FINAL

IN THE MATER OF APPLICATIONS 53987 through 53992, INCLUSIVE, FILED BY SOUTHERN NEVADA WATER AUTHORITY TO APPROPRIATE THE UNDERGROUND WATERS OF THE CAVE VALLEY, DRY LAKE VALLEY AND DELAMAR VALLEY HYDROGRAPHIC BASINS (180, 181, 182)

EXHIBIT NO.	EXHIBIT DESCRIPTION	OFF.	ADM
10	Stipulation for Withdrawal of Protests, SNWA and Moapa Band of Pauite Indians	Х	Х
11	SNWA Motion in Limine to Exclude Evidence Submitted by the United States Department of Interior Bureaus and Moapa Tribe, and to Exclude Testimony Based on Such Evidence by Remaining Protestants	X	X
12	SNWA Motion in Limine to Exclude Exhibit 1142 and Related Testimony	Х	х
13	7 th Judicial District Court Order Granting in Part and Denying in Part the Petition for Judicial Review (Cave Valley Ranch)	Х	х
14	7 th Judicial District Court Order Granting Motion to Compel (Cave Valley Ranch)	Х	х
15	Motion to Associate Counsel	Х	Х
16	Intermediate Order No. 2 Admission to Practice	Х	Х
17	Letter dated September 24, 2007, to Susan Joseph-Taylor from Steve Palmer with enclosed copies of BIA protests	Х	х
18	Letter dated September 19, 2007, to Tracy Taylor from Greg Walch request for interested person status	Х	Х
19	Stipulation to Withdraw Protests SNWA and Federal Agencies.	X	Х

HEARING BEGINNING FEBRUARY 4, 2008

20	Response to SNWA Motion in Limine to Exclude Evidence Submitted by the U.S. DOI Bureaus and the Moapa Tribe, and to Exclude Testimony Based on Such Evidence by the Remaining Protestants	X	Х
21	Response to SNWA Motion in Limine to Exclude Exhibit 1142 and Related Testimony	X	Х
22	SNWA Request to Supplement Rebuttal Witness List of Southern Nevada Water Authority for Hearing on February 4, 2008, and Related Testimony	X	Х
23	Federal withdrawal of protests	Х	Х
	SOUTHERN NEVADA WATER AUTHORITY		
201	Witness List	Х	X
202	Exhibit List	Х	Х
203	Application 53987	Х	X
204	Application 53988	X	X
205	Application 53989	Х	Х
206	Application 53990	Х	Х
207	Application 53991	Х	Х

208	Application 53992	Х	Х
209	Protest to Application 53987 U.S. Bureau of Land Management; Robert C. Lewis; Dorothy M. Thompson; Las Vegas Fly Fishing Club; County of Inyo, California; Steven W. Klomp; Vernal J. Mortensen and Chester R. Johnson d.b.a. Sunnyside Ranch; Preston Irrigation Company; City of Caliente; Nevada Cattlemen's Association, Eastern Unit; Sheila Hunt; Roger W. Ashby; Barbara L. Bradshaw; Carter-Griffin Inc., d.b.a. Carter Cattle Co., Gardner's Quarter Circle 5 Ranch; Mary S. Hager; Elma Harris; Lund Irrigation and Water Co.; County of White Pine and City of Ely; Moapa Band of Paiute Indians; U.S. Fish and Wildlife Service; County of Nye; Frank Lloyd; Mick Lloyd; U.S. National Park Service; Roy W. Wilcox; Unincorporated Town of Pahrump, and Bureau of Indian Affairs on behalf of Ely Shoshone Tribe	X	X
210	Protest to Application 53988 Citizen Alert; U.S. Bureau of Land Management; Robert C. Lewis; Dorothy Bicknell; Jack R. Cooper; Virginia Kreimeyer; John M. Wadsworth; Lois H. Conklin; County of Inyo, California; Torrie O. Klomp; Toiyabe Chapter of the Sierra Club; Vernal J. Mortensen and Chester R. Johnson d.b.a. Sunnyside Ranch; Preston Irrigation Company; City of Caliente; Nevada Cattlemen's Association, Eastern Unit; Robert L. Birch; Barbara L. Bradshaw; Carter-Griffin Inc., d.b.a. Carter Cattle Co.; Ely Shoshone Tribe; Beverly R. Gaffin; Mary C. Katschke; Debra W. Lani (now Whipple); Lund Irrigation and Water Co.; John Maio; Alex Nickell; Willard A. Phillips; County of White Pine and City of Ely; Moapa Band of Paiute Indians; U.S. National Park Service; Unincorporated Town of Pahrump, and Bureau of Indian Affairs on behalf of Ely Shoshone Tribe	X	X
211	Protest to Application 53989 U.S. Bureau of Land Management; Anthony Wells; Frank C. Hulse; Yvonne Stackhouse; Renee Vincent; Richard Vincent; Steve T. Sendlein; John M. Wadsworth; Candy Haley; City of Caliente; Wilford L. Cantrell; Lillian E. Edwards; James I. Lee; County of White Pine and City of Ely; Moapa Band of Paiute Indians; U.S. Fish and Wildlife Service; County of Nye; Frank Delmue; William G. Schoenberg; Mary Smith; U.S. National Park Service; James R. Prince; and Unincorporated Town of Pahrump	Х	Х

212	Protest to Application 53990 Citizen Alert; U.S. Bureau of Land Management; Reion Lee; Grace Wallis; Alex P. Coroneos and Steve T. Sendlein; Jack E. Cupples; Kathryn J. Miller; John M. Wadsworth; Richard J. Walters; Ruby Walters; County of Inyo, California; City of Caliente; Ely Shoshone Tribe; James I. Lee; Lund Irrigation and Water Co.; County of White Pine and City of Ely; Moapa Band of Paiute Indians; U.S. Fish and Wildlife Service; County of Nye; Frank Delmue; Karl and Gerry Hanning; Genevieve D. Logan; U.S. National Park Service; and Unincorporated Town of Pahrump	Х	Х
213	Protest to Application 53991 Wess D. Mecham; George T. Rowe; Rosemary Maxwell; U.S. Bureau of Land Management; Helen Barton; Marian Lawrence; Stanley L. Wallis; County of Inyo, California; Pahranagat Valley Joint Services Board; Glenn Van Roekel; Town of Alamo Water and Sewer Board; City of Caliente; Joseph C. Fox;, Jr.; Wesley A. Holt; County of White Pine and City of Ely; Moapa Band of Paiute Indians; U.S. Fish and Wildlife Service; County of Nye; U.S. National Park Service; Unincorporated Town of Pahrump; and Frank R. Wheeler	Х	Х
214	Protest to Application 53992 U.S. Bureau of Land Management; Mariba Singleton; Charlotte M. Wallis; John M. Wadsworth; County of Inyo, California; Rose DeVuono; City of Caliente; Cortney Dahl d.b.a. Delamar Valley Cattle; Ely Shoshone Tribe; Wesley A. Holt; Lund Irrigation and Water Co.; County of White Pine and City of Ely; Moapa Band of Paiute Indians; U.S. Fish and Wildlife Service; County of Nye; U.S. National Park Service; and Unincorporated Town of Pahrump	Х	Х
215	Letter dated March 22, 1990, to Christine Thiel from Ross D. de Lipkau	Х	Х
216	Intermediate Order No. 1 and Hearing Notice dated October 4, 2007	Х	Х
217	Stipulation to Admit Documents from Spring Valley Hearing dated September 28, 2007	Х	Х
218	Summary of Protests to DDC Applications	Х	Х
219	Hearing Request Letter dated June 29, 2007	Х	Х
220	Notice of Pre-Hearing Conference dated July 13, 2007	Х	X

221	Letter dated August 27, 2007 to Tracy Taylor from John Entsminger	X	X
222	Hearing Transcript from the Pre-Hearing Conference on August 28, 2007	X	X
223	Letter dated September 19, 2007 to Tracy Taylor from George Benesch	X	X
224	Letter dated September 21, 2007 to Susan Joseph-Taylor from Steve Palmer	X	X
225	Summary of Protest Issues submitted by Advocates for Community and Environment dated September 21, 2007	Х	X
226	Withdrawal of Protest by Lincoln County dated July 15, 2003	X	Х
227	Resume of Kayrene Brothers	X	Х
228	Resume of Kenneth Albright		
229	Resume of John Entsminger	Х	Х
230	Resume of Andrew Burns	X	Х
231	Resume of Gary Dixon	X	X
232	Resume of James Watrus	X	X
233	Resume of Jim Thomas	X	X
234	Curriculum Vitae of Zane Marshall	Х	Х
235	Resume of Michael Turnipseed	Х	X
236	Water-Resources Assessment and Hydrogeologic Report for Cave, Dry Lake, and Delamar Valleys	X	X
237	Geology of White Pine and Lincoln Counties and Adjacent Areas, Nevada and Utah: The Geologic Framework of Regional Groundwater Flow Systems	Х	X

238	Stable Isotope Evaluation of Water Budgets for the White River and Meadow Valley Wash Regional Groundwater Flow Systems in East-Central and Southeastern Nevada	X	Х
239	Biological Resources for Cave, Dry Lake, and Delamar Valleys	Х	X
240	Special Hydrologic Report	Х	X
241	Land Use Assessment for Cave, Dry Lake, and Delamar Valleys	Х	X
242	Geologic Data Analysis Report for Monitor Well 182W906M in Delamar Valley by Harvey S. Eastman (2007a)	X	X
243	Geologic Data Analysis Report for Monitor Well 182M-1 in Delamar Valley by Harvey S. Eastman (2007b)		
244	Geologic Data Analysis Report for Monitor Well 180W902M in Cave Valley by Harvey S. Eastman (2007c)		
245	Geologic Data Analysis Report for Monitor Well 180W501M in Cave Valley by Harvey S. Eastman (2007d)		
246	Geologic Data Analysis Report for Monitor Well 181M01 in Dry Lake Valley by Harvey S. Eastman (2007e)		
247	Geologic Data Analysis Report for Monitor Well 209M-1 in Pahranagat Valley by Harvey S. Eastman (2007f)		
248	Geologic Data Analysis Report for Monitor Well 181W909M in Dry Lake Valley by Harvey S. Eastman (2007g)	X	X
249	Anderson, T.W., Freethey, G.W., and Tucci, P., 1992 Geohydrology and water resources of alluvial basins in south- central Arizona and parts of adjacent states: U.S. Geological Survey Professional Paper 1406-B, p. B1-B67.	X	X
250	Avon, L., and Durbin, T.J., 1994, Evaluation of the Maxey-Eakin method for estimating recharge to ground-water basins in Nevada: American Water Resources Association, Water Resources Bulletin, Vol. 30, No. 1, p. 99–111.	X	X
251	Bechtel SAIC Company, LLC, 2004, Technical Basis Document No. 1—Climate and Infiltration, Rev. 1: U.S. Department of Energy, Office of Civilian Radioactive Waste Management, DE- AC28-01RW12101, 206 p.	Х	X

252	Beck, D.A., and Wilson, J.W., 2006, Synoptic discharge, water- property, and pH measurements for Muddy River Springs Area and Muddy River, Nevada, February 7, 2001: U.S. Geological Survey Scientific Investigations Report 2006-5237, 12 p.	X	X
253	Berger, D.L., 2000, Water budgets for Pine Valley, Carico Lake Valley, and Upper Reese River Valley hydrographic areas, middle Humboldt River Basin, north-central Nevada—Methods for estimation and results: U.S. Geological Survey Water Resources Investigations Report 99-4272, 40 p.	Х	X
254	Bunch, R.L., Harrill, J.R., 1984, Completion of selected hydrologic data from the MX missile-siting investigation, east- central Nevada and western Utah: U.S. Geological Survey Open- File Report 84-702, 123 p.	Х	X
255	Buqo, T.S., 2004, Allometric responses in coupled groundwater– surface water–reservoir systems: Journal of the Nevada Water Resources Association, Vol. 1, No. 1, p. 40–57.		
256	Carpenter, E., 1915, Ground water in southeastern Nevada: U.S. Geological Survey Water-Supply Paper 365, 86 p.	X	X
257	Contor, B.A., 2004, Recharge on non-irrigated lands: University of Idaho, Idaho Water Resource Research Institute, Technical Report 04-006, 19 p.	Х	X
258	D'Agnese, F.A., Faunt, C.C., Turner, A.K., and Hill, M.C., 1997, Hydrogeologic evaluation and numerical simulation of the Death Valley Regional Ground-Water Flow System, Nevada, and California: U.S. Geological Survey Water-Resources Investigations Report 96-4300, 124 p.	Х	X
259	Daly, C., Neilson, R.P., and Phillips, D.L., 1994, A statistical- topographic model for mapping climatological precipitation over mountainous terrain: Journal of Applied Meteorology, Vol. 33, No. 2, p. 140–158.	X	X
260	Daly, C., Taylor, G.H., and Gibson, W.P., 1997, The PRISM approach to mapping precipitation and temperature: American Meteorological Society, Proceedings of the 10th AMS Conference on Applied Climatology, Reno, Nevada, October 20–23, p. 10–12.	X	X

261	Daly, C., Taylor, G.H., Gibson, W.P., and Parzybok, T., 1998, Development of high-quality spatial climate datasets for the United States: Proceedings of the First International Conference on Geospatial Information in Agriculture and Forestry, Lake Buena Vista, Florida, June 1–3, 1998, p. I-512–I-519.	X	X
262	Davisson, M.L., and Rose, T.P., 2000, Maxey-Eakin methods for estimating groundwater recharge in the Fenner Watershed, southeastern California: U.S. Department of Energy, Lawrence Livermore National Laboratory, UCRL-ID-139027, 13 p.	X	X
263	Dettinger, M.D., Harrill, J.R., Schmidt, D.L., and Hess, J.W., 1995, Distribution of carbonate-rock aquifers and the potential for their development, southern Nevada and adjacent parts of California, Arizona, and Utah: U.S. Geological Survey Water- Resources Investigations Report 91-4146, 100 p.	Х	X
264	Dixon, G.L., and Katzer, T.C., 2002, Geology and hydrology of the lower Virgin River Valley in Nevada, Arizona, and Utah: Virgin Valley Water District, Mesquite, Nevada, Report No. VVWD-01, 126 p.		
265	Donovan, D.J., and Katzer, T., 2000, Hydrologic implications of greater ground-water recharge to Las Vegas Valley, Nevada: Journal of the American Water Resources Association, Vol. 36, No. 5, p. 1133–1148.	X	X
266	Eakin, T.E., 1961, Ground-water appraisal of Long Valley, White Pine and Elko counties, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Series Report 3, 35 p.	X	X
267	Eakin, T.E., 1962, Ground-water appraisal of Cave Valley in Lincoln and White Pine counties, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Series Report 13, 19 p.	Х	X
268	Eakin, T.E., 1963, Ground-water appraisal of Dry Lake and Delamar valleys, Lincoln County, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Series Report 16, 25 p.	Х	X

269	Eakin, T.E., 1963, Ground-water appraisal of Pahranagat and Pahroc valleys, Lincoln and Nye counties, Nevada: Nevada Department of Conservation and Natural Resources, Ground- Water Resources Reconnaissance Series Report 21, 36 p.	Х	X
270	Eakin, T.E., 1964, Ground-water appraisal of Coyote Spring and Kane Spring valleys and Muddy River Springs Area, Lincoln and Clark counties, Nevada: Nevada Department of Conservation and Natural Resources, Ground-Water Resources Reconnaissance Series Report 25, 39 p.	Х	X
271	Eakin, T.E., 1966, A regional interbasin groundwater system in the White River area, southeastern Nevada: Water Resources Research, Vol. 2, No. 2, p. 251–271.	Х	X
272	Ertec Western, Inc., 1981, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume I, Report E-TR-52-I: U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 77 p.		
273	Ertec Western, Inc., 1981, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume II, Report E-TR-52-II: U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 286 p.	Х	X
274	Faybishenko, B., 2007, Climatic forecasting of net infiltration at Yucca Mountain using analogue meteorological data: Vadose Zone Journal, Vol. 6, p. 77–92.	Х	X
275	Flint, A.L., and Flint, L.E., 2007, Application of the basin characterization model to estimate in-place recharge and runoff potential in the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and adjacent areas in Nevada and Utah: U.S. Geological Survey Scientific Investigations Report 2007-5099, 20 p.	Х	X
276	Flint, A.L., Flint, L.E., Hevesi, J.A., and Blainey, J.M., 2004, Fundamental concepts of recharge in the Desert Southwest—A regional modeling perspective, p. 159–184, in Hogan, J.F., Phillips, F.M., and Scanlon, B.R., eds., Ground-water recharge in a desert environment—The southwestern United States: American Geophysical Union, Water Science and Applications Series, Vol. 9, 294 p.	X	X

277	Hardman, G., 1962, Precipitation map of Nevada, in Lamke, R.D., and Moore, D.O., 1965, Interim inventory of surface water resources of Nevada: Nevada Department of Conservation and Natural Resources, Water Resources Bulletin No. 30, p. 6.	X	X
278	Hardman, G., and Mason, H.G., 1949, Irrigated lands of Nevada: University of Nevada-Reno, Agricultural Experiment Station, Bulletin No. 183, 57 p.	X	X
279	Harrill, J.R., Gates, J.S., and Thomas, J.M., 1988, Major ground- water flow systems in the Great Basin region of Nevada, Utah, and adjacent states: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-C, 4 p., scale 1:1,000,000, two sheets.	Х	Х
280	Hess, J.W., and Mifflin, M.D., 1978, A feasibility study of water production from deep carbonate aquifers in Nevada: Water Resources Center, Desert Research Institute Publication No. 41054, 125 p.	Х	Х
281	Hevesi, J.A., Flint, A.L., and Flint, L.E., 2002, Preliminary estimates of spatially distributed net infiltration and recharge for the Death Valley region, Nevada-California: U.S. Geological Survey Water–Resources Investigations Report 02-4010, 36 p.	Х	X
282	IT Corporation, 1996, Underground test area subproject, Phase I Data Analysis Task—Volume IV, hydrologic parameter data documentation package: IT Corporation, Las Vegas, Nevada, Report ITLV/10972-181, 78 p.	Х	X
283	Katzer T., and Donovan, D.J., 2003, Surface-water resources and basin water budget for Spring Valley, White Pine and Lincoln counties, Nevada: Las Vegas Valley Water District, Las Vegas, Nevada, 70 p.		
284	Kirk, S.T., and Campana, M.E., 1990, A deuterium-calibrated groundwater flow model of a regional carbonate-alluvial system: Journal of Hydrology, Vol. 119, p. 357–388.	X	Х
285	Kumar, C.P., and Seethapathi, P.V., 2002, Assessment of natural ground water recharge in upper Ganga canal command area: Association of Hydrologists of India, Journal of Applied Hydrology, Vol. XV, No. 4, p. 13–20.	X	X

286	Luzier, J.E. 2003 Dry Lake and Delamar Valleys, Nevada Groundwater Hydrology and Development Potential: Luzier Hydrosciences	Х	Х
287	Lichty, R.W., and McKinley, P.W., 1995, Estimates of ground- water recharge rates for two small basins in central Nevada: U.S. Geological Survey Water-Resources Investigations Report 94- 4104, 31 p.	X	X
288	Maurer, D.K., and Berger, D.L., 1997, Subsurface flow and water yield from watersheds tributary to Eagle Valley hydrographic area, west-central Nevada: U.S. Geological Survey Water-Resources Investigations Report 97-4191, 56 p.	X	Х
289	McCurdy, G., and Albright, W., 2004, Estimates of potential evapotranspiration at selected sites in eastern Nevada from meteorological station data: Desert Research Institute Publication No. 41198, 113 p.	Х	Х
290	Mifflin & Associates, Inc., 2001, Hydrologic and groundwater modeling analyses for the Moapa Paiute Energy Center: Mifflin & Associates, Inc., Las Vegas, Nevada, 219 p.	Х	Х
291	Moreo, M.T., Laczniak, R.J., and Stannard, D.I., 2007, Evapotranspiration rate measurements of vegetation typical of ground-water discharge areas in the Basin and Range Carbonate- Rock Aquifer System, White Pine County, Nevada, and adjacent areas in Nevada and Utah, September 2005–August 2006: U.S. Geological Survey Scientific Investigations Report 2007-5078, 37 p.	Х	X
292	Nichols, W.D, 2000, Determining ground-water evapotranspiration from phreatophyte shrubs and grasses as a function of plant cover or depth to ground water, Great Basin, Nevada and eastern California p. A1–A14, in Nichols, W.D., Regional ground-water evaporation and ground-water budgets, Great Basin, Nevada: U.S. Geological Survey Professional Paper 1628, 108 p.	Х	X
293	Prudic, D.E., Harrill, J.R., and Burbey, T.J., 1995, Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah, and adjacent states— Regional aquifer-system analysis—Great Basin, Nevada-Utah: U.S. Geological Survey Professional Paper 1409-D, 102 p.	Х	Х

294	Reiner, S.R., Laczniak, R.J., DeMeo, G.A., Smith, J.L., Elliott, P.E., Nylund, W.E., and Fridrich, C.J., 2002, Ground-water discharge determined from measurements of evapotranspiration, other available hydrologic components, and shallow water-level changes, Oasis Valley, Nye County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 01-4239, 65 p.	Х	Х
295	Rush, F.E., 1968, Water-resources appraisal of the Lower Moapa- Lake Mead area, Clark County, Nevada: Nevada Department of Conservation and Natural Resources, Water Resources Reconnaissance Series Report 50, 67 p.	X	X
296	San Juan, C.A., Belcher, W.R., Laczniak, R.J., and Putnam, H.M., 2004, Hydrologic components for model development, in Belcher, W.R., ed., Death Valley Regional Ground-Water Flow System, Nevada and California—Hydrogeologic framework and transient ground-water flow model: U.S. Geological Survey Scientific Investigations Report 2004-5205, p. 99–136.	Х	Х
297	Scott, B.R., Smales, T.J., Rush, F.E., and Van Denburgh, A.S., 1971, Water for Nevada—Report 3– Nevada's Water Resources: Nevada Department of Conservation and Natural Resources, 87 p.	X	Х
298	Smith, J.L., Laczniak, R.J., Moreo, M.T., and Welborn, T.L., 2007, Mapping evapotranspiration units in the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and adjacent areas in Nevada and Utah: U.S. Geological Survey Scientific Investigations Report 2007-5087, 21 p.	х	Х
299	SRK Consulting Inc., 2001, Installation report, Harvey Well replacement, Well RW-1: Nevada Power Company, Las Vegas, Nevada, 84 p.	Х	Х
300	Thomas, J.M., Mason, J.L., and Crabtree, J.D., 1986, Ground- water levels in the Great Basin region of Nevada, Utah, and adjacent states: U.S. Geological Survey Hydrologic Atlas HA-694- B, scale 1:1,000,000, two sheets.	Х	X
301	Thomas, J.M., S.C. Calhoun and W.B. Apambire, 2001. A deuterium Mass-Balance Interpretation of groundwater sources and flows in southeastern Nevada. Desert Research Institute Publication #41169: 46 p.	X	Х

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302	Thomas, J.M., Welch, A.H., and Dettinger, M.D., 1996, Geochemistry and isotope hydrology of representative aquifers in the Great Basin region of Nevada, Utah, and adjacent states: U.S. Geological Survey Professional Paper 1409-C, 99 p.	Х	X
303	Welch, A.H., and Bright, D.J., eds., 2007, Water resources of the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and adjacent areas in Nevada and Utah—Draft Report: U.S. Geological Survey Open-File Report 2007-1156, 103 p.	Х	X
304	Wells, J.V.B., 1954, Compilation of records of surface waters of the United States through September 1950—Part 9, Colorado River Basin: U.S. Geological Survey Water-Supply Paper 1313, 749 p.	X	X
305	Wilson, J.L., and Guan, H., 2004, Mountain-block hydrology and mountain-front recharge, p. 113–137, in Hogan, J.F., Phillips, F.M., and Scanlon, B.R., eds., Groundwater recharge in a desert environment—The southwestern United States: American Geophysical Union, Water Science and Applications Series, Vol. 9, 294 p.	X	X
306	Mankinen, E.A., Roberts, C.W., McKee, E.H., Chuchel, B.A., and Morin, R.L., 2007, Geophysical data from Spring Valley to Delamar Valley, east-central Nevada: U.S. Geological Survey Open File Report 2007-1190 [http://pubs.usgs.gov/of/2007/1190/].	Х	X
307	Scheirer, D.S., 2005, Gravity studies of Cave, Dry Lake, and Delamar Valleys, east-central Nevada: U.S. Geological Survey Open-File Report 2005-1339, 27 p.	Х	X
308	Belcher, W.R., Elliot, P.E., and Geldon, A.L., 2001, Hydraulic- Property Estimates for Use With a Transient Ground-water Flow Model of the Death Valley Regional Ground-water Flow System, Nevada and California: U.S. Geological Survey Water Resources Investigation Report 01-4120: Carson City, Nevada, 33 p.	Х	X
309	Ertec Western, Inc., 1981a, MX Siting Investigation, Water Resources Program, Technical Summary Report Volume I, Report E-TR-52-I, prepared for the U.S. Department of the Air Force, Ballistic Missile Office, Norton Air Force Base, California, 77 p.	Х	X

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Nevada Division of Water Resources, 2007b, Hydrographic Basin Summaries by Manner of Use from the Water Rights Database accessed at website http://water.nv.gov/waterRights/permitdb/permitdb_disclamier.cfm on November 6, 2007.	X	Х
Nevada Division of Water Resources, 2007c, Overview of Nevada Water Law, Environmental Protection accessed at website http://water.nv.gov/WaterRights/WaterLaw/environmental.cfm on November 6, 2007.	X	X
Schaefer, D.H., and J.R. Harrill, 1995, Simulated Effects of Proposed Ground-Water Pumping in 17 Basins of East-Central and Southern Nevada. U.S. Geological Survey, Water-Resources Investigations Report 95-4173. Denver, Colorado: U.S. Geological Survey.	X	X
BIO-WEST, Inc., 2007, Ecological Evaluation of Selected Aquatic Ecosystems in the Biological Resources Study Area for the Southern Nevada Water Authority's Proposed Clark, Lincoln, and White Pine Counties Groundwater Development Project, Final Report: Volume I, PR 987-1.	X	X
Meinzer, O.E., 1927, Plants as Indicators of Groundwater, USGS Water Supply Paper 577.	Х	X
Nevada Natural Heritage Program 2001, Rare Plant Fact Sheets, Nevada Natural Heritage Program, Department of Conservation and Natural Resources, Carson City, NV, http://heritage.nv.gov/atlas/atlasndx.htm		
Letter from USFWS to SNWA regarding species list for the Clark, Lincoln and White Pine Counties Groundwater Development Project, Nevada, dated November 20, 2006.	X	X
Nevada Natural Heritage Program, 2004, Lincoln County Rare Species List, Nevada Natural Heritage Program, Department of Conservation and Natural Resources, Carson City, NV, http://heritage.nv.gov/lists/colincol.htm	X	Х
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321	Wildland International, 2007, Groundwater Development Project: Terrestrial Biological Findings Report for Sensitive Plants and Wildlife in the Great Basin and 13.6-Mile Segment in the Mojave Desert, prepared for the Southern Nevada Water Authority.	X	X
322	Spring Valley Exhibit No. 63 - Stipulation for Withdrawal of Protests dated September 8, 2007	X	X
323	INTENTIONALLY OMITTED		
324	Spring Valley Exhibit No. 511 - Southern Nevada Water Authority 2006 Water Resource Plan		
325	INTENTIONALLY OMITTED		
326	INTENTIONALLY OMITTED		
327	INTENTIONALLY OMITTED		
328	INTENTIONALLY OMITTED		
329	Spring Valley Exhibit No. 633 - Water Resources Data Nevada Water Year 1984		
330	Spring Valley Exhibit No. 634 - Water Resources Data Nevada Water Year 1985		
331	Spring Valley Exhibit No. 642 - Carbonate Terrain Study Memo dated August 3, 1984		
332	Spring Valley Exhibit No. 648 - Nevada State Engineer Ruling 4151		
333	Spring Valley Exhibit No. 657 - Nevada State Engineer Ruling 3280		
334	INTENTIONALLY OMITTED		

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336	Public Law 108-424 dated November 30, 2004, cited as Lincoln County Conservation, Recreation, and Development Act of 2004	Х	Х
337	State Engineer Order No. 1169, dated March 8, 2002		
338	State Engineer Ruling 4515, dated March 19, 1997		
339	State Engineer Ruling 4525, dated May 9, 1997		
340	State Engineer Ruling 4542, dated June 19, 1997		
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346	State Engineer Ruling 5008, dated March 20, 2001		
347	State Engineer Ruling 5115, dated April 18, 2002		
348	State Engineer Ruling 5132, dated June 12, 2002		
349	State Engineer Ruling 5181, dated November 26, 2002	Х	X
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359	State Engineer Ruling 5559, dated February 9, 2006		
360	State Engineer Ruling 5560, dated February 9, 2006		
361	State Engineer Ruling 5621, dated June 15, 2006		
362	State Engineer Ruling 5712, dated February 2, 2007	X	X
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366	SNWA, 2007, Clark, Lincoln and White Pine Counties Groundwater Development Project, Draft Conceptual Plan of Development	X	X
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368	Water-Level Dataset	X	X
369	Excel Solver Software	X	X
370	Maxey, G.B., and Eakin, T.E., 1949, Groundwater in the White River Valley, White Pine, Nye, and Lincoln counties, Nevada: State of Nevada, Office of the State Engineer, Water Resources Bulletin No. 8, 59 p.	X	X
371	SNWA Rebuttal Exhibit List	X	X
372	SNWA Rebuttal Witness List	Х	X
373	Resume of Frank D'Agnese	X	X
374	Resume of Richard Holmes	X	X
375	Water-Resources Assessment and Hydrogeologic Rebuttal Report for Cave, Dry Lake and Delamar Valleys	Х	X
376	Rebuttal Hydrologic Report	Х	X

377	Rebuttal Report: Stable Isotope Evaluation of Water Budgets for the White River and Meadow Valley Wash Regional Groundwater Flow Systems in East-Central and Southeastern Nevada	Х	X
378	Groundwater Resources and Modeling Rebuttal Report of Frank D'Agenese, Ph.D for Cave, Dry Lake and Delamar Valleys	X	X
379	Biological Resources Rebuttal Report for Cave, Dry Lake and Delamar Valleys	Х	Х
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386	Mason, J.L., 1998, Ground-water Hydrology and Simulated Effects of Development in the Milford Area, an Arid Basin in Southwestern Utah	X	X
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391	Thomas, J.M., Carlton, S.M., and Hines, L.B., 1989, Ground-water Flow and Simulated Response to Selected Developmental Alternatives in Smith Creek Valley, A Hydrologically closed basin in Lander County, Nevada	Х	Х
392	Record of Decision – Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations for Lake Powell and Lake Mead approved December 13, 2007	Х	Х
393	Letter from Robert D. Williams to Noah Matson dated November 8, 2007	X	X
394	Letter from Lori Gray to Patricia Mulroy and George Caan dated December 5, 2005	X	Х
395	Letter from Ronda Hornbeck to John Entsminger dated December 19, 2007	X	Х
396	Lopes, T.J., and Evetts, D.M., 2004, Ground-water Pumpage and Artificial Recharge Estimates for Calendar Year 2000 and Average Annual Recharge and Interbasin Flow by Hydrographic Area, Nevada, U.S. Geological Survey Scientific Investigations Report 2004-2539, 88.	X	X
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399	Distances from SNWA Points of Diversion to Regional Springs in White River and Pahranagat Valleys	Х	Х
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401	Resume of Mike Weintz		
402	Lincoln County Development Code, Title 13, Adopted August 2001, Amended December 2005	Х	X
403	Proposed Land Designation-Land Status Map for Cave Valley Ranch Area		
404	Land Status Map of Cave Valle Ranch		
405	CV Peseau and report	Х	X
	USFWS		
500	List of Witnesses, Summaries of Witness Testimony & List of Exhibits		
501	Expert witness report, Timothy Mayer, Ph.D. Hydrologic Assessment of SNWA Water Right Applications for Delamar, Dry Lake, and Cave Valleys in the White River Flow System.	X	X
502	Curriculum Vitae for Timothy Mayer.		
503	Bredehoeft. 1997. Safe yield and the Water Budget Myth		
504	Burbey. 1997. Hydrogeology and Potential for Ground-water Development, Carbonate-Rock Aquifers, Southern Nevada and Southeastern California. (excerpts)		
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510	Mayer and Congdon. 2007. Evaluating climate variability and pumping effects in statistical analyses.	X	X
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514	Hydrographic Basins of interest- map.	
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516	Expert Witness Report, Steven Caicco. Poetneial effects of groundwater withdrawal on wetland, deepwater, and riparian habitats.`	
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540	Curriculum Vitae for Jeri Krueger		
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542	Brodhead. 2005. The influence of riparian-canopy structure and coverage on the breeding distribution of the southwestern willow flycatcher	Х	X
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551	Paradzick. 2005. Southwestern willow flycatcher habitat selection along the Gila and lower San Pedro Rivers, Arizona: Vegetation and hydrogeomorphic considerations	Х	X
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570	U.S. Fish and Wildlife Service. 2001. Endangered and Threatened Wildlife and Plants; 12-Month Finding for a Petition to list the Yellow- billed Cuckoo (<i>Coccyzus americanus</i>) in the Western Continental United States	X	X
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572	16 USC § 703-712, Protection of Migratory Game and Insectivorous Birds	X	X
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574	50 CFR § 10.13 List of Migratory Birds	X	X
575	Curriculum Vitae for Kevin DesRoberts.		

576	Pahranagat National Wildlife Refuge brochure		
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582	Maxwell. 2007. Electronic correspondence regarding montane vole and northern leopard frog on Pahranagat National Wildlife Refuge	Х	Х
583	Crawford. 2006. Results from mammal surveys at Pahranagat National Wildlife Refuge	X	X
584	Crawford. 2006. Pahranagat National Wildlife Refuge small mammal survey data, August	X	X
585	Jaeger. 2001. Rediscovering <i>Rana onca</i> : evidence for phylogenetically distinct leopard frogs from the border region of Nevada, Utah, and Arizona	Х	X
586	Pahranagat National Wildlife Refuge Trip Report, October 2007	Х	Х
587	Curriculum Vitae for Annalaura Averill-Murray	X	X
588	Hershler. 1998. A systematic review of the hydrobiid snails (Gastropoda: Rissooidea) of the Great Basin, western United States. Part I. Genus <i>Pyrgulopsis</i> . (excerpts)	X	X
589	Hershler. 1999. A systematic review of the Hydrobiid snails (Gastropoda: Rissooidea) of the Great Basin, western United States. Part II. Genera <i>Colligyrus</i> , <i>Eremopyrgus</i> , <i>Fluminicola</i> , <i>Pristinicola</i> , and <i>Tryonia</i> . (excerpts)	Х	Х
590	Hershler et al. 1999. Biogeography in the Death Valley region: evidence from springsnails (Hydrobiidae: <i>Tryonia</i>)	X	X
591	Hershler and Sada. 2002. Biogeography of Great Basin aquatic snails of the genus <i>Pyrgulopsis</i>	X	Х

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593	Mehlhop. 1996. Ecology and conservation needs of Hydrobiid snails	X	X
594	Sada. 2005. Abundance, distribution, and habitat use of the Grand Wash springsnail (<i>Pyrgulopsis bacchus</i>), Grand Canyon-Parashant National Monument, Arizona	Х	X
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596	Sada and Vinyard. 2002. Anthropogenic changes in biogeography of Great Basin aquatic biota	Х	Х
597	Memorandum of Understanding concerning the conservation of springsnails in the Great Basin	X	Х
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601	U.S. Fish and Wildlife Service. 1996. Recovery Plan for the rare aquatic species of the Muddy River System	X	X
602	U.S. Fish and Wildlife Service. 2006. Intra-Service Programmatic Biological Opinion for the proposed Muddy River MOA regarding the groundwater withdrawal of 16,100 afy from the regional carbonate aquifer in Coyote Spring Valley and California Wash, and establish conservation measures for the Moapa dace, Clark County, Nevada	X	X
603	Pahranagat National Wildlife Refuge map	X	X
604	National Wildlife Refuge Administration Act, as amended, 16 U.S.C. section 668dd	X	Х
605	Endangered Species Act, Pub. Law 93-205, 16 U.S.C. section 1531, et. Seq	X	X

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606	Classification and Taking of Wildlife, NRS 503.0001 through NRS 503.104	Х	X
607	Reserved		
608	Protection of Bald and Golden Eagles, Pub. Law 86-70, 16 U.S.C. section 668, et. Seq.		
609	Expert witness testimony, Gary Scoppettone. Ichthyologic assessment of SNWA water right application for Delamar, Dry Lake, and Cave Valley in the White river Flow System	Х	Х
610	Curriculum Vitae for Gary Scoppettone		
611	Booker. 2004. Predicting juvenile salmonid drift-feeding habitat quality using a three-dimensional dyraulic-bioenergetic model	X	X
612	Deacon. 1979. Endangered and threatened fishes of the West. (excerpt from The Endangered Species: A symposium)	Х	X
613	Miller and Hubbs. 1960. The spiny-rayed cyprinid fishes (Plagopterini) of the Colorado River system	Х	X
614	Miller et al. 1989. Extinction of North American fishes during the past century	X	X
615	Minckley. 1973. Fishes of Arizona. (excerpt)	X	X
616	Minckley and Deacon. 1968. Southwest fishes and the enigma of "endangered species."	Х	X
617	Moyle and Nichols. 1973. Ecology of some native and introduced fishes of the Sierra Nevada Foothills in central California	Х	Х
618	Scoppettone. 1988. Growth and longevity of the cui-ui and longevity of other catostomids and cyprinids in western North America	Х	X
619	Scoppettone et al. 1992. Life history, abundance, and distribution of Moapa dace (<i>Moapa coriacea</i>)	X	X
620	Scoppettone et al. 2004. Conservation, status, and life history of the endangered White River spinedace <i>Lepidomeda albivallis</i> (<i>Cyprinidae</i>)	X	X
621	Scoppettone and Rissler. 2002. Status of the Preston White River springfish (<i>Crenichthys baileyi albivallis</i>).	X	X
622	Scoppettone et al. 2004. A fish survey of the White River, Nevada.	Х	X

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623	Smith. 1981. Effects of habitat size on species richness and adult body sies of desert fishes. (excerpt)	Х	Х
624	Tanner. 1950. A new species of <i>Gila</i> from Nevada (Cyprinidae)	Х	Х
625	Tuttle and Withers. 1990. Status and life history of Pahranagat River Fishes.	Х	Х
626	U.S. Fish and Wildlife Service. 1991. Endangered and threatened wildlife and plants: animal candidate review for listing as endangered or threatened species, proposed rule	Х	Х
627	Williams and Wilde. 1981. Taxonomic status and morphology of isolated populations of the White River springfish, <i>Crenichthys baileyi</i> (Cyprinodontidae)	Х	Х
628	U.S. Fish and Wildlife Service. 1998. Recovery plan for the aquatic and riparian species of Pahranagat Valley	Х	X
629	U.S. Fish and Wildlife Service. 1994. White River spinedace recovery plan	X	X
630	La Rivers. 1962. Fishes and fisheries of Nevada. (excerpt)	X	Х
631	Courtenay et al. 1985. Comparative status of fishes along the course of the pluvial White River, Nevada	Х	Х
632	Minckley. 1973. Fishes of Arizona. (excerpt)	X	Х
633	U.S. Fish and Wildlife Service. 1985. Endangered and threatened wildlife and plants: final rule to determine endangered status and critical habitat for the white river springfish and the Hiko white river springfish	Х	Х
634	U.S. Fish and Wildlife Service. 1970. Conservation of Endangered Species and other Fish and Wildlife	Х	Х
635	Scoppettone. 1993. Interactions between native and nonnative fishes of the upper Muddy River, Nevada	Х	Х
636	U.S. Fish and Wildlife Service. 1985. Endangered and threatened wildlife and plants: determination of endangered status and designation of critical habitat for the White River Spinedace		
	637-697 Reserved		
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698	Schaefer and Harrill. 1995. Simulated effects of proposed ground- water pumping in 17 basins of east-central and southern Nevada		
699	Prudic et al. 1995. Conceptual evaluation of regional ground-water flow in the carbonate-rock province of the Great Basin, Nevada, Utah, and adjacent states		
700	Selected pages from Nevada State Engineer Rulings 5712, 5560, 3225, 5465, 5115, 3640 and Order 1169.		
	Reserved 701-800		
801	Nevada BLM sensitive species list	Х	Х
802	State Engineer Reconnaissance Series Report Number 13		
803	State Engineer Reconnaissance Series Report Number 16		
804	State Engineer Reconnaissance Series Report Number 21		
805	BLM Ely Field Office Proposed Resource Management Plan (chapter 3.3)		
806	BLM Ely Field Office Proposed Resource Management Plan (chapter 3.5)		
807	BLM Ely Field Office Proposed Resource Management Plan (chapter 3.6)		
808	BLM Ely Field Office Proposed Resource Management Plan (chapter 3.7)		
809	BLM Ely Field Office Proposed Resource Management Plan (chapter 3.8)	X	X
810	BLM Ely Field Office Proposed Resource Management Plan (chapter 3.16)		
811	USGS BARCASS Report to Congress (OFR 2007-1156)		
812	BLM National Sage Grouse Habitat Conservation Strategy	X	Х
813	Basin Summary By Use-White River Valley		
814	Basin Summary By Application-White River Valley		

815	Basin Summary By Use-Cave Valley		
816	Basin Summary By Application-Cave Valley		
817	Basin Summary By Use-Dry Lake Valley		
818	Basin Summary By Use-Dry Lake Valley		
819	Basin Summary By Use-Delamar Valley		
820	Basin Summary By Application-Delamar Valley		
821	Basin Summary By Use-Lake Valley		
822	Basin Summary By Application-Lake Valley		
823	Basin Summary By Use-Pahranagat Valley		
824	Basin Summary By Application-Pahranagat Valley		
825	Map Showing Wild Horse and Burro Herd Management Areas, Ely Field Office	X	X
826	Map Showing Springs and Perennial Streams, Ely Field Office		
827	Map Showing Sage Grouse Range and Leks, Ely Field Office	X	Х
828	Map Showing Sage Brush Distribution on Public Lands, Ely Field Office	X	Х
829	Map Showing Livestock Grazing Allotments, Ely Field Office		
830	Map Showing Special Status Species, Ely Field Office	X	X
831	Map Showing Land Administrative Status, Ely Field Office		
832	Hydrologic Abstract Showing BLM Water Rights-Cave Valley		
833	Hydrologic Abstract Showing BLM Water Rights-Dry Lake Valley		
834	Hydrologic Abstract Showing BLM Water Rights-Delamar Valley		
835	Text of Lincoln County Land Act		
836	Text of Federal Land Policy Management Act		

	Reserved 837-899	
900	Map of Ely Shoshone Indian Reservation	
901	Act of June 27, 1930, 46 Stat. 820. – Establishment of Reservation	
902	February 14, 1931 - 46 Stat. 1122. – Monies available for purchase of additional land for Reservation	
903	Act of November 18, 1977, 91 Stat. 1406, Public Law 95-191 – Land added to Reservation	
904	Act of December 20, 2006, 120 Stat. 3042, Public Law 109-432. Added 3,526 acres to Reservation	
905	Map of Moapa Paiute Indian Reservation	
906	Excerpt from Kappler's Laws and Treaties, Vol. I, pages 866-868	
907	Excerpt from United States Statutes a Large, Vol. XVIII, Part 3, page 445	
908	Excerpt from Kappler's Laws and Treaties, Vol. III, pages 681-684	
909	Act of December 2, 1980, 94 Stat. 2561, Public Law 96-491	
910	Letter dated October 17, 1913, to Mr. Pittmen, U.S. House of Representatives, from Commissioner Cato Sells	
911	Letter dated October 15, 1926, to Governor Scrugham from Commissioner Burke	
912	Order of Determination of Relative Rights to the Waters of the Muddy River and Its Tributaries, dated 1920	
913	Decree, In the Matter of the Determination of the Relative Rights in and to the Waters of the Muddy River and Its Tributaries in Clark County, State of Nevada, dated March 12, 1920	
914	2006 Warm Springs/Muddy River Agreements	

	ADVOCATES FOR COMMUNITY AND ENVIRONMENT		
1100	First Evidentiary Exchange and Witness List	Х	X
1101	Tom Myers' report on Hydrogeology of Cave, Dry Lake, an Delamar Valleys and Effects of Groundwater Development Proposed by Southern Nevada Water Authority	X	X
1102	Tom Myers CV	X	X
1103	Draft BARCASS Rerport, Welch & Bright	X	X
1104	BARCASS Plate 1	X	X
1105	BARCASS Plate 2	X	X
1106	BARCASS Plate 3	X	X
1107	BARCASS Plate 4	X	X
1108	BARCASS Appendix 1	X	X
1109	BARCASS Appendix 2	X	X
1110	BARCASS Appendix 3	х	X
1111	BARCASS Appendix 4	X	X
1112	BARCASS Appendix 5	X	X
1113	BARCASS – PRISM Review, Jeton et al.	х	X
1114	BARCASS – BCM Report, Flint & Flint	X	X
1115	BARCASS, Chloride Mass Balance Report, Mizell et al.	X	X
1116	BARCASS, Groundwater Discharge Report, Zhu et al.	X	X
1117	BARCASS, Deuterium Uncertainty, Lundmark	X	X
1118	BARCASS, Appendix A, Component estimates of recharge, discharge, water use, and aquifer storage	X	

1119	BARCASS Spring database	X	X
1120	John D. Bredehoeft, <i>It is the Discharge</i> , Vol. 45, No. 5 Ground Water 523 (SeptOct. 2007)	Х	X
1121	Tom Myers MODFLOW data files (CD)	Х	X
1130	John D. Bredehoeft report on Impacts of Proposed SNWA Groundwater Development in Cave, Dry Lake, and Delamar Valleys, White Pine and Lincoln Counties, Nevada	X	Х
1131	John D. Bredehoeft CV	Х	X
1140	James E. Deacon report on Probable Effects of Proposed Groundwater Pumping by Southern Nevada Water Authority in Cave, Dry Lake, and Delamar Valley, Nevada, on Spring and Wetland-Dependent Biota	X	X
1141	James E. Deacon CV	Х	X
1142	Deacon et al., Fueling Population Growth in Las Vegas: How Large- scale Groundwater withdrawal Could Burn Regional Biodiversity, Vol. 57, No. 8 BioScience 688 (Sept. 2007)	X	X
1143	Deacon et al., Appendix to Bioscience article (2007)	X	X
1150	David Charlet, report on Effects of Groundwater Transport from Cave, Dry Lake, and Delamar Valleys on Terrestrial Ecosystems of Lincoln and adjacent Nye and White Pine Counties, Nevada	X	X
1151	David Charlet CV	Х	X
1160	White Pine County Water Resource Plan	Х	X
1161	White Pine County, Housing Unit Counts, 2003-2006	Х	X
1162	Nevada County Population Estimates, 1990-2006, Nevada State Demographer	Х	X
1170	Alamo Sewer and Water GID, water usage & hook ups records		
1171	Alamo Sewer and Water GID, well data		
1180	Wayne E. Kirch Wildlife Management Area, Conceptual Management Plan	Х	X

1181	Kirch WMA, 2007 Water Management Plan Summary	X	X
1182	Kirch WMA, 2007 Water Unit Management Flow Chart	X	X
1183	Kirch WMA, Public Use Data Sheet (Feb. 2006)	X	X
1184	Kirch WMA, Waterfowl Migration and Hunting Data Sheet (2001-02)	X	X
1185	Kirch WMA, Waterfowl Bag Check Summary (10/8 – 9/05)	X	X
1186	Kirch WMA, Waterfowl Harvest Summary Data Sheet (2004-05)	X	X
1187	Kirch WMA, Waterfowl Harvest Trend (Bag Check Data) Data Sheet (2001-05)	X	Х
1188	Rebuttal Evidence Exchange and Witness List	X	X
1200	Tom Meyers report: Review and Rebuttal of SNWA Submissions in Support of Applications for Ground Water from Cave, Dry Lake, and Delamar Valleys	X	Х
1210	John Bredehoeft report: Impacts of Proposed SNWA Groundwater Development Cave, Dry Lake, and Delamar Valleys, White Pine and Lincoln Counties, Nevada, Review of SNWA Hydrogeology Reports	Х	Х
1211	John Bredehoedft data files for 2006 Durbin model (CDs)	X	X
1212	SNWA – Spring discharges after 75 and 2000 years final steady state, Cave, Dry, Delamar pumpage only	Х	Х
1220	James Deacon report: Rebuttal to Biological Evidence on Wetland Dependent Sensitive Species Submitted by SNWA in Support of Applications for Groundwater Withdrawal in Cave, Dry Lake, and Delamar Valleys	Х	Х
1230	David Charlet report: Response to Evidence on Terrestrial Ecosystems Presented by SNWA in the matter of the Groundwater Development in Cave Valley, Dry Lake Valley, and Delamar Valley, Applications 53987 through 53992, inclusive	X	X
1240	Timothy Durbin CV	X	X
1250	Carter-Griffin Ranch Company summary of water rights and water usuage	Х	Х
L			

1251	Gardner Quarter Circle 5 Ranch summary of water rights	X	Х
1252	Jensen/Sunnyside Ranch summary of water rights		
1253	Lund Irrigation Company description of water rights, water usage, potential effects on senior water rights, ranching, farming, and wildlife from SNWA's proposed appropriations and export of ground water from target valleys	Х	X
1254	Lund Irrigation Company map and summary of springs in White River Valley	Х	X
	MOAPA PAITUE TRIBE OF INDIANS		
1701	Generalized ground-water recharge, evapotranspiration, and inter-basin flow of the White River and Meadow Valley Flow Systems, units in thousand of acre-feet per year. Source LVVWD, 2001 Figure 6-1		
1702	Altitude distribution in study area with precipitation gages. Source LVVWD, 2001 Figure 4-1		
1703	Distribution map of precipitation used in this study area with precipitation gages. Source LVVWD, 2001 Figure 4-9		
1704	Composite altitude precipitation relationships compared to gage data. Source LVVWD, 2001 Figure 4-8		
1705	Ground-water recharge, discharge, and inter-basin flow for selected Colorado River Basins in Nevada, in thousands of acre-feet/year (rounded). Source LVVWD, 2001, Table 6-1		
1706	Relation of mean annual temperature to mean annual precipitation based on State Climate Divisions, 1931-1960. Source Mifflin and Wheat 1979 Figure 22		
1707	Relation between mean annual temperature, precipitation and runoff. Source Mifflin and Wheat 1979 Figure 23		
1708	Sketch of observed relationship in a typical Great Basin flow system. Source Mifflin 1968 Figure 5		
1709	Models of configuration of flow with varying boundary condition. (Modified after Freeze and Whitherspoon, 1967). Source Mifflin, 1968 Figure 2		

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Plot of the relation between water chemistry, tritium, and spring classification. Source Mifflin, 1968 Figure 13		
Map of Flow Systems in the Carbonate Rock Province and Location of Large Discharge Springs. Source Mifflin, 1968 Plate II		
Detailed Isotopic Mass Balance Showing All the Sites Used in the Model Mass-Balance Calculations (pp. 36-45). Source Thomas, et al. 2001 Appendix 1		
Cady Johnson Resume		
Martin Mifflin Resume		
Moapa Tribe protest 11/15/07		
Intermediate Order and Hearing Notice dated 3/8/06 (Spring Valley Ex. 1)	Х	Х
State Engineer's Intermediate Order No. 3 dated 7/27/06 (Spring Valley Ex. 56)	X	X
State Engineer's Intermediate Order No. 4 dated 8/4/06 (Spring Valley Ex. 57)	X	X
Geology Report (Spring Valley Ex. 504)	X	X
Data Reports (Spring Valley Ex. 506)	X	X
Spring Valley Model Report (Spring Valley Ex. 508)	Х	X
Southern Nevada Water Authority 1996 Water Resource Plan (Spring Valley Ex. 510)	X	Х
Southern Nevada Water Authority 2006 Water Resource Plan (Spring Valley Ex. 511)	X	Х
Summary of USGS-SNWA/LVVWD Funding Agreements (Spring Valley Ex. 532)	Х	X
	classification. Source Mifflin, 1968 Figure 13 Map of Flow Systems in the Carbonate Rock Province and Location of Large Discharge Springs. Source Mifflin, 1968 Plate II Detailed Isotopic Mass Balance Showing All the Sites Used in the Model Mass-Balance Calculations (pp. 36-45). Source Thomas, et al. 2001 Appendix 1 Cady Johnson Resume Martin Mifflin Resume Moapa Tribe protest 11/15/07 Intermediate Order and Hearing Notice dated 3/8/06 (Spring Valley Ex. 1) State Engineer's Intermediate Order No. 3 dated 7/27/06 (Spring Valley Ex. 56) State Engineer's Intermediate Order No. 4 dated 8/4/06 (Spring Valley Ex. 57) Geology Report (Spring Valley Ex. 504) Data Reports (Spring Valley Ex. 506) Spring Valley Model Report (Spring Valley Ex. 508) Southern Nevada Water Authority 1996 Water Resource Plan (Spring Valley Ex. 510) Southern Nevada Water Authority 2006 Water Resource Plan (Spring Valley Ex. 511)	classification. Source Mifflin, 1968 Figure 13Image: Classification of Large Discharge Springs. Source Mifflin, 1968 Plate IIDetailed Isotopic Mass Balance Showing All the Sites Used in the Model Mass-Balance Calculations (pp. 36-45). Source Thomas, et al. 2001 Appendix 1Image: Classification of Discrete Plan (Spring Valley Ex. 56)Martin Mifflin ResumeImage: Classification of Classification of Classification of Plane Plan

2009	Southern Nevada Water Authority Clark, Lincoln, and White Pine Counties Groundwater Development Project Draft Conceptual Plan of Development, March 17, 2006 (Spring Valley Ex. 536)X	X	Х
2010	Coyote Springs Stipulation for Dismissal of Protests, July 18, 2001 (Spring Valley Ex. 537)	Х	Х
2011	Coyote Springs Memorandum of Agreement, April 20, 2006 (Spring Valley Ex. 538)	Х	Х
2012	Cooperative Agreement Among Lincoln County, the Southern Nevada Water Authority and the Las Vegas Valley Water District, April 17, 2003 (Spring Valley Ex. 541)	X	Х
2013	General Capacity Agreement for Participation in Southern Nevada Water Authority's Groundwater Project, February 6, 2006 (Spring Valley Ex. 542)	X	Х
2014	Three Lakes and Tikaboo Stipulation for Withdrawal of Protests, December 8, 2005 (Spring Valley Ex. 543)	Х	Х
2015	Nevada County Population Estimates July 1, 1986 to July 1, 2004 Includes Cities and Towns (Spring Valley Ex. 594)	Х	Х
2016	Interbasin Transfers (Spring Valley Ex. 603)	X	Х
2017	Municipal Uses (Spring Valley Ex. 604)	X	X
2018	Precipitation Map of Nevada, 1936 (Hardman) (Spring Valley Ex. 605)	X	X
2019	Ground water in White River Valley, White Pine, Nye, and Lincoln Counties, Nevada. (Spring Valley Ex. 606)	Х	Х
2020	Water for Nevada: Report 3 Nevada's Water Resources, p. 23 (Spring Valley Ex. 607)	Х	Х
2021	Regional Ground-Water Evapotranspiration and Ground-Water Budgets, Great Basin, Nevada (Nichols 2000) (Spring Valley Ex. 610)	X	Х
2022	The Accuracy of United States Precipitation Data (Spring Valley Ex. 617)	X	Х
2023	Calculation of Monthly and Annual 30-Year Standard Normals (Spring Valley Ex. 618)	X	Х

2024	Major Ground-Water Flow Systems in the Great-Basin Region of Nevada, Utah, and Adjacent States (Spring Valley Ex. 625)	X	Х
2025	Nevada Precipitation Map - Adapted by George Hardman, 1965 (Spring Valley Ex. 628)	Х	Х
2026	Western Regional Climate Center (Spring Valley Ex. 631)	Х	Х
2027	Water Resources Data Nevada Water Year 2004 (Spring Valley Ex. 632)	Х	X
2028	NRCS Field Office Guide to Climatic Data (Spring Valley Ex. 638)	X	X
2029	Application for Rights-of-Way, Clark, Lincoln, and White Pine Counties Groundwater Development Project, August 19, 2004 (Spring Valley Ex. 644)	X	Х
2030	Scoping Package for the Southern Nevada Water Authority Clark, Lincoln, and White Pine Counties Groundwater Development Project (Spring Valley Ex. 645)	X	X
2031	Notice of Intent of the Southern Nevada Water Authority to Prepare an Environmental Impact Statement and Initiate the Public Scoping Process, April 8, 2005 (Spring Valley Ex. 646)	X	X
2032	Scoping Meeting Letters for Protestants (Spring Valley Ex. 647)	X	X
2033	Legislative History for Senate Bill 108-1999, and Act Related to the Use of Water and the Approval of Interbasin Transfers of Ground Water (Spring Valley Ex. 656)	X	Х
2034	Water Supply Agreement Among the Moapa Band of Paiute Indians, Las Vegas Valley Water District, Southern Nevada Water Authority, Muddy Valley Irrigation Company, and Moapa Valley Water District, April 20, 2006 (Spring Valley Ex. 675)	X	X
2035	Agreement for Lease of Water Rights By Moapa Valley Water District, the Southern Nevada Water Authority, and the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, March 31, 2006 (Spring Valley Ex. 676)	Х	Х
2036	From Models to Performance Assessment: The Conceptualization Problem (Spring Valley Ex. 689)	X	Х
2037	The Conceptualization Model Problem - Surprise (Spring Valley Ex. 690)	X	Х

2038	Methods and Guidelines for Effective Model Calibration, Table 1 (Hill 1998) (Spring Valley Ex. 693)	Х	X
2039	Ground-Water Models Cannot Be Validated (Spring Valley Ex. 694)	X	X
2040	U.S.G.S. Ground-Water Models Cannot Be Validated Policy Memo, 2/5/93 (Spring Valley Ex. 695)	Х	Х
2041	Las Vegas Wash Coordination Committee 2005 Year-End Report (Spring Valley Ex. 777)	X	Х
2042	Hershler, R. 1998. A systematic review of the Hydrobiid snails (Gastropoda: Rissooidea) of the Great Basin, western United States. Part I. Genus Pyrgulopsis. The Veliger 41, pages 1-3, 11014, 56-57, 99- 132 (Spring Valley Ex. 2035)	X	Х
2043	Hershler, R. and D.W. Sada. 2002. Biogeography of Great Basin aquatic snails of the Genus Pyrgulopsis. Pages 255-276 in R. Hershler, D.B. Madsen, and D.R. Curvey, eds. Great Basin Aquatic Systems History. Smithsonian Contributions to the Earth Sciences, Number 33 (Spring Valley Ex. 2036)	Х	Х
2040	U.S.G.S. Ground-Water Models Cannot Be Validated Policy Memo, 2/5/93 (Spring Valley Ex. 695)	Х	Х
2041	Las Vegas Wash Coordination Committee 2005 Year-End Report (Spring Valley Ex. 777)	Х	Х
2042	Hershler, R. 1998. A systematic review of the Hydrobiid snails (Gastropoda: Rissooidea) of the Great Basin, western United States. Part I. Genus Pyrgulopsis. The Veliger 41, pages 1-3, 11014, 56-57, 99- 132 (Spring Valley Ex. 2035)	X	Х
2043	Hershler, R. and D.W. Sada. 2002. Biogeography of Great Basin aquatic snails of the Genus Pyrgulopsis. Pages 255-276 in R. Hershler, D.B. Madsen, and D.R. Curvey, eds. Great Basin Aquatic Systems History. Smithsonian Contributions to the Earth Sciences, Number 33 (Spring Valley Ex. 2036)	X	Х
2044	Sage Grouse Conservation Team. 2004. Greater Sage-Grouse Conservation Plan for Nevada and Eastern California. First Edition. Prepared for Nevada Governor Kenny C. Guinn. Nevada. Title page, Table of Contents, Executive Summary, Acknowledgements, pp. 1-108, Appendix Q White Pine County Sage-Grouse Conservation Plan, Appendix R Lincoln County Sage-Grouse Conservation Plan (Spring Valley Ex. 2060)	Х	х

2045	Skudlarek, E., ed. 2006. Nevada Wetlands priority conservation plan, technical review draft. Nevada Natural Heritage Program, Department of Conservation and Natural Resources, Title Page and pp. 1-11, 1-20, 1-22, 1-25, 3-3, 3-7, 3-8, 3-9, 4-26, 4-31, 4-32, 4-35 (Spring Valley Ex. 2106)	X	Х
	CAVE VALLEY RANCH		
2064	Cave Valley Ranch LLC's Initial Submittal List of Witnesses and Exhibits	X	X
2065	Supplement to Cave Valley Ranch LLC's Initial Submittal of Witnesses and Exhibits	X	X
2066	2006-2065 Natural Resources Conservation Services 449-Irrigation Water Management Reports	Х	X
2067	Ground-water Resources – Reconnaissance Series Report 12		
2068	Soil Survey of Lincoln County, Nevada – North Part	X	X
2069	Cave Valley Maps	X	X
2070	Hydrology and Steady State Ground-water Model of Cave Valley, Lincoln and White Pine Counties, Nevada 1993		
2071	CV of Tim Sullivan	X	Х
2072	Sullivan Group Report – Assessment of the Development Opportunity Associated with Cave Valley Nevada	Х	X
2073	CV Lonnie Roy	X	Х
2074	Broadbent and Associates Report – Hydrology of Cave Valley Nevada	X	Х
2075	White Pine County Public Lands Policy Plan	X	X