

## EXHIBIT IDENTIFICATION LIST

(Due 12 Noon, Tuesday, February 16, 2010)

### Delta Flow Criteria Informational Proceeding

Scheduled to Commence  
Monday, March 22, 2010

#### PARTICIPANT: Sacramento Regional County Sanitation District

Exhibit Identification Number	Exhibit Description
<b>1</b>	<b>Other Stressors - Water Quality: Ambient Ammonia Concentrations: Direct Toxicity and Indirect Effects on Food Web</b>
1A	Baxter, R., R. Breuer, L. Brown, M. Chotkowski, F. Feyrer, M. Gingras, B. Herbold, A. Müller-Solger, M. Nobriga, T. Sommer, and K. Souza. 2008. Pelagic organism decline progress report: 2007 Synthesis of results. Interagency Ecological Program for the San Francisco Estuary.
1B	Bouley, P., and W. J. Kimmerer. 2006. Ecology of a highly abundant, introduced cyclopoid copepod in a temperate estuary. <i>Mar. Ecol. Prog. Ser.</i> 324: 219-228.
1C	Brinkman, S.F., J.D. Woodling, A.M.Vajda, and D.O. Norris. 2009. Chronic Toxicity of Ammonia to Early Life Stage Rainbow Trout. <i>Trans. Amer. Fish. Soc.</i> 138: 433-440.
1D	Burkhalter, D.E., and D.M. Kaya. 1977. Effects of Prolonged Exposure to Ammonia on Fertilized Eggs and Sac Fry of Rainbow Trout ( <i>Salmo gairdneri</i> ). <i>Trans. Amer. Fish. Soc.</i> 106: 470-475.
1E	Dugdale, R. C., F. P. Wilkerson, V. E. Hogue, and A. Marchi. 2007. The role of ammonium and nitrate in spring bloom development in San Francisco Bay. <i>Estuar. Coast. Shelf Sci.</i> 73: 17-29.
1F	Foe, C. 2009. <i>August 2009 Ammonia Summit Summary</i> . Technical Memo to Jerry Bruns and Sue McConnell, Central Valley Regional Water Quality Control Board, 24 September 2009.
1G	Foe, C., A. Ballard, & R. Dahlgren. 2009a. <i>Preliminary Ammonia Results form an Ongoing Monitoring Program</i> . Central Valley Regional Water Quality Control Board Ammonia Summit, Sacramento, California, August 18-19, 2009.

1H	Gifford, J.M., G. Rollwagen-Bollens, and S.M. Bollens. 2007. Mesozooplankton omnivory in the upper San Francisco Estuary. <i>Mar. Ecol. Prog. Ser.</i> , 348: 33-46.
1I	Hall, C., and A. Mueller-Solger. 2005. Culturing delta copepods. <i>IEP Newsletter.</i> , Vol. 18, No. 3, Summer 2005.
1J	Kimmerer, W.J. 2005. Long-term changes in apparent uptake of silica in the San Francisco Estuary. <i>Limnol. Oceanogr</i> 50: 793-798.
1K	Lehman, P.W. 2000. The influence of climate on phytoplankton community biomass in San Francisco Bay Estuary. <i>Limnol. Oceanogr.</i> 45: 580-590.
1L	Lehman, P.W., G. Boyer, M. Satchwell, and S. Waller. 2008. The influence of environmental conditions on the seasonal variation of <i>Microcystis</i> cell density and microcystins concentration in the San Francisco Estuary. <i>Hydrobiologia</i> 600: 187-204.
1M	Lehman, P.W., S.J. Teh, G.L. Boyer, M.L. Nobriga, E. Bass, and C. Hogle. 2010. Initial impacts of <i>Microcystis aeruginosa</i> blooms on the aquatic food web in the San Francisco Estuary. <i>Hydrobiologia</i> 637: 229-248.
1N	Mioni, C.E., and A. Paytan. 2009. Does ammonia control harmful algae abundance & toxicity in the San Francisco Estuary, CA? Central Valley Regional Water Quality Control Board Ammonia Summit, Sacramento, California, August 18-19, 2009.
1O	Passell, H.D., C.N. Dahm, & E.J. Bedrick. 2007. Ammonia modeling for assessing potential toxicity to fish species in the Rio Grande, 1989-2002. <i>Ecol. Appl.</i> 17: 2087-2099.
1P	Parker A.E., R.C. Dugdale, F.P. Wilkerson, A. Marchi, J. Davidson-Drexel, S. Blaser, and J. Fuller. 2009a. Effect of wastewater treatment plant effluent on algal productivity in the Sacramento River Part 1: Grow-out and wastewater effluent addition experiments. Central Valley Regional Water Quality Control Board Ammonia Summit, Sacramento, California, August 18-19, 2009.
1Q	Parker A.E., R.C. Dugdale, F.P. Wilkerson, A. Marchi, J. Davidson-Drexel, J. Fuller, & S. Blaser. 2009b. <i>Transport and Fate of Ammonium Supply from a Major Urban Wastewater Treatment Facility in the Sacramento River, CA.</i> 9th Biennial State of the San Francisco Estuary Conference, Oakland, CA, September 29-October 1, 2009.
1R	Rollwagen-Bollens, G. C., and D. L. Penry. 2003. Feeding dynamics of <i>Acartia</i> spp. copepods in a large, temperate estuary (San Francisco Bay, CA). <i>Mar. Ecol. Prog. Ser.</i> 257: 139-158.
1S	Solbe, J.F.L.G., & D.G. Schurben. 1989. Toxicity of ammonia to early life stages of rainbow trout ( <i>Salmo gairdneri</i> ). <i>Water Res.</i> 23:127-129.
1T	Teh, S., S. Lesmeister, I. Flores, M. Kawaguchi, and C. Teh. 2009a. <i>Acute Toxicity of Ammonia, Copper, and Pesticides to Eurytemora affinis and</i>

	<i>Pseudodiaptomus forbesi</i> . Central Valley Regional Water Quality Control Board Ammonia Summit, Sacramento, California, August 18-19, 2009.
1U	Teh, S.J, S. Lesmeister, I. Flores, M. Kawaguchi, and C. Teh. 2009b. <i>Final Report. Acute Toxicity of Ammonia, Copper, and Pesticides to Eurytemora affinis, of the San Francisco Estuary</i> . Appendix A <i>In</i> : Reece, C., D. Markiewicz, L. Deanovic, R. Connon, S. Beggel, M. Stillway, and I. Werner. 2009. <i>Pelagic Organism Decline (POD): Acute and Chronic Invertebrate and Fish Toxicity Testing in the Sacramento-San Joaquin Delta</i> . UC Davis Aquatic Toxicology Laboratory, Progress Report, 29 September 2009.
1V	Thurston, R.V., R.C. Russo, R.J. Luedtke, C.E. Smith, E.L. Meyn, C. Chakoumakos, K.C. Wang, & C.J.D. Brown. 1984. Chronic Toxicity of Ammonia to Rainbow Trout. <i>Trans. Amer. Fish. Soc.</i> 113:56-73.
1W	USEPA. 1985a. Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses. United States Environmental Protection Agency.
1X	USEPA. 1985b. <i>Ambient Water Quality Criteria for Ammonia - 1984</i> . EPA 440/5-85-001. United States Environmental Protection Agency, January 1985.
1Y	USEPA. 1989. <i>Ambient Water Quality Criteria for Ammonia (Saltwater) - 1989</i> . EPA 440-5-88-004. United States Environmental Protection Agency, April 1989.
1Z	USEPA. 1999. <i>1999 Update of Ambient Water Quality Criteria for Ammonia</i> . EPA 822-R-99-014. United States Environmental Protection Agency, December 1999.
1AA	USEPA. 2000. <i>Excerpt from: California Toxics Rule [CTR], Water Quality Standards; Establishment of Numeric Criteria for Priority Toxic Pollutants for the State of California; Federal Register Rule 40CFR Part 131</i> . U.S. Environmental Protection Agency, Washington, D.C.
1BB	USEPA. 2009. <i>Draft 2009 Update Aquatic Life Ambient Water Quality Criteria for Ammonia-Freshwater</i> . EPA 822-D-09-001. United States Environmental Protection Agency, December 2009
1CC	Werner, I. 2009. <i>Effects of Ammonia/um and Wastewater Effluent Associated Contaminants on Delta Smelt</i> . Central Valley Regional Water Quality Control Board Ammonia Summit, Sacramento, California, August 18-19, 2009.
1DD	Werner, I., and J.T. Hollibaugh. 1993. <i>Potamocorbula amurensis</i> : Comparison of clearance rates and assimilation efficiencies for phytoplankton and bacterioplankton. <i>Limnol. Oceanogr.</i> 38: 949-964.
1EE	Werner, I., L.A. Deanovic, M. Stillway, and D. Markiewicz. 2009a. <i>The Effects of Wastewater Treatment Effluent-Associated Contaminants on Delta Smelt</i> . Draft Final Report to the Central Valley Regional Water Quality

	Control Board. January 28, 2009.
1FF	Wilkerson, F.P., R.C. Dugdale, V.E. Hogue, and A. Marchi. 2006. Phytoplankton blooms and nitrogen productivity in San Francisco Bay. Estuaries Coasts 29: 401-416.
1GG	Werner, I., L.A. Deanovic, M. Stillway, and D. Markiewicz. 2009b. Acute toxicity of Ammonia/um and Wastewater Treatment Effluent-Associated Contaminant on Delta Smelt - 2009. Draft Report to the Central Valley Regional Water Quality Control Board. October 30, 2009.
<b>2</b>	<b>Other Stressors – Water Quality: Direct Toxicity of Ammonia and Pyrethroids</b>
<b>2A</b>	<b>Irvine, C. 2 July, 2009. 2008/2009 Summary of Don Weston’s (UC Berkeley) 2008/2009 Pyrethroid Source Evaluation Study Results from SRWTP Effluent. Draft Technical Report. Prepared for the Sacramento Regional County Sanitation District.</b>
2B	Reece, C., D. Markiewicz, L. Deanovic, R. Connon, S. Beggel, M. Stillway, and I Werner, I.L. 29 September, 2009. Pelagic Organism Decline (POD): Acute and Chronic Invertebrate and Fish Toxicity Testing in the Sacramento-San Joaquin Delta 2008-2010, Progress Report III.
<b>2C</b>	<b>Seyfried, R. 30 November, 2009. Sacramento Regional Comments on Acute Toxicity of Ammonia/um and Wastewater Treatment Effluent - Associated Contaminants on Delta Smelt – 2009, Draft Report (10/30/09). Letter to Stephanie Fong, Central Valley Regional Water Quality Control Board.</b>
2D	United States Environmental Protection Agency (USEPA). 1999. 1999 Update of Ambient Water Quality Criteria for Ammonia. Office of Water. EPA-822-R-99-014.
<b>2E</b>	<b>Werner, I., C. Irvine, and C. Foe. 2008a. The Effects of Wastewater Treatment Effluent-Associated Contaminants on Delta Smelt. Ammonia Toxicity Sampling and Analysis Plan. 28 July</b>
2F	Werner, I., L. Deanovic, D. Markiewicz M. Stillway, N. Offer, R. Connon, and Susan Brander.. 30 April, 2008b. Pelagic Organism Decline (POD): Acute and Chronic Invertebrate and Fish Toxicity Testing in the Sacramento-San Joaquin Delta 2006-2007. Final Report to the California Department of Water Resources, Sacramento, CA.
2G	Werner, I., L. Deanovic, M. Stillway, and D. Markiewicz. 3 April, 2009a. Acute Toxicity of Ammonia/um and Wastewater Treatment Effluent-Associated Contaminants on Delta Smelt, Final Report.
2H	Werner, I., L. Deanovic, M. Stillway, and D. Markiewicz. 30 October, 2009b. Acute Toxicity of Ammonia/um and Wastewater Treatment Effluent-Associated Contaminants on Delta Smelt – 2009. Draft Report.
<b>2I</b>	<b>Weston, D.P., and M.J. Lydy. In press. Urban and Agricultural Sources of pyrethroid insecticides to the Sacramento-San Joaquin Delta of California. Environmental Science &amp; Technology.</b>
<b>3</b>	<b>Hydrodynamic – Operations: Fish Loss Due to Entrainment/ Predation/ Salvage</b>

<b>3A</b>	<b>Clark, et al. 2009. Quantification of Pre-Screen Loss of Juvenile Steelhead in Clifton Court Forebay. Department of Water Resources, The California Natural Resources Agency</b>
<b>3B</b>	Department of Water Resources, Department of Fish and Game and US Bureau of Reclamation. June 1995. Agreement Pursuant to Article VII Negotiations for Interim South Delta Facilities Concerning Fish in the Sacramento-San Joaquin Estuary.
<b>3C</b>	<b>Grimaldo, et al. 2009. Factors Affecting Fish Entrainment into Massive Water Diversions in a Tidal Freshwater Estuary: Can Fish Losses be Managed? North American Journal of Fisheries Management 29:1253-1270.</b>
<b>3D</b>	<b>Larry Walker Associates, 2010. A Review of Delta Fish Population Losses from Pumping Operations in the Sacramento-San Joaquin Delta. Prepared for Sacramento Regional County Sanitation District. January.</b>
<b>3E</b>	<b>Kimmerer, W. 2008. Losses of Sacramento River Chinook Salmon and Delta Smelt to Entrainment in Water Diversions in the Sacramento-San Joaquin Delta. San Francisco Estuary and Watershed Science. June 2008. Vol. 6, Issue 2.</b>