RECEIVED

APR 23 2013

DEPARTMENT OF
WATER RESOURCES

A. Dean Tranmer (ISB # 2793)
City of Pocatello
P. O. Box 4169
Pocatello, ID 83201
(208) 234-6149
(208) 239-6986 (Fax)
dtranmer@pocatello.us

Sarah A. Klahn (ISB # 7928)
J. Ryland Hutchins
White & Jankowski, LLP
511 Sixteenth Street, Suite 500
Denver, CO 80202
(303) 595-9441
(303) 825-5632 (Fax)
sarahk@white-jankowski.com

ATTORNEYS FOR CITY OF POCATELLO

BEFORE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF DISTRIBUTION OF WATER TO WATER RIGHT NOS. 36-02551 AND 36-07694	)	Docket No. CM-DC-2011-004
(RANGEN, INC.)	)	**CITY OF POCATELLO'S REVISED FINAL WITNESS AND EXHIBIT LISTS**

City of Pocatello hereby submits its revised list of witnesses and exhibits to be used at trial in this matter pursuant to the Fifth Amended Scheduling Order in this matter.

WITNESSES

1. Justin Armstrong,
   Pocatello Water Department Superintendent
   1889 N. Arthur Ave.
   Pocatello, Idaho 83201

2. Greg Sullivan, P.E.
   Principal and Senior Water Resources Engineer
   Spronk Water Engineers, Inc.
   1000 Logan St.
   Denver, Colorado 80203

3. John D. Woodling, Ph.D.
Fisheries Biologist
2180½ K½ Rd.
Grand Junction, Colorado 81505

4. Jennifer Sukow
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

5. Rick Raymondi
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

6. Sean Vincent
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

7. Allan Wylie
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

8. Neal Farmer
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

9. Tim Luke
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

10. Cindy Yenter
322 E. Front Street
P.O. Box 83720
Boise, Idaho 83720-0098

11. Any witness that may be required to establish a foundation for an exhibit or proposition.

12. Any witness required for rebuttal.

13. Any witness endorsed by any other party.

EXHIBITS

Attached hereto is a list of exhibits Pocatello may use at the hearing.

Respectfully submitted this 23rd day of April, 2013.

CITY OF POCATELLO ATTORNEY'S OFFICE

By _____ for _____
A. Dean Tranmer

WHITE & JANKOWSKI

By _____ for _____
Sarah A. Klahn

By _____
J. Ryland Hutchins

ATTORNEYS FOR CITY OF POCATELLO

CERTIFICATE OF SERVICE

I hereby certify that on this 23rd day of April, 2013, I caused to be served a true and correct copy of the foregoing **City of Pocatello's Revised Final Witness and Exhibit Lists** for **Docket No. CM-DC-2011-004** upon the following by the method indicated:

for

Sarah Klahn, White & Jankowski, LLP

Gary Spackman, Director State of Idaho, Dept of Water Resources 322 E Front St Boise ID 83720-0098 deborah.gibson@idwr.idaho.gov	____Original sent via U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile – 208-287-6700 = Phone – 208-287-4803 _X_ Email
J. Justin May May Browning 1419 W Washington Boise ID 83702 jmay@maybrowning.com	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile – 208-342-7278 = Phone – 208-429-0905 _X_ Email
Robyn Brody Brody Law Office 413 N. Val Verde Drive Rupert ID 83350 robynbrody@hotmail.com	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile- 208-434-2780 = Phone 208-434-2778 _X_ Email
Fritz Haemmerle Haemmerle Haemmerle 400 South Main Street Ste 102 Hailey ID 83333 fxh@haemlaw.com	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile – 208-578-0564 = Phone 208-578-0520 _X_ Email
Garrick L. Baxter Chris M. Bromley Deputy Attorneys General – IDWR 322 E Front St Boise ID 83720-0098 garrick.baxter@idwr.idaho.gov chris.bromley@idwr.idaho.gov kimi.white@idwr.idaho.gov	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile - 208-287-6700 = Phone 208-287-4815 _X_ Email
Randall C. Budge Candice M. McHugh Racine Olson Nye Budge & Bailey 101 S Capitol Blvd Ste 300 Boise ID 83702 rcb@racinelaw.net cmm@racinelaw.net bjh@racinelaw.net	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile – 208-433-0167 = Phone 208-395-0011 _X_ Email
Dean Tranmer City of Pocatello 911 N. 7th Avenue Pocatello ID 83201 dtranmer@pocatello.us	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile – 208-234-6297 = Phone 208-234-6582 _X_ Email

C. Thomas Arkoosh Arkoosh Law Offices 802 W Bannock Street 9th floor Boise ID 83701 tom.arkoosh@arkoosh.com erin.cecil@arkoosh.com	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile 208-343-5456 = Phone 208-343-5105 _X_ Email
John K. Simpson Travis L. Thompson Paul L. Arrington Barker Rosholt & Simpson 195 River Vista Place Ste 204 Twin Falls ID 83301-3029 tlt@idahowaters.com jks@idahowaters.com pla@idahowaters.com jf@idahowaters.com	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile 208-735-2444 = Phone 208-733-0700 _X_ Email
W. Kent Fletcher Fletcher Law Office 1200 Overland Avenue Burley, ID 83318 wkf@pmt.org	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile 208-878-2548 = Phone 208-678-3250 _X_ Email
Jerry R. Rigby Hyrum Erickson Robert H Wood Rigby Andrus & Rigby 25 North Second East Rexburg ID 83440-0250 jrigby@rex-law.com herickson@rex-law.com rwood@rex-law.com	____U.S. Mail, Postage Prepaid ____ Hand Delivery _X_ Overnight Mail – Federal Express ____ Facsimile 208-356-0768 = Phone 208-356-3633 _X_ Email

CITY OF POCATELLO'S EXHIBITS

A) All Deposition Exhibits:

3000. Deposition Exhibit No. 1, Rangen's Research Hatchery map, no Bates numbers

3001. Deposition Exhibit No. 2, Aerial photograph, no Bates numbers

3002. Deposition Exhibit No. 3, Rangen Aquaculture Research & Hatchery map, Bates No. RANGEN003770

3003. Deposition Exhibit No. 4, Idaho Power Agreements, Bates Nos. RANGEN007911–007990

3004. Deposition Exhibit No. 5, Modified Subpoena Duces Tecum for Wayne Courtney, no Bates numbers

3005. Deposition Exhibit No. 6, Order of Partial Decree, Bates Nos. RANGEN001628–001644

3006. Deposition Exhibit No. 7, Grant Applications/Documents folder, Bates Nos. RANGEN000964–001094

3007. Deposition Exhibit No. 8, Draft Memorandum from C. Petrich to Rangen, Inc., dated 05/20/2004, Bates Nos. RANGEN001738–001747

3008. Deposition Exhibit No. 9, Memorandum from T. Luke to D. Jones, dated 12/01/1995, no Bates numbers

3009. Deposition Exhibit No. 10, Handwritten flow numbers from Dan to Wayne, no Bates numbers

3010. Deposition Exhibit No. 11, Well Agreement, dated 06/16/1982, Bates Nos. RANGEN008183–008185

3011. Deposition Exhibit No. 12, Certificate of Survey, dated 05/24/1962, Bates No. RANGEN001605–001606

3012. Deposition Exhibit No. 13, Various photographs and advertising material, Bates Nos. RANGEN001567–001627

3013. Deposition Exhibit No. 14, NPDES Inspection, Rangen Research Hatchery, dated 04/18/2001, Bates Nos. RANGEN002623–002630

3014. Deposition Exhibit No. 15, Curran Tunnel schematic, no Bates numbers

3015. Deposition Exhibit No. 16, Partial Decree for Water Right 36-08048, no Bates numbers

3016. Deposition Exhibit No. 17, Memorandum from C. Yenter to K. Dreher, dated 12/15/2003, no Bates numbers

3017. Deposition Exhibit No. 18, Water Flow Measurements Head of Billingsley·Creek, 1966 to 1991, Bates Nos. RANGEN000910–000914

3018. Deposition Exhibit No. 19, Water Flow Measurements Head of Billingsley·Creek, 1966 to 1987, Bates·Nos. RANGEN000923–000924

3019. Deposition Exhibit No. 20, Graphs tracking cfs, various Bates numbers

3020. Deposition Exhibit No. 21, Analysis of Historical Rangen Spring Flows, dated 09/21/2009, no Bates numbers

3021. Deposition Exhibit No. 22, Application for Financial Assistance for·Construction of a Supplemental Conveyance for Water Rights 36-134A and 36-135B, dated 06/01/2004, Bates Nos. RANGEN001019–001032

3022. Deposition Exhibit No. 23, Application for Financial Assistance to·Evaluate the Feasibility of Ground Water Pumping at the Rangen Aquaculture Facility, dated 06/01/2004, Bates·Nos. RANGEN001004–001018

3023. Deposition Exhibit No. 24, Application for Financial Assistance to·Divert 0.70 CFS from Hoagland Tunnel for Aquaculture Use Prior to Irrigation, dated·05/31/2004, Bates Nos. RANGEN001807–001818

3024. Deposition Exhibit No. 25, Aerial photograph, no Bates numbers

3025. Deposition Exhibit No. 26, Total Flow Through Rangen Hatchery,·2001–2011 graph, no Bates numbers

3026. Deposition Exhibit No. 27, Diagram of Curren Tunnel, no Bates numbers

3027. Deposition Exhibit No. 28, Photograph of field trip

3028. Deposition Exhibit No. 29, Spreadsheet of fish production, Bates·No. RANGEN002244

3029. Deposition Exhibit No. 30, Spreadsheet of fish production, Bates·Nos. RANGEN001917–001919

3030. Deposition Exhibit No. 31, Rangen Research Hatchery and Fall Creek·Hatchery Monthly Report, 1994, Bates·Nos. RANGEN002116–002119

3031. Deposition Exhibit No. 32, Spreadsheet of fish production, 1998, Bates Nos. RANGEN002002–002003

3032. Deposition Exhibit No. 33, Miscellaneous file, Bates Nos. RANGEN003750–003774

3033. Deposition Exhibit No. 34, Annual Report file, Bates·Nos. RANGEN003708–003732

3034. Deposition Exhibit No. 35, Letter from C. Cora to C. Peterschmidt, dated 05/14/2002, Bates No. RANGEN002609

3035. Deposition Exhibit No. 36, White pipe diagram, Bates No. RANGEN001907

3036. Deposition Exhibit No. 37, Rangen Research Hatchery Monthly Report, December 2006, Bates No. RANGEN001982

3037. Deposition Exhibit No. 38, Hatchery Production Summary, Idaho Power Company Triploid Rainbow Trout, Bates Nos. RANGEN008072–008080

3038. Deposition Exhibit No. 39, Hand-drawn diagram of small raceways, no Bates numbers

3039. Deposition Exhibit No. 40, Hand-drawn diagram of large raceways, no Bates numbers

3040. Deposition Exhibit No. 41, Hand-drawn diagram of CTRs, no Bates numbers

3041. Deposition Exhibit No. 42, Hatchery Production Summary, Idaho Power Company Triploid Rainbow Trout, Bates Nos. RANGEN007991–007996

3042. Deposition Exhibit No. 43, Rangen Hatchery production records, Bates Nos. RANGEN001908–001943

3043. Deposition Exhibit No. 44, Rangen Research Hatchery production records, Bates Nos. RANGEN003914–003925

3044. Deposition Exhibit No. 45, Sales records, Bates Nos. RANGEN001096–001181

3045. Deposition Exhibit No. 46, QAPP file, Bates Nos. RANGEN002788–002818

3046. Deposition Exhibit No. 47, Rangen Research Hatchery production record, Bates No. RANGEN001095

3047. Deposition Exhibit No. 48, Hatchery Water Measurements, Bates Nos. RANGEN000825–000858

3048. Deposition Exhibit No. 49, Hagerman Swimming Inventory and other related documents, various Bates numbers

3049. Deposition Exhibit No. 50, Photograph, Bates No. RANGEN001569.

3050. Deposition Exhibit No. 51, Hatchery Production Summary, Bates Nos. RANGEN008043–008054

3051. Deposition Exhibit No. 52, NPDES permit, dated 10/25/2007, Bates Nos. RANGEN008087–008182

3052. Deposition Exhibit No. 53, Cold Water Raceway and Associated Full-flow Settling Basin Discharges, various Bates numbers

3053. Deposition Exhibit No. 54, Inspection file, Bates Nos. RANGEN002398–002411

3054. Deposition Exhibit No. 55, Correspondence file, Bates·Nos. RANGEN002600–002642

3055. Deposition Exhibit No. 56, QAPP file, Bates Nos. RANGEN003733–003747

3056. Deposition Exhibit No. 57, BMP's file, Bates Nos. RANGEN003695–003707

3057. Deposition Exhibit No. 58, Curren Springs DEQ Data, dated 03/05/2003,·Bates No. RANGEN001883–001889

3058. Deposition Exhibit No. 59, Hand-drawn diagrams of CTR and raceways, no·Bates numbers

3059. Deposition Exhibit No. 60, Aerial photograph, Bates No. RANGEN001737

3060. Deposition Exhibit No. 61, Spreadsheet of water rights, no Bates numbers

3061. Deposition Exhibit No. 62, White pipe diagram, Bates No. RANGEN001907

3062. Deposition Exhibit No. 63, Rangen Aquaculture Research Center diagram, Bates No. RANGEN008289

3063. Deposition Exhibit No. 64, Diagrams of different rooms, Bates Nos. RANGENWJ001898–001900

3064. Deposition Exhibit No. 65, Photograph, no Bates numbers

3065. Deposition Exhibit No. 66, Photograph, no Bates numbers

3066. Deposition Exhibit No. 67, E-mail from L. Fowler to C. Peterschmidt, dated 11/04/1999, Bates No. RANGENWJ001094

3067. Deposition Exhibit No. 68, Photograph, no Bates numbers

3068. Deposition Exhibit No. 69, Photograph, no Bates numbers

3069. Deposition Exhibit No. 70, RARC (IARC) Work Unit Summary (Projects, Proposals, New Products) Update May 2002, Bates Nos. RANGEN008188–008203

3070. Deposition Exhibit No. 71, Chronological List of FY87 Workunits (compiled 07/17/1987), Bates Nos. RANGENWJ001871–001872

3071. Deposition Exhibit No. 72, Work Unit Summary Sheet - FY86, Bates Nos. RANGENWJ001884–001888

3072. Deposition Exhibit No. 73, Status of Experiments and Reports, Bates Nos. RANGENWJ001875–001877

3073. Deposition Exhibit No. 74, Experiments, Bates Nos. RANGENWJ001879–001880

3074. Deposition Exhibit No. 75, International Aquaculture Research Center Project Outline, Bates Nos. RANGENWJ001904–001913

3075. Deposition Exhibit No. 76, Fill Time Check, no Bates numbers

3076. Deposition Exhibit No. 77, Photograph, no Bates numbers

3077. Deposition Exhibit No. 78, Raceway Volumes and Identifiers, Rangen Fish Hatchery, no Bates numbers

3078. Deposition Exhibit No. 79, Hatchery Production Summary, Idaho Power Company Triploid Rainbow Trout, dated 08/31/2006, Bates Nos. RANGEN008020–008026

3079. Deposition Exhibit No. 80, Production records, no Bates numbers

3080. Deposition Exhibit No. 81, Final Report, dated 04/2000, submitted by L.G. Fowler, no Bates numbers

3081. Deposition Exhibit No. 82, Rangen Aquaculture Research Center Final Report, dated 06/1991, no Bates numbers

3082. Deposition Exhibit No. 83, Mid-Year Progress Report, Fiscal Year 1984, no Bates numbers

3083. Deposition Exhibit No. 84, Memo from D. Ramsey to Dr. Franz-Josef Schöner, dated 01/18/1999, no Bates numbers

3084. Deposition Exhibit No. 85, IARC Research Report to Canbra: Canola meal in RBT diets, no Bates numbers

3085. Deposition Exhibit No. 86, Rangen Aquaculture Research Center Final Report, dated 03/19/1990, no Bates numbers

3086. Deposition Exhibit No. 87, Raceway Experiment Reviews as of July 2002, no Bates numbers

3087. Deposition Exhibit No. 88, Individual Pond Record, Rangen Research Hatchery, dated 11/09/1982–03/16/1983, Bates No. RANGENWJ002299

3088. Deposition Exhibit No. 89, Subpoena Duces Tecum for David Brock, no Bates numbers

3089. Deposition Exhibit No. 90, Transmittal from Doug to David, dated 10/30/2008, no Bates numbers

3090. Deposition Exhibit No. 91, Letter from D. Brock to K. Walker, dated 02/26/1999, no Bates numbers

3091. Deposition Exhibit No. 92, Rangen Aquaculture Research Center Contract Research Agreement, dated 12/14/2007, no Bates numbers

3092. Deposition Exhibit No. 93, Resumé of David L. Brock, no Bates numbers

3093. Deposition Exhibit No. 94, Resumé of David L. Brock, no Bates numbers

3094. Deposition Exhibit No. 95, RARC (IARC) Work Unit Summary, updated May 2002, Bates Nos. RANGEN008188–008203

3095. Deposition Exhibit No. 96, Notebook No. 2012, issued 08/17/2012, Bates Nos. RANGENWJ003924–003955

3096. Deposition Exhibit No. 97, Final Report for N0405, dated March 2005, Bates Nos. RANGEN008234–008241

3097. Deposition Exhibit No. 98, Final Report for N0004, dated April 2000, Bates Nos. RANGENWJ001096–001102

3098. Deposition Exhibit No. 99, Fax from D. Ramsey to D. Brock, dated 07/17/1992, Bates Nos. RANGENWJ001947–001949

3099. Deposition Exhibit No. 100, RARC Study No. N9409, report completed 07/25/1995, Bates Nos. RANGEN015767–015817

3100. Deposition Exhibit No. 101, Various spreadsheets and data, Bates Nos. RANGENWJ001293–001322

3101. Deposition Exhibit No. 102, N0102 Raceways, Bates Nos. RANGENWJ001323–001357

3102. Deposition Exhibit No. 103, Protocol For Diet Test N0203, no Bates numbers

3103. Deposition Exhibit No. 104, Final Report for N0601, dated 12/15/2006, Bates Nos. RANGEN008242–008246

3104. Deposition Exhibit No. 105, Rangen Aquaculture Research Center In House Research Proposal, dated 02/07/2011, Bates Nos. RANGEN008273–008279

3105. Deposition Exhibit No. 106, Final Report for N0003, dated April 2000, no Bates numbers

3106. Deposition Exhibit No. 107, Final Report for N9705R, dated 11/20/1999, Bates Nos. RANGEN016046–016059

3107. Deposition Exhibit No. 108, IARC Research Report to Canbra: Canola meal in RBT diets, Bates Nos. RANGENWJ002399–002412

3108. Deposition Exhibit No. 109, Baker - Interim Progress Report, dated ·08/21/1989, Bates Nos. RANGENWJ001838–001843

3109. Deposition Exhibit No. 110, Hand-drawn sketch of raceways, no Bates numbers

3110. Deposition Exhibit No. 111, Feeding Tips For Trout, no Bates numbers

3111. Deposition Exhibit No. 112, Rangen Groundwater Discharge and ESPAM2.1 Hydrogeologic Investigation, dated 12/20/2012, no Bates numbers

3112. Deposition Exhibit No. 113, Review of "Expert Report in the Matter of Rangen, Inc. - Availability of Spring Flow and Injury to Water Rights," dated 02/08/2013, no Bates numbers

3113. Deposition Exhibit No. 114, Rangen Discharge graphs, 1993–2009, no Bates numbers

3114. Deposition Exhibit No. 115, Rangen Groundwater Discharge and ESAM2.1 Hydrogeologic Investigation, dated 12/20/2012 (with 01/18/2013 errata), no Bates numbers

3115. Deposition Exhibit No. 116, Hydrology, Water Right and Groundwater Modeling Evaluation of Rangen Delivery Call, dated 12/21/2012, no Bates numbers

3116. Deposition Exhibit No. 117, Review of Expert Report in the Matter of Rangen, Inc., Availability of Spring Flow and Injury to Water Rights, dated 02/08/2012, no Bates numbers

3117. Deposition Exhibit No. 118, Resumé of Charles M. Brendecke, Ph.D., P.E., no Bates numbers

3118. Deposition Exhibit No. 119, Printout from Hydrosphere/AMEC website, no Bates numbers

3119. Deposition Exhibit No. 120, Comments on Trim Line and Model Uncertainty, by C. Brendecke, no Bates numbers

3120. Deposition Exhibit No. 121, Scoping calculations performed by the Department in July 2012, no Bates numbers

3121. Deposition Exhibit No. 122, Affidavit of Charles M. Brendecke in Support of IGWA's Motion to Continue Hearing, no Bates numbers

3122. Deposition Exhibit No. 123, Rebuttal Report in the Matter of Rangen, Inc. - Availability of Spring Flow and Injury to Water Rights, dated 02/08/2013, no Bates numbers

3123. Deposition Exhibit No. 124, Figure 4 - Rangen Area Location Map, no Bates numbers

3124. Deposition Exhibit No. 125, Expert Rebuttal Report of John D. Woodling, no Bates numbers

3125. Deposition Exhibit No. 126, Resumé of Gregory K. Sullivan, P.E.

3126. Deposition Exhibit No. 127, Printout from Spronk Water Engineers, Inc., website

3127. Deposition Exhibit No. 128, Spronk Water Engineers, Inc., Expert Report Dated December 21, 2012, Prepared for the City of Pocatello

3128. Deposition Exhibit No. 129, Spronk Water Engineers, Inc., Expert Rebuttal Report Dated February 7, 2013, Prepared for the City of Pocatello

3129. Deposition Exhibit No. 130, Handwritten calculations

3130. Deposition Exhibit No. 131, IDAPA 37.03.11 - Conjunctive Management of Surface & Ground Water Resources

3131. Deposition Exhibit No. 132, Figure 8.3, Response of Rangen Hatchery to Curtailment by Trim Line, ESPAM Version 2.1

3132. Deposition Exhibit No. 133, Curriculum Vitae of Gregory Green, Ph.D.

3133. Deposition Exhibit No. 134, Expert Witness Report by John S. Church, 12/21/12

3134. Deposition Exhibit No. 135, Rebuttal Report by Gregory Green, Ph.D.

3135. Deposition Exhibit No. 136A, Miscellaneous Documents Re: Canyon Springs Grant Process, Bates Nos. IGWA 000716–000730

3136. Deposition Exhibit No. 136B, Miscellaneous Documents Re: Canyon Springs Grant Process, Bates Nos. IGWA 000732–000744

3137. Deposition Exhibit No. 136C, Miscellaneous Documents Re: Canyon Springs Grant Process, Bates Nos. IGWA 000745–000750

3138. Deposition Exhibit No. 137A, Miscellaneous Documents Re: Clear Springs Foods Grant Process, Bates Nos. IGWA 000705–000715

3139. Deposition Exhibit No. 137B, Miscellaneous Documents Re: Clear Springs Foods Grant Process, Bates Nos. IGWA 000674–000685

3140. Deposition Exhibit No. 137C, Miscellaneous Documents Re: Clear Springs Foods Grant Process, Bates Nos. IGWA 000672–000673

3141. Deposition Exhibit No. 138A, Miscellaneous Documents Re: Fisheries Development Company Grant Process, Bates Nos. IGWA 000688–000704

3142. Deposition Exhibit No. 138B, Miscellaneous Documents Re: Fisheries Development Company Grant Process, Bates Nos. IGWA 000658–000669

3143. Deposition Exhibit No. 138C, Miscellaneous Documents Re: Fisheries Development Company Grant Process, Bates Nos. IGWA 000656–000657

3144. Deposition Exhibit No. 138D, Miscellaneous Documents Re: Fisheries Development Company Grant Process, Bates No. IGWA 000731

3145. Deposition Exhibit No. 138E, Miscellaneous Documents Re: Fisheries Development Company Grant Process, Bates No. IGWA 000655

3146. Deposition Exhibit No. 139, Resumé of Bryce A. Contor

3147. Deposition Exhibit No. 140, Printout from Rocky Mountain Environmental Associates website

3148. Deposition Exhibit No. 141, Talking Points

3149. Deposition Exhibit No. 142, Policy Context

3150. Deposition Exhibit No. 143, Response to Rebuttal

3151. Deposition Exhibit No. 144, E-mail from A. Wylie to several recipients, dated 08/06/2012

3152. Deposition Exhibit No. 145, Idaho Statute 42-230

3153. Deposition Exhibit No. 146, Letter from B. Contor to G. Spackman, dated 10/03/2012, with enclosures

3154. Deposition Exhibit No. 147, Computation of Rate and Volume of Stream Depletion by Wells, by C.T. Jenkins

3155. Deposition Exhibit No. 148, Snake River Plain Aquifer Model Scenario Update: Hydrologic Effects of Continued 1980–2002 Water Supply and Use Conditions Using Snake River Plain Aquifer Model Version 1.1, "Base Case Scenario," December 2005

3156. Deposition Exhibit No. 149, Computation of Rate and Volume of Stream Depletion by Wells, by C.T. Jenkins

3157. Deposition Exhibit No. 150, University of Idaho Faculty Staff Handbook excerpt regarding Professional Consulting and Additional Workload

3158. Deposition Exhibit No. 151, University of Idaho Faculty Staff Handbook excerpt regarding Conflicts of Interest or Commitment

3159. Deposition Exhibit No. 152, Joint Notice of Taking Deposition Duces Tecum of Jim Brannon

3160. Deposition Exhibit No. 153, Resumés of Jim Brannon

3161. Deposition Exhibit No. 154, Expert Report in the Matter of Rangen, Inc. - Availability of Spring Flow and Injury to Water Rights, dated 12/20/2012

3162. Deposition Exhibit No. 155, Rebuttal Report in the Matter of Rangen, Inc. - Availability of Spring Flow and Injury to Water Rights, dated 02/08/2013

3163. Deposition Exhibit No. 156, Analysis of Historical Rangen Spring Flows, dated 09/21/2009

3164. Deposition Exhibit No. 157, Analysis of Historical Rangen Spring Flows, dated 09/21/2009

3165. Deposition Exhibit No. 158, Joint Notice of Taking Deposition Duces Tecum of David C. Colvin, P.G.

3166. Deposition Exhibit No. 159, Resumé of David C. Colvin, P.G.

3167. Deposition Exhibit No. 160, Table 1, Rangen Hatchery Research Facility - Hagerman, ID, Water Flow Measurements - 06/21/2012

3168. Deposition Exhibit No. 161, Photograph

3169. Deposition Exhibit No. 162, Photograph

3170. Deposition Exhibit No. 163, Directory Listing

3171. Deposition Exhibit No. 164, Expert Report in the Matter of Rangen, Inc. - Distribution of Water, Seasonal, and Pumping Impacted - Availability of Spring Discharge, and Injury to Water Rights, Preliminary Draft, dated 11/06/2012

3172. Deposition Exhibit No. 165, Expert Report in the Matter of Rangen, Inc., Availability of Spring Discharge, and Injury to Water Rights, Preliminary Draft, dated 12/07/2012

3173. Deposition Exhibit No. 166, Joint Notice of Taking Deposition Duces Tecum of Charles E. Brockway, Ph.D., P.E.

3174. Deposition Exhibit No. 167, Resumé of Charles E. Brockway, P.E., Ph.D.

3175. Deposition Exhibit No. 168, Letter from C.E. Brockway to D. Tuthill, dated 06/25/1981

3176. Deposition Exhibit No. 169, Report on Water Measuring Facilities, Niagara Springs, Gooding County, Idaho

3177. Deposition Exhibit No. 170, Letter from C.E. Brockway to G. Funderburg, dated 10/01/1981

3178. Deposition Exhibit No. 171, Hand-drawn sketch

3179. Deposition Exhibit No. 172, Letter from C.E. Brockway to C. Peterschmidt, dated 10/01/1996

3180. Deposition Exhibit No. 173, Letter from C.E. Brockway to E. Hardy, dated 04/09/1979, with attachments

3181. Deposition Exhibit No. 174, ITRC Weir Stick report

3182. Deposition Exhibit No. 175, Measurements taken by Lonnie Tate and Joy Kinyon, Saturday, September 15, 2012

3183. Deposition Exhibit No. 176, Rangen field measurements taken 09/18/2012

3184. Deposition Exhibit No. 177, Weir Coefficient - Rangen Calculated From Historical Measured Head and Discharge

3185. Deposition Exhibit No. 178, Flow measurements from 1994

3186. Deposition Exhibit No. 179, Rangen Comparison of Rangen Weir Flow Calculations

3187. Deposition Exhibit No. 180, Water Measurement Procedures Irrigation Operators' Workshop - 1967

3188. Deposition Exhibit No. 181, Quality Assurance Plan, Rangen Aquaculture Research Center, revised 05/01/2008, RANGEN003733–003747

3189. Deposition Exhibit No. 182, Qanat Systems in Iran, 1971

3190. Deposition Exhibit No. 183, Expert Report by Charlie E. Smith, 12/20/2012, no Bates numbers

3191. Deposition Exhibit No. 184, Rebuttal Expert Report by Charlie E. Smith, 02/08/2013, no Bates numbers

3192. Deposition Exhibit No. 185, Rangen Trout Research Hatchery Outline of Operations, Bates Nos. RANGEN016795–016797

3193. Deposition Exhibit No. 186, Joint Notice of Taking Deposition Duces Tecum of Charlie Smith, no Bates numbers

3194. Deposition Exhibit No. 187, Charlie Smith's Handwritten notes Entitled "Water Oxygen Levels in August 2012" With Attached Water Quality Summary Reports, no Bates numbers

3195. Deposition Exhibit No. 188, Document Re: Flow Index and Density Index Numbers for IPC Fish and Production Fish, no Bates numbers

3196. Deposition Exhibit No. 189, Aquaculture Article Entitled "Soybean Meal Level and Probiotics in First Feeding Fry Diets Alter the Ability of Rainbow Trout Oncorhynchus mykiss to Utilize High Levels of Soybean Meal During Grow-Out," no Bates numbers

3197. Deposition Exhibit No. 190, Aquaculture Article Entitled, "The Effect of Vitamin Premix in Extruded Plant-Based and Fish Meal Diets on Growth Efficiency and Health of Rainbow Trout, Oncorhynchus mykiss," no Bates numbers

3198. Deposition Exhibit No. 191, Excerpts From Charlie Smith's Daytimer, With Attachments, no Bates numbers

3199. Deposition Exhibit No. 192, Color Graphs Entitled, "Hatchery Rearing Level Calculations," no Bates numbers

3200. Deposition Exhibit No. 193, Expert Witness Report by Thomas L. Rogers, 12/21/2012, no Bates numbers

3201. Deposition Exhibit No. 194, Rebuttal Report by Thomas L. Rogers, 02/08/2013, no Bates numbers

3202. Deposition Exhibit No. 195, Review of Hydrogeologic Conditions Located at and Adjacent to the Spring at Rangen, Inc., 03/04/2009, no Bates numbers

3203. Deposition Exhibit No. 196, IDWR Staff Memo From Jennifer Sukow to Gary Spackman, 02/27/2013, With Attachments, no Bates

3204. Deposition Exhibit No. 197, Figure 8 - Schematic Contouring of Base of Primary Aquifer, with notations by Neal Farmer, no Bates numbers

3205. Deposition Exhibit No. 198, Figure 19, Rangen Area Irrigation Wells, With notations by Neal Farmer, no Bates numbers

3206. Deposition Exhibit No. 199, Figure 16 - Rangen Area Groundwater Level Schematic, with notations by Neal Farmer, no Bates numbers

3207. Deposition Exhibit No. 200, Figure 13 - Rangen Groundwater Discharge Cross-Section, with notations by Neal Farmer, no Bates numbers

3208. Deposition Exhibit No. 201, Letter From John Koreny, Charles Brockway, Jon Bowling, and Willem Schreuder to Rick Raymondi, 10/24/2006, Re: Applicability of ESPA Model, no Bates numbers

3209. Deposition Exhibit No. 202, Figure 26 - ESPAM2.1 Nov. 2007 Aquifer Head Distribution, with notations by Neal Farmer, no Bates numbers

3210. Deposition Exhibit No. 203, Fluorescent Dye Tracer Tests and Hydrogeology near the Malad Gorge State Park (Meyer, Conklin and Riddle Wells), no Bates numbers

3211. Deposition Exhibit No. 204, Curriculum Vitae of Richard R. Raymondi, no Bates numbers

3212. Deposition Exhibit No. 205, Letter From Director Tuthill to The Members of the ESHMC, 02/25/2009, no Bates numbers

3213. Deposition Exhibit No. 206, Curriculum Vitae of Jenifer S. Sukow, P.E., P.G., no Bates numbers

3214. Deposition Exhibit No. 207, Figure 15 - Rangen Area Groundwater Elevations, no Bates numbers

3215. Deposition Exhibit No. 208, Document Entitled, "Preface to the Fourth Edition," With Quote from John Doherty, 10/99, no Bates numbers

3216. Deposition Exhibit No. 209, E-Mail Chain, 03/01/2013, Re: Pocatello Request for Documents from IDWR, no Bates numbers

3217. Deposition Exhibit No. 210, Document Entitled, "Documents Produced by IDWR for Staff Depositions," no Bates numbers

3218. Deposition Exhibit No. 211, Miscellaneous Letters, Memos, and E-Mails, no Bates numbers

3219. Deposition Exhibit No. 212, IDWR Minimum Acceptable Standards for Measurement and Reporting of Surface and Ground Water Diversions, no Bates numbers

3220. Deposition Exhibit No. 213, Memorandum From Cindy Yenter to Karl Dreher and Others, 12/15/2003, Re: Water Right Review and Sufficiency of Measuring Devices, Rangen Aquaculture, With Attachments, no Bates numbers

3221. Deposition Exhibit No. 214, Representation of Irrigated Lands and Source of Irrigation Water, Eastern Snake Plain Aquifer Model Version 2, As Built, by Bryce Contor, 7/10, no Bates numbers

3222. Deposition Exhibit No. 215, Graph by Jennifer Sukow Re: Average Annual Discharge (cfs), no Bates numbers

3223. Deposition Exhibit No. 216, "Additional Data For Consideration" Submission From Tim Luke to Jennifer Sukow, With Table, no Bates numbers

3224. Deposition Exhibit No. 217, Letter From Director Spackman to Eastern Snake Hydrologic Modeling Committee Members, 06/09/2011, no Bates numbers

3225. Deposition Exhibit No. 218, List of Hatcheries in WD36/WD130 where IDWR has "accepted" non-standard measuring devices, including raceway check board structures

3226. Deposition Exhibit No. 219, Supplement to Basin 36 Surface Water Open Channel Diversion Log Sheets

3227. Deposition Exhibit No. 220, Letter from T. Luke to C. Peterschmidt, dated 02/06/1996

3228. Deposition Exhibit No. 221, State of Idaho Department of Water Resources Minimum Acceptable Standards for Open Channel and Closed Conduit Measuring Devices

3229. Deposition Exhibit No. 222, Water Distribution Summary for Little Lost River, Water District No. 33, 1993

3230. Deposition Exhibit No. 223, Letter from J. Dee May to N. Young, dated 07/28/1994

3231. Deposition Exhibit No. 224, State of Idaho Department of Water Resources, Beneficial Use Report, Permit No. 63-7879

3232. Deposition Exhibit No. 225, Resumé of Timothy J. Luke

3233. Deposition Exhibit No. 226, U.S. Geological Survey, National Water Information System, Surface water measurements spreadsheet

3234. Deposition Exhibit No. 227, Resumé of Sean Vincent

3235. Deposition Exhibit No. 228, Resumé of Allan Wylie

3236. Deposition Exhibit No. 229, Enhanced Snake Plain Aquifer Model Version 2.1 Uncertainty Analysis, December 2012

3237. Deposition Exhibit No. 230, Model impact spreadsheet

3238. Deposition Exhibit No. 231, Memorandum from B. Contor to ESPAM2 Files, dated 04/27/2010, Re: Ad-hoc adjustments to canal seepage, mixed-source fractions and irrigated lands

3239. Deposition Exhibit No. 232, Memorandum from B. Contor to ESHMC, dated 01/28/2008, Re: Groundwater Supply on Mixed-source Lands

3240. Deposition Exhibit No. 233, I.R.C.P. 30(b)(6) Notice of Taking Deposition Duces Tecum of north Snake Groundwater District

3241. Deposition Exhibit No. 234, Letter from B. Higgs to L. Carlquist, dated 03/18/2013, with attachments

3242. Deposition Exhibit No. 235, 2013 north Snake Ground Water District Member List

3243. Deposition Exhibit No. 236, Printout from Water Well Consultants web page

3244. Deposition Exhibit No. 237, IGWA's First Supplemental Responses to Rangen, Inc.'s First Discovery Requests

3245. No exhibit

3246. No exhibit

3247. No exhibit

3248. No exhibit

3249. No exhibit

3250. No exhibit

3251. No exhibit

3252. Deposition Exhibit No. 245, Joint Notice of Continued Deposition Duces Tecum of Wayne Courtney, no Bates numbers

3253. Deposition Exhibit No. 246, Research Review and Planning Agenda, July 30th and July 31st, no Bates numbers

3254. Deposition Exhibit No. 247, Timeline for next Warm Water Experiment N0301, no Bates numbers

3255. Deposition Exhibit No. 248, Timeline for next Greenhouse Experiment N0302, no Bates numbers

3256. Deposition Exhibit No. 249, Pleistocene Era experiments, no Bates numbers

3257. Deposition Exhibit No. 250, Recent Research at Rangen, Bates Nos. RANGENWJ014230–014237

3258. Deposition Exhibit No. 251, Recent Research at Rangen, Bates Nos. RANGENWJ014238–014246

3259. Deposition Exhibit No. 252, Rangen, Inc.'s Response to City of Pocatello's Discovery Requests to Rangen Made Pursuant to March 4, 2013 Order Denying IGWA and Pocatello's Motion to Compel Production of Research List, no Bates numbers

3260. Deposition Exhibit No. 253, Timeline for Winter 2001 Raceway Experiment N0202, no Bates numbers

3261. Deposition Exhibit No. 254, Timeline for Winter 2001 Greenhouse Experiment N0202, Bates No. RANGENWJ003444

3262. Deposition Exhibit No. 255, Protocol for Diet N0202 - Greenhouse Tests of EXTR 450 with Substitution of White Corn Gluten Meal into Diet, Bates Nos. RANGENWJ003440–003441

3263. Deposition Exhibit No. 256, Memorandum from D. McGrane, J. Brannon, and D. Colvin to Rangen, Inc., dated 12/09/2011, no Bates numbers

3264. Deposition Exhibit No. 257, Rangen Research Hatchery flow and production record, 1972–1990, no Bates numbers

3265. Deposition Exhibit No. 258, Farm to School, The Pick of the Crop from Idaho, no Bates numbers

3266. Deposition Exhibit No. 259, History, no Bates numbers

3267. Deposition Exhibit No. 260, Rangen Trout Research Hatchery Outline of Operations, no Bates numbers

3268. Deposition Exhibit No. 261, Letter from E. Brauer to J. Perlroth, dated 11/18/1991, with enclosures, Bates Nos. RANGEN014424–014443

3269. Deposition Exhibit No. 262, Hatchery typewritten notes, no Bates numbers

3270. Deposition Exhibit No. 263, Rangen Aquaculture Research Center Research Agreement, dated 08/19/2005, Bates Nos. RANGEN016798–016854 and one page no Bates numbers

3271. Deposition Exhibit No. 264, Rangen Aquaculture Research Center Research Agreement, dated 08/19/2005, no Bates numbers

3272. Deposition Exhibit No. 265, Containment and Risk Management in a Rainbow Trout Feeding Trial, dated 02/04/2005, no Bates numbers

3273. Deposition Exhibit No. 266, Containment and Risk Management in a Genetically-Modified Rainbow Trout Feeding Trial, a Proposal to the Idaho Department of Fish and Game, dated 03/04/2005, no Bates numbers

B) Expert Reports:

3274. Spronk Water Engineers, Inc. Expert Report, December 21, 2012 ("December 21 Spronk Expert Report"), including exhibits/appendices, and any document listed as relied upon therein

3275. Figure 1-1 to December 21 Spronk Expert Report, Location Map, Eastern Snake Plain Aquifer

3276. Figure 2-1 to December 21 Spronk Expert Report, Location Map, Rangen Hatchery

3277. Figure 2-2 to December 21 Spronk Expert Report, Aerial Photograph, Rangen Hatchery

3278. Figure 2-3 to December 21 Spronk Expert Report, Photograph of Curren Tunnel Diversion Facilities

3279. Figure 2-4 to December 21 Spronk Expert Report, Schematic Diagram, Rangen Hatchery

3280. Figure 2-5 to December 21 Spronk Expert Report, Monthly Average Flow, Rangen Hatchery, 1966–2012

3281. Figure 2-6 to December 21 Spronk Expert Report, Monthly Average Flows, Rangen Hatchery, 1966–1970 and 2007–2011

3282. Figure 2-7 to December 21 Spronk Expert Report, Monthly Average Rangen Hatchery Flow vs. Curren Tunnel and Other Springs, 1993–2011

3283. Figure 2-8 to December 21 Spronk Expert Report, Daily Flows, Rangen Hatchery, 1981–2003

3284. Figure 2-9 to December 21 Spronk Expert Report, Raceway Volumes and Identifiers, Rangen Hatchery

3285. Figure 4-1 to December 21 Spronk Expert Report, Fish Production Data Provided by Rangen, 1972–2012

3286. Figure 4-2 to December 21 Spronk Expert Report, Annual Production Data, Rangen Hatchery, 1972–2011

3287. Figure 4-3 to December 21 Spronk Expert Report, Potential vs. Actual Annual Production, Rangen Hatchery, 1972–2011

3288. Figure 4-4 to December 21 Spronk Expert Report, Monthly Fish Sales and End-of-Month Inventory in Pounds, Rangen Hatchery, 1987–July 2012

3289. Figure 4-5 to December 21 Spronk Expert Report, Reported Density Index, Idaho Power Hatchery Production Summaries, Rangen Hatchery, 2006–2012

3290. Figure 4-6 to December 21 Spronk Expert Report, Reported Flow Index, Idaho Power Hatchery Production Summaries, Rangen Hatchery, 2006–2012

3291. Figure 4-7 to December 21 Spronk Expert Report, Daily Flow (cfs), Idaho Power Hatchery Production Summaries, Rangen Hatchery, 2006–2012

3292. Figure 4-8 to December 21 Spronk Expert Report, Trough and Small Raceway Flows vs. Curren Tunnel Flows, Idaho Power Hatchery Production Summaries, Rangen Hatchery, August 2006 - July 2012

3293. Figure 4-9 to December 21 Spronk Expert Report, Large and CTR Raceway Flows vs. Total Rangen Flow, Idaho Power Hatchery Production Summaries, Rangen Hatchery, August 2006–July 2012

3294. Figure 4-10 to December 21 Spronk Expert Report, Monthly Flow Through Raceways vs. Total Rangen Flow and Curren Tunnel Flow, Rangen Hatchery, August 2006–July 2012

3295. Figure 5-1a to December 21 Spronk Expert Report, Summary of Research Index Work Units, All Species, Rangen Hatchery, 1981–2012, Work Units in Index by Study Site

3296. Figure 5-1b to December 21 Spronk Expert Report, Summary of Research Index Work Units, All Species, Rangen Hatchery, 1981–2012, Type of Study

3297. Figure 5-1c to December 21 Spronk Expert Report, Summary of Research Index Work Units, All Species, Rangen Hatchery, 1981–2012, Location of Study

3298. Figure 5-2 to December 21 Spronk Expert Report, Summary of Research Index Work Units, All Species, Rangen Hatchery, 1981–2012

3299. Figure 5-3a to December 21 Spronk Expert Report, Summary of Research Index Work Units, Cold Water or Unknown Species, Rangen Hatchery, 1981 - 2012, Type of Documentation

3300. Figure 5-3b to December 21 Spronk Expert Report, Summary of Research Index Work Units, Cold Water or Unknown Species, Rangen Hatchery, 1981–2012, Information Contained in Documentation

3301. Figure 5-3c to December 21 Spronk Expert Report, Summary of Research Index Work Units, Cold Water or Unknown Species, Rangen Hatchery, 1981–2012, Type of Study

3302. Figure 5-3d to December 21 Spronk Expert Report, Summary of Research Index Work Units, Cold Water or Unknown Species, Rangen Hatchery, 1981–2012, Location of Study

3303. Figure 5-3e to December 21 Spronk Expert Report, Summary of Research Index Work Units, Cold Water or Unknown Species, Rangen Hatchery, 1981–2012, Fish Species in Proposal or Study

3304. Figure 5-4 to December 21 Spronk Expert Report, Summary of Reported Flows in Research Documents, Rangen Hatchery, 1981–2012

3305. Figure 6-1 to December 21 Spronk Expert Report, Discharge Monitoring Report Summary, Rangen Hatchery (NPDES Permit # IDG130015)

3306. Figure 7-1 to December 21 Spronk Expert Report, Location Map, City of Pocatello Wells

3307. Figure 8-1 to December 21 Spronk Expert Report, Summary of Transient Response of Curren Spring to Pocatello ESPA Wells, Eastern Snake Plain Aquifer Model Version 2.1

3308. Figure 8-2 to December 21 Spronk Expert Report, Summary of Transient Response Curren Spring to Curtailment of Pocatello ESPA Wells with Priority Dates Junior to July 13, 1962, Eastern Snake Plain Aquifer Model Version 2.1

3309. Figure 8-3 to December 21 Spronk Expert Report, Response of Rangen Hatchery to Curtailment by Trim Line, ESPAM Version 2.1

3310. Figure 8-4 to December 21 Spronk Expert Report, Response of Curren Spring to Curtailment with Various Trim Lines, Eastern Snake Plain Aquifer Model Version 2.0

3311. Table 2-1 to December 21 Spronk Expert Report, Summary of Water Rights, Martin-Curren Tunnel

3312. Table 2-2 to December 21 Spronk Expert Report, Monthly Average Flow, Rangen Hatchery, 1966–November 2012

3313. Table 4-1 to December 21 Spronk Expert Report, Summary of Spring and Fall Fish Sales to Idaho Power, Rangen Hatchery, Spring 2007–Spring 2012

3314. Table 7-1 to December 21 Spronk Expert Report, Summary of Water Rights, City of Pocatello

3315. Table 7-2 to December 21 Spronk Expert Report, Annual Pumping, City of Pocatello, 2007–2011

3316. Table 8-1 to December 21 Spronk Expert Report, Summary of Steady-State Response of Curren Spring to Pocatello ESPA Wells

3317. Appendix A to December 21 Spronk Expert Report, Daily Fish Sales Tickets

3318. Appendix B to December 21 Spronk Expert Report, Daily Feed & Mort Reports

3319. Appendix C to December 21 Spronk Expert Report, Monthly Hatchery Reports

3320. Appendix D to December 21 Spronk Expert Report, Monthly Fish Sale Reports

3321. Appendix E to December 21 Spronk Expert Report, Monthly Fish Inventory Reports

3322. Appendix F to December 21 Spronk Expert Report, Idaho Power Hatchery Production Summaries

3323. Appendix G to December 21 Spronk Expert Report, Idaho Power Production by Fish Cycle, Rangen Hatchery

3324. Appendix H to December 21 Spronk Expert Report, Annual Fish Production Report

3325. Spronk Water Engineers, Inc. Expert Rebuttal Report, February 7, 2013 ("February 7 Spronk Rebuttal Report"), including exhibits/appendices, and any document listed as relied upon therein

3326. Figure 1-1 to February 7 Spronk Rebuttal Report, Raceway Use and Rangen Expert Site Visits, Rangen Fish Production Cycle

3327. Figure 1-2a to February 7 Spronk Rebuttal Report, Illustrations of Standard Weir Types, Rectangular Weirs

3328. Figure 1-2b to February 7 Spronk Rebuttal Report, Illustrations of Standard Weir Types, Broad Crested Weir

3329. Figure 1-3 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, Small Raceways

3330. Figure 1-4 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, Large Raceways

3331. Figure 1-5 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, CTR Raceways

3332. Figure 1-6 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, Lodge Dam

3333. Figure 2-1 to February 7 Spronk Rebuttal Report, End-of-Month Fish Inventories, Rangen Hatchery, September 2006–June 2012

3334. Figure 3-1 to February 7 Spronk Rebuttal Report, Total Curren Spring Flow, 1967–1974

3335. Table 1-1 to February 7 Spronk Rebuttal Report, Broad-Crested Weir Stage-Discharge Relationship

3336. Table 1-2 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, Small Raceways

3337. Table 1-3 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, Large Raceways

3338. Table 1-4 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, CTR Raceways

3339. Table 1-5 to February 7 Spronk Rebuttal Report, Analysis of Rangen Rating Table, Lodge Dam

3340. Table 2-1 to February 7 Spronk Rebuttal Report, Comparison of Charlie Smith's Expert Report Table vs. Exhibit 3

3341. Table 3-1 to February 7 Spronk Rebuttal Report, Historical Curren Spring Water Measurements, 1967 - 1974

3342. Appendix A to February 7 Spronk Rebuttal Report, Rangen Tables

3343. Appendix B to February 7 Spronk Rebuttal Report, Photographs of the Lodge Dam and Check Dams in the Small Raceways, Large Raceways, and CTR Raceways

3344. Appendix C to February 7 Spronk Rebuttal Report, Updated Tables and Figures, 2012 Expert Report

3345. Spronk Water Engineers, Inc. Expert Response to IDWR Staff Memorandum, April 5, 2013 ("April 5 Spronk Expert Response"), including exhibits/appendices, and any document listed as relied upon therein

3346. Figure 2-1 to April 5 Spronk Expert Response, ESPAM 2.1 Predicted Increases in Spring Flows and River Reach Gains at Steady State from Curtailment of All ESPA Ground Water Rights Junior to July 13, 1962

3347. Figure 2-2 to April 5 Spronk Expert Response, Predicted Increase in Curren Spring Flow at Steady State from Curtailment of Ground Water Rights Junior to July 13, 1962

3348. Figure 2-3 to April 5 Spronk Expert Response, Points of Diversion and Place of Use, 1962 and 1977 Water Rights, Rangen Inc.

3349. Figure 2-4 to April 5 Spronk Expert Response, Comparison of USGS and Rangen Spring and Fall Flow Measurements, 1970–2013

3350. Figure 2-5a to April 5 Spronk Expert Response, Annual Fish Sales, Rangen Hatchery (excluding Woods) 1992–2011

3351. Figure 2-5b to April 5 Spronk Expert Response, Annual Fish Sales, Rangen Hatchery (including Woods) 1992–2011

3352. Figure 2-5c to April 5 Spronk Expert Response, Annual Fish Sales, Rangen Hatchery (excluding Woods) 1992–2011

3353. Figure 2-5d to April 5 Spronk Expert Response, Annual Fish Sales, Rangen Hatchery (including Woods) 1992–2011

3354. Table 2-1 to April 5 Spronk Expert Response, Predicted Increase in Flow at Steady State from Curtailment of All ESPA Ground Water Rights Junior to July 13, 1962

3355. Table 2-2 to April 5 Spronk Expert Response, Summary of Decreed Spring Diversions in ESPAM 2.1 Spring Cells

3356. Table 2-3 to April 5 Spronk Expert Response, Predicted Increase in Curren Spring Flow at Steady State from Curtailment of Ground Water Rights Junior to July 13, 1962

3357. Table 2-4 to April 5 Spronk Expert Response, Summary of Irrigated Acres in ESPAM 2.1 for Selected Canal Companies and Irrigation Districts

3358. Table 2-5 to April 5 Spronk Expert Response, Comparison of USGS and Rangen Hatchery Flow Measurements, 1970–2013

3359. Table 2-6 to April 5 Spronk Expert Response, Summary of USGS and Rangen Hatchery Flow Measurements, 1970–2013

3360. Table 2-7 to April 5 Spronk Expert Response, Summary of Implicit Weir Coefficients for Rangen Measurements and USGS Measurements

3361. Appendix A to April 5 Spronk Expert Response, IDWR Minimum Acceptable Standards for Open Channel and Closed Conduit Measuring Devices

3362. Appendix B to April 5 Spronk Expert Response, Updated Tables and Figures, 2013 Expert Rebuttal Report

3363. Expert Rebuttal Report of John Woodling, February 8, 2013 ("February 8 Woodling Report"), including exhibits/appendices, and any document listed as relied upon therein

3364. Table 1 to February 8 Woodling Report, List of Raceway Tests Performed at the Rangen Research Hatchery

3365. Table 2 to February 8 Woodling Report, Comparison of Maximum Number of Rainbow Trout/Lot that Can be Reared in Different Parts of the Rangen Research Hatchery as Reflected in Rangen Records and Predicted by Tom Rogers and Charlie Smith

3366. Table 3 to February 8 Woodling Report, Number of Fish Moved to Small Raceways from 2007 through 2010 to Meet IPC Requirements for Fish in May

3367. Table 4 to February 8 Woodling Report, Movement and Holding of Trout on the Rangen Unit in May and June of 2009 and 2010

3368. Exhibit A to February 8 Woodling Report, Curriculum Vitae of John Woodling

3369. Supplementary Expert Report in Response to Rangen, Inc.'s Response to City of Pocatello's Discovery Requests to Rangen made pursuant to March 4, 2013 Order Denying IGWA and Pocatello's Motion to Compel Production of Research List, by John Woodling, April 4, 2013, including exhibits/appendices, and any document listed as relied upon therein

C) Documents Relied upon in Expert Reports:

3370. Aisenbrey, A.J., Hayes, R.B., Warren, H.J., Winsett, D.L., and Young, R.B., Design of Small Canal Structures: Engineering Technology Pertaining to the Design of Small Canal Structures of Less Than 100-Cubic-feet-per-second Capacity, US Dept. of Interior, Bureau of Reclamation, 1978

3371. Brater, E.F. and King, H.W. Handbook of Hydraulics for the Solution of Hydraulic Engineering Problems, Sixth Edition, McGraw-Hill Book Company, 1976

3372. Brennan, T.S., Jones, M.L., O'Dell. I., Lehmann, A.K., and Tungate, A.M., Water Resources Data, Idaho, Water Year 1994. Volume I. Great Basin and Snake River Basin above King Hill, U.S. Geological Survey Water-Data Report IS-94-1, 1994

3373. Chow, V.T., Open-Channel Hydraulics, McGraw-Hill Book Company, 1959

3374. Chow, V.T., Handbook of Applied Hydrology, A compendium of Water-Resources Technology, McGraw-Hill Book Company, 1984

3375. Contor, Bryce, Determining Source of Irrigation Water for recharge Calculation, Design Document DDW-017, University of Idaho, Idaho Water Resources Research Institute, September 9, 2004

3376. Contor, Bryce, Proposed methodology for assessing fraction of supply on mixed-source lands that is provided from ground water, Memo to ESHMC, July 31, 2007

3377. Contor, Bryce, Summary of ESHMC discussions, Memo to Rick Raymondi, IDWR, February 6, 2008

3378. Eastern Snake Hydrologic Modeling Committee, ESHMC Meeting Notes, March 6, 2008

3379. Eastern Snake Hydrologic Modeling Committee, ESHMC Meeting Notes, April 7, 2010

3380. Haan, C.T., Barfield, B.J., and Hayes, J.C., Design Hydrology and Sedimentology for Small Catchments. Academic Press, 1994

3381. Helsel, D.R., and Hirsch, R.M., Statistical Methods in Water Resources, U.S. Geological Survey, Techniques of Water-Resources Investigation Chapter A3 Book 4: Hydrologic analysis and Interpretation, September 2002

3382. Henderson, F.M., Open Channel Flow, Macmillan Publishing Company, 1966

3383. Horton, R.E., Weir Experiments, Coefficients, and Formulas, Revision of Paper No. 150, US Dept. of Interior, US Geological Survey, 1907

3384. Idaho Department of Water Resources, Eastern Snake Plain Aquifer Model Version 2.1 Final Report, December 2012

3385. Larsen, D.C., Water Measurement, Bulletin No. 552, University of Idaho, College of Agriculture, Cooperative Extension Service, February 1976

3386. Rantz, S.E., et al., Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge, U.S. Geological Survey Water Supply Paper 2175, 1982

3387. Sauer, V.B., and Meyer, R.W., Determination of Error in Individual Discharge Measurements, Open File Report 92-144, U.S. Geological Survey, Norcross, GA, 1992

3388. State of Nevada, State Engineer's Office, Common Methods of Measuring Water As Practiced in Western States, 1986

3389. Turnipseed, D.P., and Sauer, V.B., Discharge Measurements at Gaging Stations, U.S. Geological Survey, Techniques and Methods 3-A8, 2010

3390. U.S. Dept. of Interior, Bureau of Reclamation, Water Measurement Procedures, Irrigation Operators' Workshop, Report No. Hyd-577, October 15, 1967

3391. U.S. Dept. of Interior, Bureau of Reclamation, Irrigation Operation and Maintenance, Bulletin No. 72, 1970

3392. U.S. Dept. of Interior, Bureau of Reclamation, Water Measurement Manual, 2001 revised. Available from: http://www.usbr.gov/pmts/hydraulics_lab/pubs/wmm/

3393. Vlotman, W.F., Discharge Measurement Structures, Third Revised Edition, 1989

3394. The Effects of Population Weight Loads and Crowding on Fall Chinook Fingerlings Reared in Circular Tanks, J.L. Banks, L.G. Fowler, U.S. Fish and Wildlife Service, November 1982

3395. Performance of Nine External Tags on Hatchery Reared Rainbow Trout, Transactions of the American Fisheries Society, K.W. McAllister, P.E. McAllister, R.C. Simon, J.K. Werner, 1992

3396. A Comparison of Floy and Soft Vlalpha Tags on Hatchery Arctic Charr, with Emphasis on Tag Retention, Growth and Survival, Environmental Biology of Fishes, Audun Rikardsen, Mary Woodgate, Daniel Thompson, 2002

3397. November 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005352–005382

3398. October 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005383–005418

3399. September 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005419–005451

3400. August 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005452–005479

3401. July 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005480–005514

3402. June 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005515–005549

3403. May 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005550–005578

3404. April 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005579–005614

3405. March 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005615–005658

3406. February 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005659–005697

3407. January 2001 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005698–005728

3408. December 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005729–005770

3409. ITP Growout Inventory Folder Contents 2001, Rangen Research Hatchery, RANGEN005771–005776

3410. November 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005777–005812

3411. October 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005813–005845

3412. September 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005846–005880

3413. August 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005881–005917

3414. July 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005918–005953

3415. June 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN005954 –RANGEN006003

3416. May 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006004–006031

3417. April 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006032–006074

3418. March 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006075–006156

3419. January 2000 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006157–006186

3420. December 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006187–006227

3421. November 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006228–006259

3422. October 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006260–006295

3423. September 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006296–006327

3424. August 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006328–006360

3425. July 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006361–006395

3426. 1987–1992 Inventory Charts, Rangen Research Hatchery, RANGEN006396–006408

3427. June 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006409–006443

3428. May 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006444–006484

3429. April 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006485–006523

3430. March 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006524–006566

3431. February 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006567–006610

3432. January 1999 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006611–006647

3433. December 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006648–006688

3434. November 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006689–006726

3435. October 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006727–006760

3436. September 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006761–006790

3437. August 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006791–006829

3438. July 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006830–006858

3439. June 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006859–006895

3440. May 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006896–006931

3441. April 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006932–006967

3442. March 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN006968–007003

3443. February 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007004–007038

3444. January 1998 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007039–007072

3445. December 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007073–007101

3446. November 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007102–007129

3447. October 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007130–007160

3448. September 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007161–007203

3449. August 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007204–007232

3450. July 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007233–007265

3451. June 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007266–007300

3452. May 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007301–007345

3453. April 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007346–007378

3454. March 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007379–007417

3455. February 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007418–007456

3456. January 1997 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007457–007488

3457. December 1996 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007489–007527

3458. November 1996 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007528–007560

3459. October 1996 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007561–007597

3460. September 1996 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007598–007635

3461. August 1996 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007636–007662

3462. July 1996 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007663–007694

3463. June 1995 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007695–007712

3464. May 1995 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007713–007733

3465. April 1995 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007734–007757

3466. March 1995 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007758–007773

3467. February 1995 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007774–007794

3468. January 1995 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007795–007813

3469. December 1994 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007814–007828

3470. November 1994 Inventory Folder Contents, Rangen Research Hatchery, RANGEN007829–RANGEN007844

3471. Laurie October Inventory Folder Contents, Rangen Research Hatchery, 10/00/1994, RANGEN007845–007875

3472. September Inventory Folder Contents, Rangen Research Hatchery, 09/00/1994, RANGEN007876–007910

3473. Agreement between Idaho Power Company and Rangen Aquaculture Research Center, September 17, 2004, RANGEN007911–007990

3474. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2007, RANGEN007991–007996

3475. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2008, RANGEN007997–08004

3476. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2011, RANGEN008005–008014

3477. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2012, RANGEN008015–008019

3478. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2006, RANGEN008020–008026

3479. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2007, RANGEN008027–008034

3480. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2009, RANGEN008035–008042

3481. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2010, RANGEN008043–008054

3482. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2009, RANGEN008055–008061

3483. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2010, RANGEN008062–008071

3484. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2011, RANGEN008072–008080

3485. Hatchery Production Summary Idaho Power Company Triploid Rainbow Trout, 2008, RANGEN008081–008087

3486. RARC IARC Work Unit Summary Update, Rangen Aquaculture Research Center, May 2002, RANGEN008188–008203

3487. Final Report N0405 Tests with the EXTR 400 Diet Containing Bean Culls, Corn Distiller's Dried Grains, and Non-terrestrial Animal Products, L. G. Fowler, Doug Ramsey, C. E. Smith, Rangen Aquaculture Research Center, March 2005, RANGEN008234–008241

3488. Final Report N0601 Divis Laboratories Pigment Trial, Doug Ramsey, Rangen Aquaculture Research and Hatchery Service Center, December 15, 2006, RANGEN008242–008246

3489. Report N1001 Protein Substitutes for Fishmeal in Rangen EXTR 450 Diets, Joy Kinyon, David Brock, Doug Ramsey, Rangen Aquaculture Research Center, February 7, 2011, RANGEN008273–008279

3490. File Folder of Biokyowa, Inc., Mr. Takafumi Ina, N8903 and I9101, RANGEN013875–014010

3491. File Folder of Coors Biotech, Inc. N9103, 1991, RANGEN014363–014408

3492. Blank Signature Page for N9705R Final Report, November 1999, RANGEN016045

3493. Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 20, 1999, RANGEN016046–016149

3494. Blank Chain of Custody Record for Rangen Aquaculture Research & Hatchery Service Center, RANGEN016150

3495. Table 5, Rangen Aquaculture Research & Hatchery Service Center, Contract Research–Final Report, corrected, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016151

3496. Table 5, Rangen Aquaculture Research & Hatchery Service Center, Contract Research–Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016152

3497. Table 6, Rangen Aquaculture Research & Hatchery Service Center, Contract Research–Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, RANGEN016153

3498. Table 15 and 16, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016154–016155

3499. Appendix D, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016156–016157

3500. Appendix E1, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016158–016177

3501. Appendix E2, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016178–16189

3502. Memo re: N9705R Final Report, Doug Ramsey, Dr. Remi Baker, 12/07/1999, RANGEN016190

3503. Table 11 and 12, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016191–016192

3504. Table 13, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016193

3505. Table 19, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016194

3506. Table 7, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016195–016196

3507. Table 9 and 10, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016197

3508. Table 17 and 18, Rangen Aquaculture Research & Hatchery Service Center, Contract Research, Final Report, N9705R: Effects of frozen storage and smoke processing on carotenoid concentration in Atlantic salmon (Salmo salar)-Restocked, November 1999, RANGEN016198

D) All Research Reports, Proposals, and associated data produced by Rangen, Inc. in this matter, including:

3509. Final Report N0003 Performance Comparison, Rangen's EXTR 450 versus an improved version of the EXTR 450, L. G. Fowler, Rangen, Inc., Aquaculture Division, April 2000, RANGENWJ001076–001082

3510. Final Report N0004 Performance Comparison, Rangen's Standard ESTR 450 vs. a High Fat Version Fed to Rainbow Trout in a Raceway Environment, L. G. Fowler, Rangen, Inc., Aquaculture Division, April 2000, RANGENWJ001096–001102

3511. Rangen Research Report Cover, N9105, Aquaculture Division, Rangen, Inc., RANGENWJ001183

3512. Midterm Report N9105, April 1991, RANGENWJ001184–001208

3513. N9105 Hatchery Data, RANGENWJ001209–001236

3514. Final Report N9602 In-House Diet Comparison Among Three Pelleted Diets, Rangen Aquaculture Research Center, October 1996, RANGENWJ001388–001394

3515. Experiment No. 048-83, Effect of Treatment of Normal Gill Tissues with Compounds Used for Treatment of Bacterial Gill Disease, Purina 4X and Cutrine, Nancy Wood, International Aquaculture Research Center, March 17, 1983, RANGENWJ001464–001471

3516. File re Experiment No. 11-077-83, 1983, RANGENWJ001472–001565

3517. File re Experiment No. 271-82, Studies Conducted on Rangen Research Hatchery, 1982, RANGENWJ001567–001625

3518. File re Experiment No. 130-83, Studies Conducted on Rangen Research Hatchery, 1983, RANGENWJ001626–001701

3519. Final Report N9709 Poultry By-Product Meal Substitution for Fish Meal in RBT Diets, Linda Lemmon, Doug Ramsey, August 1, 1997, RANGENWJ001788–001791

3520. Closed Formula Feed Comparison in RBT, International Aquaculture Research Center, 1984, RANGENWJ001798–001799

3521. N8901 Rangen Research Report Cover, RANGENWJ001829

3522. Steam or Flame-Dried Chilean Mackerel in Commercial Trout Diets N8901, Rangen Aquaculture Research Center, February 1989, RANGENWJ001830–001843

3523. Individual Pond Record N8901, Rangen Research Hatchery, 1989, RANGENWJ001844–001869

3524. Final Report, Project No. N0107, Performance Comparison, Standard Starter Diet versus Fast Start Starter Diet, L. G. Fowler, Rangen Aquaculture Division, July 2001, RANGENWJ002114–002123

3525. Experiment No. 27-019-82 File, Rangen Research Hatchery, 1982, RANGENWJ002126–002160

3526. Canbra Proposal Folder, RANGENWJ002398

3527. Research Report to Canbra, Canola Meal in RBT Diets, International Aquaculture Research Center, RANGENWJ002399–002412

3528. Canola II Interim Report #1, Low-goitrogen Canola Meal in Rainbow Trout Diets, International Aquaculture Research Center, February 12, 1986, RANGENWJ002413–002415

3529. Canola II Research Agreement, Low-goitrogen Canola Meal in Rainbow Trout Diets, October 1985, RANGENWJ002416

3530. N8867 Finnstim Folder Contents, RANGENWJ002418–002519

3531. Closed Formula Feed Comparison in Rainbow Trout 420-N-84-03 (236A-83) N8403, International Aquaculture Research Center, RANGENWJ002531–002533

3532. 420-N-85-17 Fry Feeds Commercial Folder (N8517), RANGENWJ002537

3533. Clinical Diagnosis Final Summary Report N8517 420-N-85-17, International Aquaculture Research Center, February 25, 1985, RANGENWJ002538–002560

3534. Clinical Diagnosis Final Summary Report N8517 420-N-85-17, International Aquaculture Research Center, February 25, 1985, RANGENWJ002561–002570

3535. N8517 420-N-85-17 Water Flows Data, 1984, RANGENWJ002571–002575

3536. Closed Formula Feed Comparison in Rainbow Trout N8517 420-N-85-17, RANGENWJ002576–002583

3537. Letter re written approval for N8517 420-N-85-17, N8514, N8515, N8516, N8523, Ruth Williams, International Aquaculture Research Center, Thomas Zeigler, Zeigler Bros., Inc., March 18, 1985, RANGENWJ002584

3538. Closed Formula Feed Comparison in Rainbow Trout N8517 420-N-85-17, handwritten, RANGENWJ002585–002596

3539. Report Tables N8517 420-N-85-17, International Aquaculture Research Center, RANGENWJ002597–002598

3540. Tables N8517 420-N-85-17, RANGENWJ002599–002600

3541. Experiment on Rangen Hatchery Experimental Design, Commercial Fry Diet Comparison N8517 420-N-85-17, International Aquaculture Research Center, 1984, RANGENWJ002601–002602

3542. Experiment N8517 420-N-85-17 Data, Rangen Research Hatchery, International Aquaculture Research Center, 1984, RANGENWJ002603–002615

3543. Experiment N8517 420-N-85-17 Data, Rangen Research Hatchery, November 20, 1984, RANGENWJ002616–002624

3544. Experiment N8517 420-N-85-17, Fish Feed, Agri-Test, Inc., Rangen Fish Hatchery, International Aquaculture Research Center, November 20, 1984, RANGENWJ002625–002627

3545. Experiment N8517 420-N-85-17 Mortality Data, 1984, RANGENWJ002628

3546. Experiment N8517 420-N-85-17 Data, Rangen Research Hatchery, November 1984, RANGENWJ002629–002632

3547. Experiment N8517 420-N-85-17 Sample Counts Data, 1984, RANGENWJ002633

3548. Experiment N8517 420-N-85-17 Data, 1984, RANGENWJ002634–002639

3549. Experiment N8517 420-N-85-17 Data, 1984, RANGENWJ002640

3550. Experiment Design on Rangen Hatchery Experimental N8517 420-N-85-17, International Aquaculture Research Center, November 1984, RANGENWJ002641–002643

3551. Letter re Salmon Fry Feed for Experiment N8517 420-N-85-17, Ruth Williams, International Aquaculture Research Center, Zeigler Bros., Inc., October 3, 1984, RANGENWJ002644–002645

3552. Zeigler Bros, Inc. Invoice for Salmon Fry Feed, Experiment N8517 420-N-85-17 Data, October 4, 1984, RANGENWJ002646

3553. Protein, Fat, Fiber, Ash and Moisture for Fish Feeds, Experiment N8517 420-N-85-17 Data, November 1984, RANGENWJ002647

3554. Experiment N8517 420-N-85-17 Folder Contents, RANGENWJ002648–RANGENWJ002657

3555. Final Report, XP Yeast Product in Trout Feed, N8908 Diamond V Mills, Rangen Aquaculture Research Center, March 19, 1990, RANGENWJ002710–002718

3556. Douglas Ramsey Curriculum Vitae Resumé, RANGENWJ002781–002783

3557. Unsigned Memorandum of Understanding Between Rangen and Profishent, Doug Ramsey, Rangen, Inc., David Powell, ProFishent, Inc., RANGENWJ002785

3558. Letter re: Phase 2 Doc SBIR Research, Doug Ramsey, Rangen, Inc., David Powell, Roger Palm, ProFishent, Inc., February 23, 2004, RANGENWJ002786

3559. June 2009, Performance Evaluation of Poultry (Rangen and Silver Cup) and "No TAP" (Rangen) Diets, Doug Ramsey, June 2009, RANGENWJ003247–003252

3560. Rangen Aquaculture Research Center in House Research Agreement, Growth Comparisons in Rangen Diets, Rangen, Inc., June 27, 2008, RANGENWJ003253–003256

3561. Rangen Aquaculture Research Center in House Research Proposal, N0803-Growth comparisons in Rangen Trout Diets, Rangen, Inc., January 20, 2010, RANGENWJ003257

3562. Rangen Aquaculture Research Center in House Research Agreement, N0803 Growth Comparisons in Rangen Trout Diets, July 8, 2008, RANGENWJ003266–003269

3563. Standard Procedures for Daily Maintenance of Rainbow Feeding Trials, Greenhouse Tanks of RARC, RANGENWJ003272

3564. Raceway Experiment Reviews as of July 2002, March 2001, RANGENWJ003301–003304

3565. Draft Final Report, Project N0203, Performance Comparison: Standard Starter Diet with Anchovy Fish Meal vs. a Starter Diet with Low Temperature Danish Fish Meal, L. G. Fowler, November 2001, RANGENWJ003445–003453

3566. Protocol for Diet Text N0203, Examination of Low Temperature Danish Fish Meal in the Starter Diet, September 2001, RANGENWJ003468–003469

3567. Final Report N0002- Comparison of Two Different Poultry Byproduct Meals as Partial Replacement for Fish Meal in the EXTR 450 Diet, L. G. Fowler, June 2000, RANGENWJ003556–003565

3568. First Draft of Final Report N0002- Comparison of Two Different Poultry By-product Meals as Partial Replacement for Fish Meal in the EXTR 450 Diet, June 2000, RANGENWJ003569–003577

3569. Draft Final Report re N0102 Performance Comparison Rangen's EXTR 450 Diet, L. G. Fowler, March 2001, RANGENWJ003707–003712

3570. Final Report re N0102 Performance Comparison Rangen's EXTR 450 Diet, L. G. Fowler, March 2001, RANGENWJ003716–003723

3571. Protocol for Diet Test 420 N0102 Raceway Tests of EXTR 450 Diets with Two Levels of Lipid, 2001, RANGENWJ003727

3572. Timeline for N0102 RW Trial of Standard 450 vs. FDPBM, 2001, RANGENWJ003739

3573. Protocol for Diet Test N0302 Greenhouse Tests of EXTR 450 with Substitution of Soybean Isolate, RANGENWJ003901–003902

3574. Final Report N0302A Rangen Starter Feeds, Rangen Aquaculture Research Center, February 3, 2004, RANGEN008207–008211

3575. Final Report N0401 Romet Palatability in Extruded Feeds, Rangen Aquaculture Research Center, August 2003, RANGEN008212–008215

3576. Performance of All Male Tilapia Fed 28%, 32%, 35% and 40% Protein Diets, Extruded Diets, Phytase Addition, and Organic and Non-mammalian Formulations, L. G. Fowler, Doug Ramsey, C. E. Smith, January 2004, RANGEN008216–008217

3577. Final Report N0401 Performance of All Male Tilapia Fed Production 32 Extruded Diets Containing Bean Culls, Ground Peas and Organic Formulations With and Without Phytase Addition, L. G. Fowler, Doug Ramsey, C. E. Smith, Rangen Aquaculture Research Center, November 2004, RANGEN008218–008228

3578. Final Report N0302A Rangen Starter Feeds, Rangen Aquaculture Research Center, February 3, 2004, RANGEN008229–008233

3579. Report N0602 Tilapia Feeding Trial, David Brock, Doug Ramsey, Rangen Aquaculture Research Center, February 2008, RANGEN008247–008254

3580. Report N0802 Growth Comparisons in Tilapia Diets, David Brock, Doug Ramsey, Rangen Aquaculture Research Center, July 2009, RANGEN008255–008263

3581. Final Report N0902 Prebiotic Supplements in Tilapia Feed, Joy Kinyon, David Brock, Doug Ramsey, Rangen Aquaculture Research Center, June 17, 2010, RANGEN008264–008272

3582. Report N1002 Rangen and BioOregon Fry Feed Comparison, Doug Ramsey, Lonny Tate, Rangen Aquaculture Research Center, February 14, 2011, RANGEN008283–008287

3583. Rangen Aquaculture Division–Project N0201 Final Report, April 3, 2002, RANGENWJ003339–003347

3584. Rangen Aquaculture Division, Project N0201 Final Report, April 3, 2002, RANGENWJ003348–003359

3585. Draft Final Report, N0202 Tests with the EXTR 450 Diet Containing White Corn Gluten Meal, L. G. Fowler, May 2002, RANGENWJ003426–003432

3586. Draft Final Report N0204 Performance of all Male Tilapia (Oroechroma nilotica) fed Rangen's Current and Newly Formulated Warm Water Feeds, and Feeds with Varying Amounts of Ascorbic Acid, L. G. Fowler, C. E. Smith, October 2002, RANGENWJ003480–003489

3587. Performance of Tilapia Fed Rangen's and Competitors Warmwater feeds; Rangen In House Study N0006, October 2000, RANGENWJ003583–003588

3588. Final Report re N0008 GH Determination of Time Required to Deplete Color from Pigmented Fish, L. G. Fowler, August 2000, RANGENWJ003644–003649

3589. Draft Final Report re Determination of Time Required to Deplete Color from Pigmented Fish N0008 GH, L. G. Fowler, August 2000, RANGENWJ003651–003655

3590. Final Report re Improvements of EXTR 400 and 450 Diets N0009 GH, L. G. Fowler, November 17, 2000, RANGENWJ003658–003664

3591. Draft Final Report re Improvements of EXTR 400 and 450 Diets N0009 GH, L. G. Fowler, November 2000, RANGENWJ003665–003670

3592. Final Report for N0103 Performance of All Male Tilapia, 2001, RANGENWJ003745–003754

3593. Diet Test Comparison of Fecal Deposit Rates N0105 GH, 2001, RANGENWJ003788–003790

3594. Draft Final Report re Performance of All Male Tilapia N0106 WW, Charlie Smith, October 4, RANGENWJ003795–003806

3595. Final Report re Performance of All Male Tilapia N0106 WW, Charlie Smith, October 4, 2001, RANGENWJ003807–003820

3596. Final Report re Project N0107 Performance Comparison Standard Starter Diet vs. Fast Start Starter Diet, L. G. Fowler, July 2001, RANGENWJ003856–003862

3597. Draft Report re Project N0107 Performance Comparison Standard Starter Diet vs. Fast Start Starter Diet, L. G. Fowler, July 2001, RANGENWJ003863–003868

3598. Canthazanthin (Lucantin Red) in Atlantic salmon feed: Target Animal Safety Study (TAS), Color Additive Petition No. 3C0240, Historical Evaluation of Blood and Tissue Samples Final Report, RARC Study No. N9409, Charlie Smith, Rangen, RANGEN015722–015741

3599. Canthazanthin (Lucantin Red) in Atlantic salmon feed: Target Animal Safety Study (TAS), Color Additive Petition No. 3C0240, RARC Study No. N9409, Linda Smith, Douglas Ramsey, July 27, 1995, RANGEN015767–015817

3600. Final Report N0002 Comparison of Two Different Poultry Byproduct Meals as Partial Replacement for Fish Meal in the EXTR 450 Diet, L. G. Fowler, Rangen Aquaculture Division, June 2000, RANGENWJ001084–001093

3601. Performance of Tilapia Fed Rangen's Production 32, Production 35 and EXTR 350 Feeds to All Male and Mixed Sex Populations of Tilapia, Feed Study N0001, Rangen Aquaculture Division, Buhl, Idaho, RANGENWJ001107–001112

3602. Final Report Soybean Products in Trout Feeds, Rangen Aquaculture Research Center, June 1991, RANGENWJ001114–001149

3603. Final Report N9106 SilverCup versus Rangen with Varying Particle Size, Rangen Aquaculture Research Center, July 1991, RANGENWJ001151–001163

3604. Final Report N9105 Feed Comparison Rangen versus SilverCup, Rangen Aquaculture Research Center, 07/00/1991, RANGENWJ001164–001182

3605. Preliminary Report Artemia as a Carrier for Antibiotics, Rangen Aquaculture Research Center, August 21, 1992, RANGENWJ001238–001244

3606. Rangen, INC. NSF/SBIR ISI-923006 Final Report, RANGENWJ001246–001265

3607. Final Report N0201 Performance of All Male Tilapia Fed Rangen's Current and Newly Formulated Warmwater Feeds, Charlie Smith, Rangen Aquaculture Hatchery Research Center, March 2002, RANGENWJ001372–001382

3608. Final Report N0009 Improvements of EXTR 400 and 450 Diets Using Higher Lipids, Reduced Feather Meal and Flash Dried Poultry Byproduct Meal, L. G. Fowler, Rangen Aquaculture Division, November 2000, RANGENWJ001399–001405

3609. Final Report N9202 Rangen and SilverCup Trout Feeds Performance Comparison, Rangen Aquaculture Research Center, June 1992, RANGENWJ001407–001413

3610. Final Report N0601 Divis Laboratories Pigment Trial, David Brock, Doug Ramsey, Rangen Aquaculture Research and Hatchery Service Center, Rangen Aquaculture Feeds Service Center, January 19, 2007, RANGENWJ001415–001460

3611. Provesteen in Rainbow Trout Feeds Final Report Project II N8408, International Aquaculture Research Center, December 5, 1984, RANGENWJ001703–001713

3612. Report 420-H84-04 Standard Laboratory Test Protocol, International Aquaculture Research Center, 1984, RANGENWJ001812–001816

3613. Memo transmitting Final Report re Effects of Vitamin E Supplementation on Dietary Efficiency, Growth and Health of Rainbow Trout Raised Under Conditions of Low Oxygen and Elevated Metabolites N9810, Doug Ramsey, Rangen Aquaculture Research & Hatchery Service Center, Franz-Josef Schoner, January 18, 1999, RANGENWJ001822–001828

3614. Final Report re L-Carnitine Feeding Trial, Stephen Blum, Blake Grant, Rangen Aquaculture Research Center, October 20, 1990, RANGENWJ001933–001945

3615. Draft Final Report N9706 Phytase in Rainbow Trout Diets, Linda Lemmon, Doug Ramsey, Rangen Aquaculture Research & Hatchery Service Center, September 16, 1998, RANGENWJ001967–002025

3616. Final Report Pfaffia rhodozyma in Trout Feed, Rangen Aquaculture Research Center, April 1991, RANGENWJ002026–002051

3617. Final Report, Binder Comparison N9301, Rangen Aquaculture Research Center, August 1992, RANGENWJ002053–002065

3618. Final Report, N9203 Performance Comparison, Rangen Extruded and Pelleted Fry Feeds, Rangen Aquaculture Research Center, June 1992, RANGENWJ002067–002071

3619. Final Report, N9202 Rangen and SilverCup Trout Feeds Performance Comparison, Rangen Aquaculture Research Center, June 1992, RANGENWJ002073–002078

3620. Red Algae Research Review Project No. P9101, Rangen Aquaculture Research Center, March 14, 1992, RANGENWJ002097–002112

3621. Experiment No. 245-182-82 File, Rangen Research Hatchery, 1982, RANGENWJ002163–002211

3622. Experiment No. 285-192-82 File, Rangen Research Hatchery, 1982, RANGENWJ002212–002249

3623. Experiment No. 314-220-82 File, Rangen Research Hatchery, 1982, RANGENWJ002250–002351

3624. Final Report 420-N-84-02 N8402 Closed Formula Feed Comparison in RBT, International Aquaculture Research Center, RANGENWJ002659–002668

3625. Closed Formula Feed Comparison in RBT 420-N-84-01 N8401 (255-83), International Aquaculture Research Center, 1984, RANGENWJ002670–002679

3626. Final Report, Growth, Feed Conversion, and Resistance to IHN Virus of Rainbow Trout Fed Graded Levels of Zinc Methionine N9201, Rangen Aquaculture Research Center, October 1991, RANGENWJ002692–002708

3627. Draft Report Performance of all Male Tilapia (oreochromis niloticus) fed Production 32 Extruded Diets Containing Bean Culls, Ground Peas and Organic Formulation with and without Phytase Addition, November 2004, RANGENWJ003231–003241

3628. Any Expert Reports or supplements to expert reports filed by IGWA.

3629. Clear Springs' grant for pumpback system, including C. Brockway preliminary cost estimate

3630. Committee on Public Works and Transportation House of Representatives, Corps of Engineers' Acquisition of Fish Hatchery Proves Costly September 18, 1981

3631. Any illustrative exhibits required to assist with direct or cross examination

3632. Curren Tunnel data October 1993 to March 1999

3633. No exhibit

3634. List of fish transferred (not sold) from February 1986–September 1991

3635. Historical fish production records

3636. Photographs taken at site visits to the Rangen Facility

3637. All documents identified by IGWA in their response to Rangen's First Discovery Request and any supplements thereto.

3638. Any documents required for rebuttal purposes.

3639. Partial Decrees for the City of Pocatello's water rights

3640. City of Pocatello Water System Master Plan and Development of Water System Model, August 2006 Draft

3641. Partial Decrees for Rangen's Water Right Nos. 36-02551 and 36-07694

3642. Licenses for Rangen's Water Right Nos. 36-02551 and 36-07694

3643. Overview of the U.S. Trout Industry, Agricultural Statistics Board, NASS, USDA, September 2009

3644. A Profile of the Aquaculture of Trout in the United States, Jeffrey Hinshaw, Gary Fornshell, Ron Kinnunen, April 2004

3645. Idaho Trout Production, Sales (ex-farm) & Average Price/Pound 1991–2009 (USDA-NASS)

3646. Seafood Watch, Seafood Report, Monterey Bay Aquarium, Farmed Rainbow Trout, Brendan O'Neill, June 23, 2006

3647. Federal Energy Regulatory Commission ("FERC") Licenses for Idaho Power facilities on the Snake River including associated amendments thereto, stocking plans, monitoring reports, agreements, or any other document which is relevant to the mitigation requirements that Idaho Power satisfies by purchases of fish from Rangen

A. FERC License, American Falls Project No. 2736, March 31, 1975

B. FERC License Amendment, American Falls Project No. 2736-019, March 19, 1997

C. FERC License, Bliss Project No. 1975-014, August 4, 2004

D. FERC License, C.J. Strike Project No. 2055-010, August 4, 2004

E. FERC License, Lower Salmon Falls Project No. 2061-004, August 4, 2004

F. FERC License, Shoshone Falls Project No. 2778-005, August 4, 2004

G. FERC License, Upper Salmon Falls Project No. 2777-007, August 4, 2004

H. FERC License, Upper and Lower Malad Project No. 2726-012, March 25, 2005

I. Idaho Power Mid-Snake Rainbow Trout Stocking Plan, August 2005 as submitted to FERC

J. FERC Order Amending Rainbow Trout Stocking Plan, Project Nos. 1975-071, 2061-054 and 2777-076, December 13, 2007

K. FERC License Amendment, Milner Hydroelectric Project No. 2899-136, March 2, 2011

L. Letter from FERC to Idaho Power accepting Rainbow Trout Stocking Revisions, March 3, 2011

M. Idaho Department of Fish and Game/Idaho Power Company American Falls Fish Compensation Agreement, November 14, 1980

N. FERC License, C.J. Strike Project No. 2055-030, January 31, 2006

O. Fish Stocking Annual Report 2007, C.J. Strike Hydroelectric Project, FERC No. 2055, October 2008

P. Fish Stocking Annual Report 2008, C.J. Strike Hydroelectric Project, FERC No. 2055, October 2009

Q. Fish Stocking Annual Report 2009, C.J. Strike Hydroelectric Project, FERC No. 2055, November 2010