

APPENDIX D

QA/QC DATA EVALUATION CHECKLIST FOR BENTHIC

DATA QUALITY SCREENING

- 1. Verify the field sampling was performed by properly trained technicians following USFS, EMAP, or CSBP protocols.
- 2. Verify the accuracy of laboratory sub sampling for removal efficiency and correct number of organisms. Removal efficiency shall be at least 90 %. Organism removal shall occur at a rate of 500 organisms per sample (USFS and EMAP protocols) or 300 organisms per sample (CSBP protocol), plus or minus 10 %.
- 3. Verify the accuracy of taxonomic identification and enumeration through an external check of 10 or 20 % of the samples. Taxonomic effort shall conform to standard levels of identification. Verification should be performed by the California Department of Fish and Game Aquatic Bioassessment Laboratory in Rancho Cordova, CA.
- 4. Verify that data entry included thorough QA/QC procedures.