

# Memorandum

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ALAMEDA POINT  
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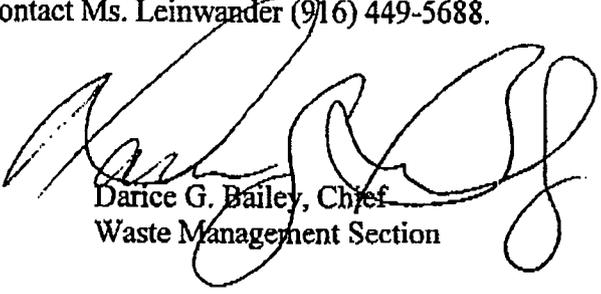
Date: November 14, 2003

To: Marcia Laio  
Office of Military Facilities  
Department of Toxic Substances Control (DTSC), Region 2  
700 Heinz Avenue, Suite 200  
Berkeley, California 94710

From: Environmental Management Branch  
P.O. Box 997413  
1616 Capitol Avenue, MS 7405  
Sacramento, California 95899-7413  
(916) 449-5661

Subject: Review of the Draft Remedial Investigation Report – Seaplane Lagoon – Alameda Point, California,  
dated January 28, 2003

Attached are the Department of Health Services' (DHS) comments on the subject document. This review was performed by Ms. Penny Leinwander, Associate Health Physicist in support of the Interagency Agreement between DTSC and DHS. If you have any questions concerning this report, or if you need additional information, please contact Ms. Leinwander (916) 449-5688.



Darice G. Bailey, Chief  
Waste Management Section

Attachment

cc: Ms. Penny Leinwander, CHP  
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## Department of Health Services Review

Activity: Review of the Draft Remedial Investigation Report – Seaplane Lagoon – Alameda Point, California, dated January 28, 2003

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### General Comments:

1. The Department of Health Services (DHS) is sending comments at this late date because we were not aware that the document had been distributed earlier this year. We hope that our review comments will still be considered.

### Specific Comments:

1. DHS requests a copy of the radiochemical analysis reports submitted to the Navy by the laboratory who analyzed the sediment and receptor samples for radiological constituents. Also, DHS would like a copy of the radiological field sampling plan for the Seaplane Lagoon which specifies the location and depth of sampling, and rationale for the sample size and sample locations. It is preferred that the information be provided on a CD. It is not clear if the results reported in the RI report are adequate to describe the nature and extent of the radium contamination without review of this information. The refurbishing work using the radium paint was discontinued at least 25 years ago, which could mean that higher concentrations may be found below the more recently deposited non-contaminated sediment. More at depth samples may be needed. It appears that there was only one sample location in the northeastern corner of the lagoon; however, the conceptual site model indicates that a second outfall in the vicinity of the northeastern corner may have been a discharge point for radium also. More samples at this discharge point may be warranted. These are concerns that may be addressed by the review of the requested documents.
2. Proposed-FS Footprint: The exact footprint of the excavation and the depth of excavation were not clearly delineated in the RI document. Figure 7-15 does not specify the boundaries of the planned excavation clearly. On the figure, the ppm lines for cadmium, DDx, and PCB could not be distinguished because of the poor quality of the copy. The outfall locations need to be identified on the map and a north arrow needs to be included.