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To: Reviewers of Draft Technical Reports, Intrinsic Sediment Processes at Alameda Point

From: Professor James Hunt, Principal Investigator, and William Mabey, BERC Quality Control Program Manager

Subject: Review of Draft Technical Reports for Berkeley Environmental Restoration Center's Studies Related to Seaplane Lagoon and West Beach Landfill Wetlands, Alameda Point.

Delivery Order No 4 from EFA West, U.S. Navy, to the University of California at Berkeley encompasses a number of studies of "intrinsic processes" related to conditions in the Seaplane Lagoon and West Beach Landfill Wetlands at Alameda Point. The lead investigators for the respective studies have prepared the attached reports. The Principal Investigator, Professor James Hunt, is also preparing a summary of the results from these reports, which is meant for a broader, less technical readership. This summary will eventually constitute the Final Report to the Navy and the technical reports will be included as appendices.

The attached draft reports are provided for a regulatory review, coordinated by EFA West through the Navy's project manager, Ronald Yee. These reports are in the format and style provided by the lead investigators, and some will be changed into a more consistent format for the eventual final report. A cover page for each report summarizes the status of the report and the availability of supplemental information.

The studies have been conducted under the direction of experts in their respective fields of research, and in accord with a Navy-approved Workplan. BERC recognizes that some studies have used methods that are not familiar or available to the general environmental community, and that some expertise and discernment are necessary for the understanding and the full use of the resulting data. The data are of a high quality, but some aspects of the data quality reside in the expertise of the lead investigator. BERC also recognizes that some quality criteria traditionally applied by the regulated community are not addressed in these studies.

BERC and EFA West appreciate your thoughtful review and constructive comments that will allow these "innovative technologies" to make contributions to the decisions to be made at Alameda Point.

Complete Listing of Technical Reports

Appendix A: Field Sampling and Measurements*

Appendix B: Marine Acoustic Imaging at Naval Air Station Alameda, Sites 2 and 17

Appendix C: Physical Characterization of Sediments and Water Flux in Seaplane Lagoon

Appendix D: Geochemical Characterization of Seaplane Lagoon Sediments

Appendix E: Profiles of Selected Chemical Constituents in Sediment Column

Appendix F: Microbial Transformations in Sediments*

Appendix G: Isotope Ratio Studies in Sediments*

Appendix H: Pore Water and Sediment Ecotoxicity Studies of Seaplane Lagoon and West Beach Landfill Wetlands Sediments

Appendix I Bioavailability of Trace Metals and Organic Compounds from Alameda Point Sediments

* These technical reports are being completed and will be submitted for review in January 1999; Appendix A includes a description of the sediment sampling locations, and will be submitted by January 12, 1999. If there are any questions regarding missing pages or data from these reports, please feel welcome to call Bill Mabey at BERC, 510-643-2075