

Sacramento River System – Methodology 4

Ayres Associates Inc.

2007 Field Reconnaissance Report Erosion Site Inventory and Priority Ranking

December 18, 2007

Criteria	Score Definition
Bank Slope	0 – 3:1 or Greater Slope; 1 – 2.5:1 Slope; 2- 2:1 Slope; 3 – 1.5:1 Slope; 4 – 1:1 or Less Slope; 5 – Vertical Slope
Berm Width	0 - Berm width of 30 ft or greater; 1 - 20 to 29 ft of berm; 2- 10 to 19 ft of berm; 3 - 5 to 9 ft of berm; 4 - 1 to 4 ft of berm; 5 - No berm width
Soil Type	0 – Cemented Soils; 1 – All Clays; 2 – Clays and Silts; 3 – Sands; 4 – Silty Sands; 5 – All Silt
Velocity	0 – Less than 1 ft/s during high flow event; 1 – 1.0 to 2.0 ft/s; 2 – 2.0 to 3.0 ft/s; 3 – 3.0 to 5.0 ft/s; 4 – 5.0 to 8.0 ft/s; 5- Greater than 8.0 ft/s (If eddy currents are observed, add an additional point)
Bank Stability	0 – No Stability issues; 1- Tree Hazards; 2 – Beaver Holes or Caves; 3 – Tension Cracks; 4- Slumping; 5 – Seepage History; 6 – Combination of Seepage/Slumping and one additional stability issue; 7 – Combination of Seepage/Slumping and two additional stability issues