_RE_Methodology Order Technical Work Group_20220930_3_Redacted (002)	Common with Cities Ex. 345
945	Depo Ex. 46 - 2022.12.20 Anders Email re TWG Data (002)	Common with Cities Ex. 357
946	Depo Ex. 47 - 2023.1.3 Email FW_ 4th Amended Methodology Order (002)	Common with Cities Ex. 346
947	ESPAM21FinalReport	Common with BJGWD Ex. 510
948	ModelCalibration22_Final	Common with BJGWD Ex. 512