Surface Water Coalition
Rebuttal Expert Reports Exhibit List

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

PREPARED BY
BROCKWAY ENGINEERING, INC.
ERO RESOURCES CORPORATION
HDR ENGINEERING, INC.

November 7, 2007

Rebuttal Report Exhibits

Rebuttal Reports

Exbibit 8190	Rebuttal Report by SWC to King Expert Report
Exhibit 8191	Rebuttal Report by SWC to Brendecke Expert Report
Exhibit 8192	Rebuttal Report by SWC to Sulivan and Franzoy Expert Report
Exhibit 8193	Rebuttal Report by SWC to Carlson Expert Report

Exhibit 8194	Rebuttal Testimony by Norm Young to Sullivan and Franzoy Expert Report
Exhibit 8195	Rebuttal Report by Joel Hamilton to Church Expert Report

Exhibits Used for Rebuttal Report to Sullivan/Franzoy Expert Report

Exhibit 8200	Comparison of SWC Field Efficiencies
Exhibit 8201	Comparison between Sullivan's assumed conveyance losses and SWC estimates
Exhibit 8203	Combined reservoir storage for the Palisades Project from Table 21 in Reclamation's 1946 Palisades Project Planning Report
Exhibit 8204	Comparison of Sullivan Calculation of Excess Supply or Shortage (AF) with SWC Calculation (AF) and Historical Curtailment

Exhibits Used for Rebuttal Report to Brendecke Expert Report

Exhibit 8211	Reach gain decline in the near Blackfoot to Milner reach (Figure 7-31)
Exhibit 8212	Comparison of monthly-average Snake River reach gains showing the decline between historic and recent periods including the 1930s drought and the more-recent drought in 1992, 1994 and in the 2000s.
Exhibit 8213	Reach gain declines in the nr Blackfoot to Milner reach (from Table 7-4)
Exhibit 8214	Relationship between declining TFCC monthly natural flow diversions and the declining reach gains in the near Blackfoot to Milner reach during the middle of the irrigation season. (Figure 7-32)
Exhibit 8215	Correlation of Blackfoot to Milner reach gains and permitted ground water irrigation on the ESPA.
Exhibit 8216	Double-mass curve analysis for Blackfoot to Milner for May to Sept reach gains (upper graph) and July-Aug reach gains (lower graph) compared to unregulated Snake River flow into the America Falls reach.

Exhibit 8217	Comparison of TFCC Daily and Cumulative Daily Natural Flow Diversions – 2003 (Figure 8 - 1)
Exhibit 8218	Comparison of TFCC Natural Flow Diversions - Dry Years (Table 8 - 1)
Exhibit 8219	Comparison of NSCC Daily and Cumulative Daily Natural Flow Diversions – 2003 (Figure 8 - 2)
Exhibit 8220	Comparison of NSCC Natural Flow Diversions – Dry Years (Table 8 - 2)
Exhibit 8221	Comparison of total SWC natural flow diversions – dry years (Table 8 - 3)
Exhibit 8222	Comparison of TFCC natural flow diversions in the 1930s and 2000s drought.
Exhibit 8223	Comparison of NSCC natural flow diversions in the 1930s and 2000s drought.
Exhibit 8224	Comparison of SWC natural flow diversions in the 1930s and 2000s drought.
Exhibit 8225	Table reproduced from USGS Water Supply Paper 774 (pg. 197) showing reach gains in the near Blackfoot (Clough) and Neeley reach.
Exhibit 8226	Reclamation Palisades Reservoir Project Planning Report Operation Study Results
Exhibit 8226	Modeled and observed ground water levels from ESPAM model calibration.
Exhibit 8227	Modeled and observed reach gains from ESPAM model calibration.
Exhibit 8228	Transmissivity distribution in ESPAM model showing cell-by-cell variations in transmissivity to account for varying hydraulic properties in the aquifer.

Exhibit 8229	Increased water supply available with curtailment of ground water pumping based on results of 888 cfs Scenario for years with simulated irrigation shortfalls.
Exhibit 8230	Comparison of the minimum full supply in the IDWR Order with the SWC diversions. (Figure 8-4, SWC Expert Report)
Exhibit 8231	Comparison of the minimum full supply in the IDWR Order with the SWC irrigation diversion requirements. (Pg 9-8, SWC Expert Report)