

EXHIBIT 131

Outline of Supplemental Expert Witness Testimony

Walker River Basin Decision Support Tool

Douglas Boyle, Ph.D., Principal Investigator and Project Lead

Dr. Boyle, with the University of Nevada, was the lead Principal Investigator and overall lead research scientist on the Walker River Basin Decision Support Tool (DST) project. To supplement the initial App. 80700 Scenario DST model run, Dr. Boyle oversaw the creation of an additional DST model run that assumed the full use of the supplemental groundwater rights associated the App. 80700 decreed surface water rights, including the complete removal of the consumptive use component of such supplemental groundwater from the hydrologic system (Addendum DST Scenario, NFWF Exh. 124). Therefore, Dr. Boyle's hearing testimony could include, in addition to his initial testimony outline (NFWF Exh. 64), the following:

- General concepts behind the conceptual modeling approach used in the DST, including the concepts behind the Addendum DST Scenario (NFWF Exh. 124);
- Determination of the appropriate DST team member to address specific details, assumptions, limitations, and uncertainty related to the different DST modeling components (i.e., MODSIM, MODFLOW, HRU Water Balance, and the controller).

Christopher Garner, Program Manager, Hydrologic Research

Mr. Garner, with the University of Nevada, co-led the design and development of the Walker River Basin DST. Mr. Garner's for the Addendum DST Scenario included, and therefore his testimony at the evidentiary hearing could include, in addition to his initial testimony outline (NFWF Exh. 70), the following:

- Modification and testing of the DST source code to implement the Addendum DST Scenario (NFWF Exh. 125);
- Run the Addendum DST Scenario and analyze the scenario results;
- Summarize and present the results in the Addendum DST Scenario (NFWF Exh. 124).

Enrique Triana, Ph.D., Lead Water Resources Engineer

Dr. Triana, with the MWH Americas Inc., co-led the design and development of the Walker River Basin DST. Dr. Triana's responsibilities for the Addendum DST Scenario included, and therefore his testimony at the evidentiary hearing could include, , in addition to his initial testimony outline (NFWF Exh. 72), the following:

- Modification and testing of the DST source code to implement the Addendum DST Scenario (NFWF Exh. 125);
- Run the Addendum DST Scenario and analyze the scenario results;
- Summarize and present the results in the Addendum DST Scenario (NFWF Exh. 124).

Greg Pohll, Ph.D., Groundwater Model Development

Dr. Pohll, with the Desert Research Institute, was the lead scientist and developer for the Walker River Basin groundwater modeling portion of the DST. Dr. Pohll's specific responsibilities for the Addendum DST Scenario included, and therefore his testimony at the evidentiary hearing could include, in addition to his initial testimony outline (NFWF Exh. 68), the following

- General construction (grid size, temporal resolution, etc) for the Smith and Mason Valley groundwater models;
- Groundwater budget;
- Generalized stream accretions and depletions (e.g. general locations of losing and gaining stream reaches within the Walker River Basin);
- Amount and location of groundwater pumping;
- Amount and location of agricultural recharge;
- Surface water discharge;
- Amount and location of accretions and depletions along the Walker River.