



**Base Realignment and Closure  
Program Management Office West  
1455 Frazee Road, Suite 900  
San Diego, California 92108-4310**

**ACTION MEMORANDUM  
September 2008**

**CERCLA TIME-CRITICAL REMOVAL ACTION  
INSTALLATION RESTORATION SITE 17  
CONSTRUCTION DEBRIS PILES  
ALAMEDA POINT, ALAMEDA, CALIFORNIA**

## **ACTION MEMORANDUM**

### **CERCLA TIME-CRITICAL REMOVAL ACTION INSTALLATION RESTORATION SITE 17 CONSTRUCTION DEBRIS PILES ALAMEDA POINT, ALAMEDA, CALIFORNIA**

<b>Site Status:</b>	<b>National Priorities List</b>
<b>Removal Category:</b>	<b>Time-Critical Removal Action</b>
<b>CERCLIS ID:</b>	<b>CA2170023236</b>
<b>Site ID:</b>	<b>Installation Restoration Site 17</b>
<b>Date:</b>	<b>September 11, 2008</b>

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Responses to Regulatory Agency Comments

*Draft Final Action Memorandum Time-Critical Removal Action*

*Installation Restoration Site 17, Construction Debris Piles*

*Alameda Point, Alameda, California*

Dated August 2008

Comment No.	Comment Location	Comment	Response
	Reference		
<b><i>Action Memorandum—General Comments from James Polisini, DTSC HERD</i></b>			
1	General	The protectiveness of the TCRA for IR Site 17 debris piles will be evaluated using human health and ecological criteria protective of any potential future use and ecological receptors in the Seaplane Lagoon.	Comment noted.
<b><i>Action Memorandum—Specific Comments from James Polisini, DTSC HERD</i></b>			
1	Section 2.1.2, page 2-2 and Appendix A, Section 2.2, page 2-5	Please specify the ‘background’ concentrations which eight of ten inorganic elements in the test pit soils exceed, specifically whether these are terrestrial soil ‘background’ concentrations or San Francisco Bay sediment ‘ambient’ concentrations. The terrestrial soil ‘ambient’ data set used for comparison is apparently the ‘pink’ ambient data set.	The background values are based on the pink data set (TTEMI, 2001).
2	Section 2.2.1.1, page 2-5 and Appendix D, DQO table, Step 3	Given that Pile 1 test pit soils exceeded EPA Region 9 PRGs for industrial use, it seems likely that at least some inorganic elements and/or organic compounds will exceed the EPA Region 9 PRGs for residential use in the first level of samples below the construction debris. Analysis of the second level of samples two feet below the first level of samples may be required, at least in some locations. This comment is meant for the DTSC Project Manager and no response is required from the Navy or Navy contractor.	Comment noted.
3	Section 2.2.1.1, page 2-5	Three geographically separate soil ‘ambient’ data sets, referred to as ‘blue’, ‘yellow’ and ‘pink’, have been developed for Naval Air Station (NAS) Alameda based on different fill history. Please specify the ‘background soil concentrations’ proposed as a benchmark.	This text is taken from the Batelle <i>Technical Memorandum for Construction Debris Pile study at Seaplane Lagoon</i> (2006). Batelle used the pink data set for background concentrations. It is important to note that this information was presented as historical information and does not apply to the sampling program for this TCRA.

Comment No.	Comment Location	Comment	Response
	Reference		
4	Section 5.1.2, page 5-2	Soil excavation at the southern extremity of the debris area will be performed at low tide. Please describe how the southern boundary of the debris piles was established. Berkeley Environmental Restoration Center (BERC, 1997) used acoustic profiling of SPL sediments to identify sediments deposited during Navy activities at SPL as distinct from sediment layers laid down prior to Navy activities. Please explain the reason these acoustic sediment profiles were apparently not used to identify the southern boundary of the debris piles.	<p>While the BERC study provides information relevant to the distribution of lagoon sediments deposited in the lagoon since it was initially dredged, the scope of work for this removal action involves removal of the debris piles and not sediments/sand that accumulated on the lagoon bottom during the period that the Navy was operating at the Base.</p> <p>It is important to note that the lagoon was dredged in the 1930s down to the Merrit Sand. Sediments laid down prior to Navy activity (dredging) were the tidal flat deposits that accumulated on the margins of the Bay. The sediments removed to make the lagoon were the tidal flat deposits. In the 70 years since the lagoon was originally dredged, most sediment transported into the lagoon was likely suspended sediments that settled out as current velocities became slower inside the lagoon (ROD, 2006). An evaluation of sediment accumulation within the lagoon suggests that the net sediment accumulation rate prior to 1963 was 0.7 to 0.8 inches/year with the rate decreasing to 0.4 inches/year since 1963 (BERC, 1999). The thickness of the recent sediments ranges from 0.5 to 6.5 feet with the thickest accumulations found on the western side and in the northeast corner of the lagoon (Battelle, 2005).</p> <p>The scope of work for this TCRA does not involve removing other sediments/sand that accumulated in the lagoon between the time the lagoon was dredged (1930s) until the debris piles were placed (1969).</p> <p>The scope of work for this TCRA includes removal of the debris piles only. The vertical and lateral limits of the piles will be determined in the field during excavation and will be based on removal of visual debris.</p>

Comment No.	Comment Location	Comment	Response
	Reference		
<b><i>Response to Comments on Draft Action Memorandum—Comments from Xuan-Mai Tran, EPA</i></b>			
1	Response to General Comment 1	The response to the EPA request, that removal action levels (RALs) for all constituents that exceeded the industrial preliminary remediation goals (PRGs) or ecological screening levels (ESLs) be provided and revise each reference to the RALs to include the additional criteria, was not fully addressed in the Navy's response and these criteria were not included in the revised Action Memorandum. Please provide RALs in the Action Memorandum for all constituents that exceeded PRGs or ESLs in samples collected from the Construction Debris Piles.	<p>The debris piles are being removed so they don't serve as a potential continuing source of sediment contamination. Due to their characteristics, it was proposed by the Navy (and agreed with by agencies during the May 20, 2008 BCT Technical Working Meeting) that the objective of this removal action would be to remove the two debris piles based on their physical extent. Removal goals for specific chemical compounds would not be developed.</p> <p>Following excavation, characterization samples would be collected and analytical results screened against ecological, background, and residential screening criteria (Table 1-2). If the screening criteria were exceeded in a sample, the Navy would analyze an archived sample from two feet deeper and evaluate if they would overexcavate a grid size area around that sample an additional two feet deep.</p> <p>The final characterization data would be used to characterize the remaining sediment and evaluate need for further action.</p>
2	Response to Specific Comment 2	The response is incomplete. One additional sentence explaining what will occur if action levels are exceeded during air monitoring is necessary. Please explain what would occur if action levels are exceeded.	<p>Section 3.2 of the Air Monitoring Plan describes the actions to be taken if action levels are exceeded.</p> <p>For the Action Memorandum, the following text will be added: "If action levels are exceeded, the Navy will evaluate specific work practices as well as meteorological factors at the time of the exceedance to assist in mitigating the problem. Mitigation measures may include increasing dust control measures, upgrading PPE, or stopping work."</p>

Responses to Regulatory Agency Comments  
*Draft Action Memorandum Time-Critical Removal Action  
Installation Restoration Site 17, Construction Debris Piles  
Alameda Point, Alameda, California*  
dated March 2008

Comment No.	Comment Location	Comment	Response
	Reference		
<b><i>Action Memorandum—General Comments from Xuan-Mai Tran, U.S. Environmental Protection Agency Region 9</i></b>			
1	General	Removal action levels (RALs) should be provided in the Draft Action Memorandum, Time-Critical Removal Action [TCRA], Installation Restoration [IR] Site 17, Construction Debris Piles, Alameda Point, Alameda, California (the Action Memorandum) and the Draft Work Plan, Time-Critical Removal Action, Installation Restoration Site 17, Construction Debris Piles (the Work Plan) for each of the constituents detected above the EPA Region 9 industrial preliminary remediation goals (PRGs) and the appropriate ecological screening levels (ESLs). RALs were only provided for three constituents, cadmium, total polychlorinated biphenyls (PCBs) and total DDx. The IR Site 17 Record of Decision (ROD) specifically excludes the debris piles from the ROD. The source of the soil and construction debris, which was placed to attempt to form a beach, is different than the source of contamination for the Seaplane Lagoon sediments. Further, the ROD repeatedly states that the debris piles will be addressed in a separate action. The Action Memorandum text (page 1-3) states that underwater sediment will not be removed, so RALs are needed for soil, not sediment. Therefore it is not appropriate to base RALs for a soil removal that was specifically excluded from the IR Site 17 ROD solely on remediation goals (RGs) developed for sediment in the Seaplane Lagoon. RALs should be provided for arsenic, chromium, lead, the five polynuclear aromatic hydrocarbons (PAHs) and PCBs that exceed the industrial PRGs and for the 10 metals, three PAHs, 10 semi-volatile organic compounds (SVOCs), PCBs, and DDx that exceed ESLs. Once sediment is encountered, the ROD RGs also should be applied. Please provide RALs for all constituents that exceed the industrial PRGs or ESLs and revised each reference to the RALs to include the additional criteria.	<p>The primary purpose of the TCRA is the removal of Construction Debris Piles 1 and 2 from Seaplane Lagoon.</p> <p>The IR Site 17 ROD (Department of the Navy [DON], 2006) required that the debris piles be addressed. Because there is a potential for the debris to contaminate the natural lagoon deposits below the piles, sampling and analysis of chemicals of concern (COCs) found in the debris piles as well as those in the Seaplane Lagoon sediments will be performed following the excavation.</p> <p>Sampling will be performed to characterize the nature and extent of COCs in the natural lagoon deposits currently under the debris piles. Sample results will be screened against applicable benchmark values, presented in Table 1-2 of the Work Plan. The screening criteria presented in Table 1-2 includes human health benchmarks (PRGs for residential soil [EPA, 2004]) as well as ambient and ecological benchmarks that were provided in Table 5-1 of the IR Site 17 ROD (DON, 2006). The TCRA is an interim action. If necessary, the determination of final remedial action goals and any further action for the natural lagoon deposits below the debris piles would be performed by the Navy after completion of the TCRA when the data for the underlying material has been obtained and evaluated.</p>
<b><i>Action Memorandum—Specific Comments from Xuan-Mai Tran, U.S. Environmental Protection Agency Region 9</i></b>			
1	Section 2.2.1.2, IR Site 17 Investigation,	It is unclear how these investigations pertain to the debris piles that are the subject of this TCRA. Please provide a description of investigations pertinent to the construction debris piles and the TCRA.	Section 2.2.1.2 provides the history of previous investigations at Seaplane Lagoon, IR Site 17. Because the Construction Debris Piles are located on natural lagoon deposits formed from sediments in Seaplane Lagoon, the historical activities and investigations at IR

Comment No.	Comment Location	Comment	Response
	Reference		
	Pages 2-7 through 2-9		Site 17 are useful to provide the baseline for assumptions and actions to be performed in the TCRA. The IR Site 17 discussion has been condensed to focus on the investigations only.
2	Section 5.1.2, Soil Excavation, Pages 5-3 and 5-4	<p>The last two paragraphs on page 5-3 describe air sampling and dust monitoring activities that will be conducted; however, the text does not state what actions will be taken if air samples or dust monitoring results exceed the specified action levels. Please describe the actions to be taken if air samples or dust monitoring results exceed action levels.</p> <p>Additionally, air samples are to be analyzed for metals, but the action levels that the air sample results are to be compared to are not specified. Please provide metals action levels for air sample results.</p> <p>The last paragraph on page 5-2 states, "Areas that may allow for water to enter the excavation will be immediately backfilled." In the event that confirmation sample results indicate that additional excavation is required, please specify that the excavation bottom will be differentiated from the backfill.</p>	<p>Daily site activities are performed based on real-time measurements of PM<sub>10</sub>. The direct reading instrumentation sounds an alarm immediately if PM<sub>10</sub> exceeds the criterion established for the specific work area. If action levels are exceeded, additional water will be applied to suppress the dust. Use of water spray to control dust is very effective. Clarification will be provided in the Work Plan. Because the action levels for PM<sub>10</sub> have been set as such conservative levels (based on 0.05 milligrams per cubic meter concentration of lead for this project), the potential for metals at levels near the Occupational Safety and Health Permissible Exposure Level are not possible unless the dust contained at least 50 percent lead concentrations.</p> <p>Additional detail on air monitoring requirements is provided in the Air Monitoring Plan (Appendix B of the Work Plan).</p> <p>In response to U.S. Environmental Protection Agency specific comment number 7 backfilling may only be performed following complete debris removal in areas adjacent to the seawall, as necessary to protect the structural integrity of the seawall. The third paragraph of Section 5.1.2 has been deleted. Backfilling will be fully documented as described in Section 4.6 of the Work Plan.</p>
3	Table 1, Chemical Specific ARARs	The last two ARARs on page 1 would appear to be location-specific, rather than chemical-specific. Also, the sentence under "Comments" regarding the Fish and Wildlife Coordination Act is not clear.	<p>The last two ARARs on the first page of Table 1 have been moved to Table 2.</p> <p>The sentence under "Comments" regarding the Fish and Wildlife Coordination Act has been clarified as follows:</p> <p>"Substantive provisions are applicable if overexcavations into the beach are necessary."</p>
4	Table 3, Action-Specific ARARs	EPA does not consider the Federal Hazardous Materials Transportation Law or the CERCLA Off-Site Rule to be ARARs, as they apply to off-site activities rather than on-site. The Navy did not include these authorities in previous RODs involving off-site disposal, including the RODs for Site 17, OU1, and Site 28.	The Federal Hazardous Materials Transportation Law and the CERCLA Off-Site Rule have been removed from Table 2-3.

Comment No.	Comment Location	Comment	Response
	Reference		
<b><i>Action Memorandum—General Comments from Peter Russell, Alameda Reuse and Redevelopment Authority</i></b>			
		<p>Three aspects of this TCRA (time-critical removal action) should be revised:</p> <ul style="list-style-type: none"> <li>• No backfilling of the Seaplane Lagoon should occur after the debris has been removed.</li> <li>• Additional debris along the north bulkhead of the Seaplane Lagoon also should be removed.</li> <li>• After the debris has been removed, overexcavation in response to a contaminated verification sample should cover an area around that sample location that matches the verification sampling grid spacing.</li> </ul>	Please see response to specific comments below.
<b><i>Action Memorandum—Specific Comments from Peter Russell, Alameda Reuse and Redevelopment Authority</i></b>			
1	Section 5.1.5	<p>The <i>AM</i> and <i>Work Plan</i> specify that the area of debris removal will be backfilled with sand (<i>AM</i> Section 5.1.5, p. 5-4; <i>Work Plan</i> Section 4.6, p. 4-8). This task should be removed from the TCRA. The debris along the north wall of the Seaplane Lagoon was placed on top of the bottom of the lagoon. Accordingly, backfilling after removing the debris would be contrary to the Seaplane Lagoon's original design.</p> <p>Additionally, according to the Alameda Point Reuse Plan, future use of the Seaplane Lagoon includes a marina. Any sand backfilled as part of this project may be removed to build the marina.</p>	Acknowledged. Backfilling may only be performed following complete debris removal in areas necessary to protect the structural integrity of the seawall. Backfilling has been removed from AM Section 5.1.5. Backfilling activities have been deleted from Work Plan Section 4.6

Comment No.	Comment Location	Comment	Response
	Reference		
2	Remove the additional debris along the north bulkhead of the Seaplane Lagoon	<p>The scope of the TCRA includes removal of two debris piles along the north bulkhead of Seaplane Lagoon: Debris Pile 1 near Ramp 2 and Debris Pile 2 near Ramp 3. (<i>AM</i> Figures 4 and 5; <i>Work Plan</i> Figure 4-1) Debris Pile 1 contains contaminated soil:</p> <p>“Three test pits placed within the Pile 1 area to a depth of 6.5 feet revealed the presence of concrete, asphalt, bricks, metal, and plastic in the subsurface (<i>cite</i>). Results from soil samples taken in the debris pile contained concentrations of arsenic, chromium, lead, five PAH compounds and PCBs that exceeded the EPA Region 9 Industrial Preliminary Goals (PRGs). The EPA Ecological Screening Levels were exceeded for ten metals, three PAH compounds, ten SVOCs, PCBs, and DDX.” (Section 2.1.2, p. 2-2)</p> <p>Apparently, the soil contamination in Pile 1 is assumed to be present in Pile 2 too. Therefore, the project also includes excavation of Pile 2. However, other debris is present along the bulkhead. Some of this debris is shown on <i>AM</i> Figures 3 and 4 and labeled as “Shoreline” in places and “Concrete/Asphalt Riprap” in others. This debris also is present along portions of the bulkhead that are not shown on either of these figures.</p> <p>This additional debris appears similar to the material in Piles 1 and 2 and is likely of similar origin. Although, the TCRA documents label it “riprap”, it bears no semblance to riprap along the east and west sides of Seaplane Lagoon. Accordingly, the other debris along the north bulkhead of the Seaplane Lagoon should be presumed to have contaminant levels similar to that of Pile 1. The TCRA should be expanded to include excavation of this additional debris, unless further sampling and analysis demonstrates it not to be contaminated.</p>	<p>The Navy is currently planning to remove only the debris noted as Construction Debris Piles 1 and 2 as documented in the Work Plan. Removal of material located at the north bulkhead is currently not part of the scope of this removal action.</p> <p>However, a sample from two locations outside Construction Debris Piles 1 and 2 will be collected to further characterize the lagoon deposits along the seawall. The two samples outside of the debris areas will be analyzed for metals, PCBs, pesticides, SVOCs, VOCs, and TPH as gasoline, diesel, and motor oil and compared to screening levels to evaluate the need for additional excavation and disposal.</p>

Comment No.	Comment Location	Comment	Response
	Reference		
<b><i>Action Memorandum—General Comment from Dot Lofstrom, Department of Toxic Substances Control</i></b>			
1	General	<p>Overall, we found both documents [Action Memorandum and Work Plan] to be thoughtful and well-written. We have no comments to add to those provided by the U S Environmental Protection Agency (USEPA), other than to emphasize our shared concern, as described in USEPA's [Work Plan General] Comment 6, that the design for the containment structure for stockpiled soils should be more robust. We would also propose that confirmations sampling be complete after the stockpiled soil is removed, depending on the substrate beneath the containment structure.</p>	<p>As described in response to EPA Work Plan general comment number 6, Section 4.3.2 "Handling of Removed Material" of the Work Plan has been clarified as follows:</p> <p>"Plywood sheeting will be used underneath trucks backing into the lined area to place the initial loads. Once the initial loads have been placed in this manner, a Low Ground Pressure (LGP) dozer, which operates on rubber tires, will spread and maintain a minimum of two-foot-thick layer of sediment/soil above the liner. Trucks will then dump their loads from the ramp area without entering the lined area and the dozer will continue to spread the loads above the minimum two-foot-thick layer." The areas will be constantly monitored when being accessed during excavation activities to assure containment is working as designed.</p> <p>Stockpile liners and containment are required to be monitored weekly or in the case of a rain event. These inspections are documented on the "Stormwater Management Plan Inspection Checklist" and "BMPs for Alameda Installation Restoration Site 17, Alameda Point, Alameda, CA" found in Appendix A (SWPPP). To avoid potential release of material in the stockpile area, additional daily inspection of the stockpile containment has been added to the "Air Monitoring, Soil Excavation, Transportation, and Disposal Daily Quality Control Inspection Form" (Appendix C-Project Contractor Quality Assurance Plan).</p> <p>In addition, the substrate beneath the containment structure is concrete/asphalt and sampling of these matrices is not practical. Section 4.2 "Mobilization/Site Preparation" has been amended as follows: "Prior to start of mobilization, the future layout area will be inspected to document the conditions of the paved surface by taking notes and photographs of any damaged and stained areas. A similar inspection will be performed after demobilization."</p>
<b><i>Action Memorandum—General Comment from John West, Regional Water Quality Control Board</i></b>			
1	General	<p>The Water Board supports the EPA and DTSC comments on the Site 17 Debris Piles TCRA and has no additional comments.</p> <p style="text-align: center;">- Verbal Comment via voicemail to June Wheaton, BRAC PMO, on 15 April 2008</p>	Comment acknowledged.

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## ABBREVIATIONS AND ACRONYMS

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AM	Action Memorandum
ARAR	Applicable or Relevant and Appropriate Requirement
BERC	Berkeley Environmental Restoration Center
BMP	Best Management Practice
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CCR	California Code of Regulations
CFR	Code of Federal Regulations
COC	Chemical of Concern
CZMA	Coastal Zone Management Act
DON	United States Department of the Navy
DDD	4,4'-dichlorodiphenyldichloroethane
DDE	4,4'-dichlorodiphenyldichloroethylene
DDT	4,4'-dichlorodiphenyltrichloroethane
DDx	sum of DDE, DDD, and DDT
DTSC	Department of Toxic Substance Control
ENRTIX	ENTRIX, Inc.
EPA	United States Environmental Protection Agency
FS	feasibility study
GGAS	Golden Gate Audubon Society
IAS	Initial Assessment Study
IR	Installation Restoration
IRP	Installation Restoration Program
mg/kg	milligram per kilogram
mph	mile per hour
NAS	Naval Air Station
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PRG	Preliminary Remediation Goal
PRP	potentially responsible party

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## ABBREVIATIONS AND ACRONYMS (Continued)

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RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
ROD	Record of Decision
ROICC	Resident Officer in Charge of Construction
RPM	Remedial Project Manager
SVOCs	Semivolatile Organic Compounds
SWPPP	Stormwater Pollution Prevention Plan
TAT	turnaround time
TBD	to be determined
TCRA	time-critical removal action
TPH	total petroleum hydrocarbon
U.S.C.	United States Code
VOCs	volatile organic compounds
Water Board	Regional Water Quality Control Board, San Francisco Bay Region

## **Action Memorandum:**

Time-Critical Removal Action for Installation Restoration Site 17, Construction Debris Piles, Seaplane Lagoon, Alameda Point, Alameda, California

Site Status: National Priorities List  
Removal Category: Time-Critical Removal Action  
CERCLIS ID: CA2170023236  
Site ID: Installation Restoration Site 17  
Date: September 11, 2008

### **1. PURPOSE**

This Action Memorandum (AM) documents the Department of the Navy's (DON's) decision to undertake a Time-Critical Removal Action (TCRA) at the Construction Debris Piles at the Seaplane Lagoon, Installation Restoration (IR) Site 17, Alameda Point, Alameda, California (Figure 1.) The Seaplane Lagoon shown in Figure 2 was created in the southern side of Alameda Point by dredging a tidal flat area of 110 acres to a depth of 20 feet. Seawalls were built along the eastern, western, and southern boundaries and a sheet pile wall was installed at the northern edge. Four evenly spaced ramps are found along the north shore. Two construction debris piles are located on the beach along the shoreline of the Seaplane Lagoon (Figures 3 and 4). An investigation of the debris piles performed by Battelle reported metals, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), semivolatile organic compounds (SVOCs), and pesticides in excess of the human health or ecological screening criteria. Based on sample results from this investigation, further investigation or a response action was recommended (Battelle, 2006). The goal of this TCRA is to remove construction debris piles in order to reduce potential hazards associated with construction debris at the edge of the Seaplane Lagoon.

The United States Department of Defense has the authority to undertake Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) responses, including

removal actions, under 42 United States Code (U.S.C.) Section (§) 9604, 10 U.S.C. §2705, and Federal Executive Order 12580, as amended. The TCRA will be conducted under CERCLA program guidelines. This removal action constitutes a “time-critical removal action” as defined in U.S. Environmental Protection Agency (EPA) Office of Solid Waste and Emergency Response Directive 9318.0-05, and is being implemented as provided in Title 40 of the Code of Federal Regulations (CFR) Section 300.415 and is deemed consistent with the factors set forth within the National Oil and Hazardous Substance Pollution Contingency Plan (NCP), 40CFR Part 300.

The goal of this TCRA is to remove Construction Debris Piles 1 and 2 from IR Site 17. Remedial Action for sediment will be initiated at the Seaplane Lagoon after the debris piles are excavated. Regulatory agencies agreed that the construction debris piles should be removed before remediation on the lagoon sediments can begin (DON, 2006).

Following the removal action, characterization sampling for metals, PCBs, pesticides, and SVOCs will be performed. Samples will be analyzed for total petroleum hydrocarbons (TPH), as gasoline, diesel, and motor oil in areas that have apparent staining. Areas that have petroleum odors in addition to staining will also be sampled for volatile organic compounds (VOCs). Characterization sample results will be screened against either the highest of the Effects Range-Low values (Long and others, 1995; Long and Morgan, 1991) or the San Francisco Bay Area ambient values (Water Board, 1998; Battelle and others, 2004, and EPA 2004a) as presented in Table 5-1 of the IR Site 17 ROD (DON, 2006). To fully evaluate other contaminants detected in the debris piles, the EPA Regional Screening Levels for residential soil (EPA, 2008) will be used as further screening criteria.

The removed material will be segregated, profiled and properly disposed of based on the profiling results.

An evaluation performed at IR Site 17 in October 2007 by Weston Solutions, Inc. provided the following measurements for the Construction Debris Piles:

- Pile 1—At low tide measuring approximately 340 feet long, 100 feet wide and 6.5 feet above the water surface; the volume is estimated at 8,185 bank cubic yards.

- Pile 2—At low tide measuring approximately 115 feet long, up to 100 feet wide, and 5 feet above the water surface on the west side of Ramp 3 plus another 100 feet long, 65 feet wide, and 6 feet above the water surface on the east side of Ramp 3. The volume is estimated at 3,575 bank cubic yards.

The total footprint area of the debris piles excluding the riprap area is 52,000 square feet and the total estimated volume of this material is 11,760 bank cubic yards. The piles are situated on a dry beach outside the concrete seawall.

This removal action includes the two debris piles shown in Figures 3 and 4 and, potentially, underlying and adjacent fine materials. This TCRA may include removal of underwater debris and sediment, as required to remove the full extent of the debris piles.

## **2. SITE CONDITIONS AND BACKGROUND**

This section describes the debris piles' location, history and background, summarizes physical characteristics and past releases, and provides brief descriptions of the site regulatory status and current/previous actions.

### **2.1 SITE DESCRIPTION**

This section describes the locations and characteristics of the debris piles at IR Site 17.

#### **2.1.1 Physical Location**

Alameda Point is located at the west end of the City of Alameda in Alameda County, California, adjacent to the City of Oakland, California. IR Site 17 is one of 35 IR sites at former Naval Air Station (NAS) Alameda, now referred to as Alameda Point. NAS Alameda was identified for closure in 1993 and all naval operations ceased in 1997. Alameda Point was placed on the National Priorities List (NPL) and is undergoing cleanup under CERCLA.

The debris piles are located at the northern side of the Seaplane Lagoon at IR Site 17. The Seaplane Lagoon shown in Figure 2 was created in the southern side of Alameda Point by dredging a tidal flat area of 110 acres to a depth of 20 feet. Seawalls were built along the eastern, western, and southern boundaries and a sheet pile wall was installed at the northern edge. Four evenly spaced ramps are found along the north shore. The entrance to the lagoon is an 800-foot opening on the west side of the breakwater. A geotechnical sampling and bathymetric survey conducted in 2006 documented present conditions at the Seaplane Lagoon (Fugro, 2007).

Tides in the Seaplane Lagoon range from approximately -1 to +8 feet mean lower low water. Tidal currents are fastest in the entrance to the lagoon and are expected to be much lower in its interior. The lagoon is mainly protected from large wind-generated waves because it is enclosed by land on three sides and the fourth side contains a series of breakwaters. There is minimal freshwater inflow to lagoon from Alameda Point with the exception of stormwater runoff from outfalls during storms. Water from the lagoon is not used for any domestic purposes.

The climate at Alameda Point is representative of the marine zone of the San Francisco Bay Area. The prevailing wind direction is westerly with a 57 percent frequency of wind from the northwest-southwest sector. The average speed in this sector is 9 miles per hour (mph). Winds less than 5 mph occur 30 percent of the time. Average high temperatures in summer reach 75 degrees Fahrenheit and average low temperatures in winter reach 45 degrees Fahrenheit. Precipitation averages about 20 inches per year.

### **2.1.2 Site Characteristics**

Two construction debris piles were placed along the northern shoreline of Seaplane Lagoon between 1968 and 1969. An aerial photograph taken in 1968 shows the small beach along the shoreline of the lagoon with no signs of the debris piles. The debris piles are first visible in an aerial photograph taken in 1969. The reason for the construction debris placement at the lagoon is not known. Figures 3 and 4 delineate the contours of each of the two debris piles. The piles are situated on a dry beach outside the concrete seawall.

Three test pits placed within the Pile 1 area to a depth of 6.5 feet revealed the presence of concrete, asphalt, bricks, metal, and plastic in the subsurface (Battelle, 2006). Results from soil samples taken in the debris pile contained the concentrations of arsenic, chromium, lead, five PAH compounds and PCBs that exceeded the EPA Region 9 Preliminary Remediation Goals (PRGs) (EPA, 2004b). The EPA Region 5 Ecological Screening Levels (Long and others, 1995) were exceeded for ten metals, three PAH compounds, ten SVOCs, PCBs and DDX, which is the sum of 4,4'-dichlorodiphenyldichloroethane, 4,4'-dichlorodiphenyldichloroethene, and 4,4'-dichlorodiphenyltrichloroethane. Eight of the ten metals above the ecological screening level were also above the background values (Battelle, 2006).

### **2.1.3 Ecology**

The debris piles are composed of concrete, asphalt, brick, metal, and plastic; as such they do not provide a viable ecological habitat. Plant life at the debris piles consists mainly of ice plant and grasses. A few pickleweed plants are found on the very edges of Debris Pile 1.

The debris piles are on the northern shoreline of Seaplane Lagoon, adjacent to the San Francisco Bay, which provides an extensive ecological habitat. While an ecological assessment has not

been performed for IR Site 17 or the debris piles, an ecological assessment was performed at Alameda Point that described the composition of the biotic community in and around the lagoon (PRC Environmental Management, Inc., 1994). Other habitat assessments from nearby areas, including the Port of Oakland (Golden Gate Audubon Society [GGAS], 1994; ENTRIX, Inc. [ENTRIX], 1997), were also reviewed to provide additional ecological characterization information that might be relevant at Alameda Point sediment communities. The invertebrate community predominantly consists of mollusks, which comprise around 75 percent of the benthic biota found at historical monitoring stations. The three species responsible for these high numbers and biomass were the clams *Gemma gemma*, *Musculista senhousia*, and *Theora fragilis*. Based on the physical characteristics and the proximity of Alameda Point to the Oakland estuary, fish species present in the lagoon are likely to include various flatfish, surfperch, gobies, sculpin, silversides, pipefish, white croaker, sharks, and rays. Northern anchovies (*Engraulis mordax*) occur year-round and serve as an important food source for salmon, jacksmelt, pelicans, terns, and grebes. Pacific herring are also an important forage food. Herring enter the San Francisco estuary in the winter and early spring to spawn, particularly in rocky areas, along aquatic vegetative covered substrates, on pilings, and along sandy beaches. Surfperch also occur in the area, generally feeding on small crustaceans, mollusks, and polychaete worms. Among the surfperch species are shiner (*Cymatogaster aggregate*) and pile (*Damalichthy vacca*) (ENTRIX, 1997). In shallow subtidal areas sampled in the Oakland estuary in the spring, summer, and fall of 1997, English sole, starry flounder, Bay goby, Northern anchovy, and shiner perch were the dominant species (ENTRIX, 1997).

In bird surveys conducted in the Central Bay area in 1997 by ENTRIX and the Biological Field Service, a total of 43 bird taxa was sighted in winter, mostly over open water, and included various diving ducks and grebes. The endangered California least terns (*Sterna antillarum browni*) were not seen in the winter surveys, most likely because the surveys ended in April, before this migratory species is generally seen in the San Francisco Bay (ENTRIX, 1997). Twenty-seven bird taxa were observed during the summer, including western gull (*Larus occidentalis*), western sandpiper (*Calidris mauri*), double-crested cormorant (*Phalacrocorax auritus*), and least tern (ENTRIX, 1997).

Based on historical observations and known activity patterns for marine mammals in San Francisco Bay (GGAS, 1994), it is possible that both California sea lions (*Zalophus californicus californianus*) and harbor seals (*Phoca vitulina*) forage in the vicinity of Alameda Point. Although the presence of these species has not been documented, harbor seal foraging activities and haulouts have been observed along and near the breakwaters along the southern side of Alameda Point. However, available radiotelemetry data for seals in San Francisco Bay suggest that none of the seven discrete feeding stations typically frequented by seals within the bay is in the immediate vicinity of Alameda Point (Harvey and Torok, 1994).

Special status species (including species that are identified as threatened or endangered) known to occur in the Central Bay area include winter-run Chinook salmon (*Oncorhynchus tshawytscha*), central California steelhead (*Oncorhynchus mykiss*), double-crested cormorant, California least tern, California brown pelican (*Pelecanus occidentalis californicus*), western snowy plover (*Charadrius alexandrinus nivosus*), American peregrine falcon (*Falco peregrinus anatum*), California sea lion, and harbor seal (ENTRIX, 1997). None of these species is known to nest or breed in IR Site 17, including the debris piles, although several species are known to use adjacent areas for nesting and/or forage activities.

#### **2.1.4 Release or Threatened Release into the Environment of a Hazardous Substance or Pollutant or Contaminant**

Potential migration pathways for soil contamination within the debris piles include surface erosion by wind or water and tidal action, and subsequent deposition in Seaplane Lagoon and/or San Francisco Bay. The 2006 Technical Memorandum prepared for the debris piles concluded that "Comparison of soil concentrations to available risk-based soil benchmark values indicates that soils within the debris pile pose a potential threat to human health and the environment in both surface samples and in samples at depths" (Battelle, 2006). The IR Site 17 ROD further indicated that the debris piles would be addressed prior to the Seaplane Lagoon sediment remedial action (DON, 2006).

## **2.1.5 National Priorities List Status**

The NPL is a list, developed by U.S. EPA, of hazardous waste sites nationwide that pose the greatest risks to public health, and therefore warrant priority responses under CERCLA. Alameda Point was placed on the NPL on July 22, 1999 (64 Federal Register 140, 39878-39885, Final Rule, July 22, 1999).

## **2.2 OTHER ACTIONS TO DATE**

### **2.2.1 Previous Actions**

One previous investigation was conducted for the debris piles in 2006 (Battelle, 2006). In addition, a bathymetric investigation was conducted in the lagoon, which produced relevant information for this project (Fugro, 2007). A remedial investigation (RI), feasibility study (FS), and ROD have been prepared for IR Site 17; however, these investigations did not specifically include the debris piles.

This section presents an overview of the various environmental investigations and programs that have addressed issues at or near the debris piles included in this AM.

#### **2.2.1.1 Debris Piles**

##### **Technical Memorandum—2006**

The DON conducted an investigation of Pile 1 in 2006 to determine whether materials within the piles were contaminated with chemicals that could pose a human or ecological risk (Battelle, 2006). Three test pits placed within the Pile 1 area to a depth of 6.5 feet revealed the presence of concrete, asphalt, bricks, metal, and plastic in the subsurface. Soil samples collected from the test pits were analyzed for VOCs, SVOCs, TPH, PCBs, pesticides, metals, and tributyltin. Sample analysis results were compared to the following benchmarks:

- EPA Region 9 PRGs for industrial soil
- EPA Region 5 Ecological Soil Screening Document
- Background soil concentrations for Alameda Point

The comparison showed that chemicals, such as metals, PAHs, PCBs, pesticides, and certain SVOCs in surface and subsurface soil within the debris pose a potential threat to human health and the environment. Specifically, arsenic, chromium, lead, five PAH compounds and PCBs exceeded the PRGs. Ecological benchmarks were exceeded for ten metals (eight were also above background levels), three PAH compounds, ten SVOCs, PCBs and DDX. It was also noted that the southern edge of Pile 1 is subject to erosion from tidal action potentially transporting materials into the lagoon. The Technical Memorandum (Battelle, 2006) documenting the investigation recommended further investigation or a response action for the Construction Debris Piles.

### **2.2.1.2 IR Site 17 Investigations**

Environmental investigation and remedial activities associated with the site are implemented under an installation-wide environmental Installation Restoration Program (IRP). In 1983, an Initial Assessment Study (IAS) was performed to assess the entire NAS for areas where further investigation was warranted (Naval Energy and Environmental Support Activity, 1983).

Under the IRP, several investigations were performed from 1993 through 1998. Following is a summary of environmental investigations performed at IR Site 17 under the IRP.

<b><u>Date</u></b>	<b><u>Investigation/Activity</u></b>	<b><u>Objective</u></b>	<b><u>Summary of Findings</u></b>
1993/ 1994	As part of preliminary sampling for the RI, seven surface sediment grab samples from IR Site 17 (S01 to S07) and one reference sample from San Pablo Bay were collected and analyzed for total metals, SVOCs, pesticides, total PCBs, total organic carbon (TOC), gross alpha and beta radiation. Bioaccumulation and/or toxicity tests were also conducted.	Designed to identify ecological impacts on biota within the lagoon.	Identified elevated levels of metals, PAHs, and total PCBs. Concluded that a potential relationship between observed toxicity and sediment chemistry might exist. Also concluded that additional chemistry and bioaccumulation data was required.

<u>Date</u>	<u>Investigation/Activity</u>	<u>Objective</u>	<u>Summary of Findings</u>
1996	Additional 45 subsurface cores collected throughout the lagoon (SPL01 to SPL45) and analyzed for total metals, SVOCs, VOCs, sulfides, pesticides, total PCBs, TOC. Twenty-four of the stations were analyzed for radiological contamination.	Designed in response to the data needs identified in 1993/1994 to provide the additional chemical/physical information. Data collected in transects moving diagonally away from the northern corners of the Lagoon. Provided initial radiological evaluation.	Indicated that concentrations of radiological constituents were low throughout the lagoon. Provided confirmatory evidence that chemical concentrations decrease with increasing distance from the corners.
1998	Ten surface sediment grabs were collected (SP-1 to SP10) and analyzed for metals, SVOCs, total PCBs, pesticides, organotins, TPH. Numerous toxicity tests also conducted.	To further investigate the relationship between sediment chemistry and ecological effects. Focusing on areas identified as having high concentrations of contaminants.	Polychaete tests were not acutely toxic. Toxicity was observed in the amphipod tests; however, survival at the reference was also low, indicating potential confounding factors.
1999	Thirteen samples collected by the Berkeley Environmental Restoration Center (BERC). Of these, 8 were evaluated in the RI (SC2 to SC4, C1 to C3 and two grab samples). Metals, total PCBs, and PAHs were evaluated.	To evaluate the physical, chemical, and biological conditions of the stormwater outfalls.	Results support evidence from other studies that the northeast corner contains elevated metals concentrations.
2001	Forage fish collected at six equally sized areas within the lagoon and at two reference locations within San Francisco Bay. Fish analyzed for metals, total PCBs, PAHs, pesticides, and butyltins.	To determine chemical burdens in fish tissue to evaluate the risks to fish and refine the dose estimates for assessing risks to piscivorous birds associated with sediment exposures.	Results indicated that several chemicals were bioaccumulating to greater levels in fish from IR Site 17 than at the reference areas. Highest concentrations observed near outfalls.

<u>Date</u>	<u>Investigation/Activity</u>	<u>Objective</u>	<u>Summary of Findings</u>
2002	Subsurface cores collected from 20 locations (BERC1 to BERC19) and analyzed for total PCBs, PAHs, pesticides, and butyltins.	To update the current understanding of the spatial distribution of key contaminants, to fill data gaps and to investigate depositional history within the lagoon using chemical and radiological indicators such as Radium-226.	Results are incorporated into the RI and FS investigations.
2002	A supplemental amphipod test was conducted using sediments from eight locations (SEA11, SEA12, SP02, SP03, SP04, SP07, SP08, and SP09). Samples were also evaluated for total PCBs, PAHs, pesticides, butyltins, metals, grain-size distribution, and total organic carbon.	To reduce uncertainties associated with the historical amphipod bioassays conducted in 1993/1994 and 1998.	Supported the conclusion that the historical bioassays likely overpredicted toxicity to benthic invertebrates.
2004	Remedial Investigation Report	To present the combined historical sediment and tissue data, to present the approach and results of the human health and ecological risk assessments, and to develop proposed PRGs that are protective of human health and the environment.	Cadmium, chromium, lead, PCBs, and DDX were identified as the primary risk drivers for upper trophic level receptors through food chain modeling. Cadmium was found to be potentially toxic to forage fish. PRGs for cadmium, DDX, and PCBs are proposed for the protection of benthic feeding and piscivorous birds and forage fish. These ecological PRGs were acceptable for reducing human health exposures.
2005	Feasibility Study Report	To summarize the conditions of Seaplane Lagoon as they relate to the presence of contamination in offshore sediments, and to assemble, screen, and thoroughly evaluate remedial alternatives to address the contamination.	Three remedial alternatives are the most appropriate and suitable for Seaplane Lagoon, including isolation capping, dredging within remediation areas to a uniform and conservative depth, and focused dredging to remove only sediment over the remediation goals.

<u>Date</u>	<u>Investigation/Activity</u>	<u>Objective</u>	<u>Summary of Findings</u>
2006	Record of Decision	To present the selected remedy for cleanup of contaminated sediments.	A remedial action is necessary to protect public health and the environment from actual or threatened releases of pollutants or contaminants in sediments. The selected remedial action involves dredging within remediation areas to a uniform and conservative depth.
2007	Geotechnical and bathymetric study was conducted on December 5, 2006 to obtain information necessary for the remediation of sediments at Seaplane Lagoon.	To provide general and specific information for determining the extent of shoaling in the northeast and northwest corners of the lagoon.	Borings inboard of the seawalls were taken at five locations around the lagoon, including two borings adjacent to the debris piles that are on the lagoon side of the seawall. Logs from these two borings showed fine sand with silt from the surface to 15 feet and 9 feet below ground surface. At present, the lagoon reaches the depth of 20 feet in some locations; it is much shallower at the seawalls. Complete results will be used for the upcoming sediment remediation in the northeast and northwest corners of the lagoon.

## **2.2.2 Current Actions**

There are no current investigations or removal actions being conducted at the debris piles. A ROD was issued for sediments in the Seaplane Lagoon in October 2006. The ROD stated that the IR Site 17 debris piles would be addressed separately prior to the beginning of IR Site 17 sediment remediation (DON, 2006).

## **2.3 STATE AND LOCAL AUTHORITIES' ROLES**

### **2.3.1 State and Local Actions to Date**

The DON is the lead federal agency for this TCRA. EPA and the Department of Toxic Substances Control (DTSC) have actively participated in investigations at Alameda Point. The EPA is the lead regulatory agency with state regulatory oversight provided by DTSC, Regional Water Quality Control Board - San Francisco Bay Region (Water Board), and the United States

Fish and Wildlife Service providing guidance regarding sensitive species issues for IR Site 17. Note that no sensitive species have been identified for the debris piles.

### **2.3.2 Potential for Continued Regulatory Agency Response**

Regulatory agencies including EPA, DTSC, and the Water Board will continue to provide input through review of documents a participation in the Base Realignment and Closure (BRAC) Cleanup Team.

### **3. THREATS TO PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT**

In accordance with the NCP, the following threats must be considered in determining the appropriateness of a removal action (40 CFR § 300.415[b][2]):

- Actual or potential exposure to hazardous substances or pollutants or contaminants by nearby populations, animals, or food chains.
- Actual or potential contamination of drinking water supplies or sensitive ecosystems.
- Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.
- High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface that may migrate.
- Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.
- Threat of fire or explosion.
- The availability of other appropriate federal or state response mechanisms to respond to the release; and
- Other situations or factors that may pose threats to public health or welfare or the environment.

In accordance with the NCP, this section considers the factors that may impact the public health or welfare or the environment in determining the appropriateness of a removal action.

Potential risks to human health and the environment posed by Chemicals of Concern (COCs) at the debris piles at IR Site 17 are discussed in this section.

### **3.1 THREATS TO PUBLIC HEALTH OR WELFARE**

Threats to the public welfare exist from the debris piles in that there is:

- Actual or potential exposure to nearby human populations animals or the food chain from hazardous substances
- Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released

Comparison of analytical results taken from the debris piles showed that chemicals, including metals, PAHs, PCBs, and certain SVOCs in surface and subsurface soil within the debris posed a potential threat to human health (Battelle, 2006).

### **3.2 THREATS TO ENVIRONMENT**

Environmental threats include those listed above for human health in addition to actual or potential contamination of sensitive ecosystems. Comparison of analytical results taken from the debris piles showed that ecological benchmarks were exceeded for ten metals, three PAH compounds, ten SVOCs, PCBs and DDx (Battelle, 2006).

#### **4. ENDANGERMENT DETERMINATION**

Assessments of threats are summarized in Section 3 and other information contained in documents prepared for previous investigations as presented in Section 2.2.

Actual or threatened releases of chemicals of concern from the debris piles, if not addressed by implementing the response action selected in this AM, may present an imminent and substantial endangerment to public health, welfare, or the environment. The DON is planning to conduct the TCRA to eliminate this threat.

## **5. PROPOSED ACTIONS AND ESTIMATED COSTS**

### **5.1 PROPOSED ACTION DESCRIPTION**

This section provides a description of the proposed removal action and estimated costs for this TCRA. The proposed action includes the following tasks:

- Excavate approximately 8,185 bank cubic yards of debris identified as Debris Pile 1 and 3,575 bank cubic yards of debris identified as Debris Pile 2.
- Collect characterization samples.

A discussion of applicable or relevant and appropriate requirements (ARARs) and the proposed project schedule are also included. The debris will be excavated, and sent for off-site disposal based on the results of waste profiling. Concrete, asphalt, and metal debris will be recycled when feasible.

#### **5.1.1 Site Preparation**

Equipment and personnel will be mobilized to the site via the paved access road to the debris piles at IR Site 17. The Navy will prepare the site support zone, decontamination zone and stockpile areas. The exclusion area will be established using temporary plastic fencing. Utility clearance procedures will be followed before work begins.

Access to the site will be limited to authorized personnel. On the first day of field work, the Site Superintendent will make sure that all field personnel are familiar with and obey regulations including safety, fire, traffic, and security. An employee parking area will be clearly delineated in the vicinity of the laydown area. Additional fencing will be placed as necessary to secure the site.

A designated laydown area will be delineated with barricades and caution tape. Concrete debris, asphalt, and contaminated soil will be segregated, to the extent possible, within the laydown area to allow material to be recycled and/or reused.

An evaluation will be performed during site mobilization to determine whether crane mats are necessary to reduce bearing loads near the seawall or provide for stability if the equipment must be moved to the beach area during the removal action. In addition, a visual evaluation will be performed on the construction details and integrity of the seawall when moving debris by the seawall and supporting struts. The objective of the evaluation will be to confirm assumptions or refine the approach to ensure that the work can be completed as planned near the seawall with no adverse impacts to the wall or supporting struts.

### **5.1.2 Soil Excavation**

The excavation will remove all visible debris within the project work area as shown in Figures 3 and 4. A floating silt curtain (turbidity barrier) will be placed in the lagoon adjacent to the excavation activities before debris removal begins. The curtain will be placed in a semicircle or “U” configuration with the ends of the curtain anchored at the curtain bottom and onshore around the area to be removed. The curtain will be moved as necessary along the shoreline to provide a barrier for the active excavation area. Removal at the southernmost edge of Debris Pile 1 will be performed during low tide to facilitate removal and limit suspended sediment.

Visible debris, defined as 60 millimeters or larger in size (40 CFR 268.2), will be excavated using a long-reach excavator in 50-foot wide strips along the waterline, parallel to the seawall. Debris mixed with underlying material at the water’s edge will be excavated first at low tide. An excavator with thumb attachment will be used to remove larger debris items that the long-reach excavator attachment cannot handle. Excavators will be placed on crane mats, where necessary, to perform the work near the shoreline. Wet material from below the water line will be placed on top of the debris pile closer to the seawall to allow shoreline debris and mixed underlying material to dry. Excavation will continue at the water’s edge at low-tide as long as visible debris can be removed.

Excavation activities along the seawall will be performed in coordination with a civil professional engineering licensed in the State of California. If necessary, a support system will be installed along the seawall to allow for complete debris removal.

If water is encountered in an excavation that prevents debris from being removed, the activities will cease in that area and dewatering activities will be performed. Additional debris removal will be performed after dewatering activities or at low tide in any area if the visible debris is not removed before reaching the soil-water interface.

Visible dust will be prevented in the work area using a water spray during excavation activities. Dust control will be provided using a 2,000 gallon water truck that will continually monitor the excavation area.

Controls that will be implemented during excavation activities to minimize environmental releases and to protect worker and nearby resident safety include the following:

- Using appropriate dust control measures to prevent visible dust in the work area
- Establishing equipment decontamination areas, as necessary, to prevent off-site migration of contaminants
- Following appropriate health and safety precautions

Prior to start of soil-moving activities, upwind and downwind air sampling will be conducted to establish the site background for nuisance dust as real-time measurements of particulate matter less than 10 microns in diameter and for airborne metals. Particulate matter will be monitored in real-time using direct reading instruments capable of data logging no less than every ten minutes. Data will be collected over an 8-hour period.

During soil-moving activities, daily samples will be collected at one of the downwind air monitoring stations. One daily sample a week will be analyzed for metals. The remaining daily samples will be stored and may be analyzed later, if necessary. A downwind station and an upwind station will be used for monitoring particulate matter in the air during soil-moving activities. Personal air monitoring for particulate matter will also be conducted inside the equipment cabs. The project action level for particulate matter is 1.5 milligrams per cubic meter for general site activities and 0.4 milligrams per cubic meter inside heavy equipment. If action levels are exceeded, the Navy will evaluate specific work practices as well as meteorological factors at the time of the exceedance to assist in mitigating the problem. Mitigation measures may include increasing dust control measures, upgrading PPE, or stopping work.

### **5.1.3 Characterization Sampling**

Once the visible debris and associated soil has been removed, a 50-foot grid will be overlaid on the excavated areas of Debris Pile 1 and a 35-foot grid will be overlaid on the excavated areas of Debris Pile 2. A total of 82 characterization samples will be collected from 41 locations. Each location will be sampled at the excavation surface and at two feet below the excavation surface. Additional excavation may be performed based on a review of analytical results by DON and the regulatory agencies.

In addition to excavation characterization samples, a characterization sample from two locations outside debris area 1 and 2 will be collected to further characterize the material (primarily sediment and sand) along the seawall. One sample of the material will be collected from above the water line at low tide in an area not covered by riprap and another sample will be collected from material that happens to be covered by riprap. The additional characterization samples will be analyzed for metals, PCBs, pesticides, SVOCs, VOCs, and TPH as gasoline, diesel, and motor oil.

### **5.1.4 Loading, Transport, and Disposal**

Clean concrete may be transported to a location at Alameda Point as directed by the DON for use as riprap; the balance will be recycled. All asphalt will be recycled. Stockpiled soil will be disposed offsite based on waste profiling results. Visibly clean and debris-containing soil will be segregated into 500-cubic-yard stockpiles and profiled separately to ensure appropriate disposal.

### **5.1.5 Post-Removal Activities**

Once field work has been completed, a Removal Action Closeout Report will be prepared documenting the TCRA.

## **5.2 CONTRIBUTION TO REMEDIAL PERFORMANCE**

The removal of the debris piles from the Seaplane Lagoon reduces the potential risks to human health and the environment. The removal action is consistent with the final action for IR Site 17 and takes into account the Alameda Reuse and Redevelopment Authority's reuse plan for the site.

This TCRA is limited to the debris piles as well as underlying and adjacent fine materials. Characterization sampling and analysis will be performed to identify if the debris piles have potentially contaminated the underlying and adjacent fine materials as well as to assist in any further actions should they become necessary.

### **5.3 COMPARISON OF REMOVAL ACTION ALTERNATIVES**

Removal action alternatives developed for this TCRA include:

- Alternative 1—No action
- Alternative 2—Excavation, reuse/recycling of concrete, recycling of asphalt, and off-site disposal
- Alternative 3—In-place consolidation and containment

The three criteria of effectiveness, implementability, and cost were used to evaluate the alternatives proposed in this AM.

#### **Effectiveness**

The criterion of effectiveness addresses how well the alternatives meet the objectives described above. Three general factors were considered in evaluating the effectiveness of the removal action: 1) overall protection of human health and the environment, 2) short-term effectiveness, and 3) long-term effectiveness and permanence.

#### **Implementability**

This criterion addresses the technical and administrative feasibility of implementing the removal action. Items evaluated include the availability of services and materials required during implementation of the action, the institutional or social concerns that could preclude the action, and state and community concerns that could affect implementation. The following factors were considered.

- Technical feasibility: the ease or difficulty of implementing the alternative and the reliability of the technology

- Administrative feasibility: activities, such as obtaining waivers or permits, requiring coordination with other offices and agencies

## **Cost**

This criterion is concerned with the estimated costs of the alternative and is based on previous removal actions for soils. Operation costs were not considered in the cost evaluation since removal actions will be performed in less than a year.

### **5.3.1 Evaluation of Alternative 1—No Action**

In this alternative, no actions are performed. This alternative provides a baseline for comparing all other alternatives.

## **Effectiveness**

The No Action alternative does not address the potential threat to human health and the environment.

## **Implementability**

This alternative is easy to implement because no action is taken.

## **Cost**

The No Action alternative does not incur any immediate cost.

### **5.3.2 Evaluation of Alternative 2—Excavation, Recycling/Reuse and Off-Site Disposal Alternative (Selected Alternative)**

This alternative includes removal of the two debris piles and characterization sampling of the underlying fine materials. The removed material will be separated by type (concrete, asphalt, soil and debris) and tested to determine final disposition. Concrete suitable for riprap may be reused by the DON. Other concrete and asphalt will be sent for recycling. Soil and debris will be disposed of off-site in an appropriately permitted hazardous or non-hazardous landfill.

## **Effectiveness**

Removal of the debris piles provides the highest degree of protection for human health and the environment by removing these materials from Seaplane Lagoon. The removal can be accomplished in a relatively short time frame of approximately six weeks. Removal and recycling and/or reuse of concrete and asphalt, and off-site disposal of remaining material provide a long-term permanent solution that will meet the removal action objective for this TCRA.

## **Implementability**

The debris located in discrete piles at the edge of the Seaplane Lagoon is accessible using standard construction equipment. Care in working close to the water is required and can be accomplished using standard construction techniques along with use of a turbidity barrier. CERCLA actions do not require permits and consistency determinations and notifications are easily implementable.

## **Cost**

Unit costs for labor, mobilization, excavation, segregation and profiling material, and disposal for hazardous and non-hazardous material are reasonable. The estimated cost for the selected alternative is \$2,834,000. Project costs are discussed in more detail in Section 5.6 of this AM.

### **5.3.3 Evaluation of Alternative 3—In-Place Containment**

This alternative includes consolidating the two debris piles into one pile, leaving the consolidated pile in-place, and constructing a containment structure around the pile to eliminate direct contact with the debris and to eliminate the pathway for any contaminants from reaching the lagoon sediments.

To complete this alternative, approximately 3,575 cubic yards of debris would be excavated from Debris Pile 2 and consolidated with the larger 8,185 cubic yards from Debris Pile 1. The overall height of the Debris Pile 1 is expected to rise approximately 1.9 feet over the existing height after considering expansion of the material during transportation and settlement due to the new surcharge of soil.

After consolidation, a containment structure would be constructed around the entire pile. A riprap wall approximately 500 feet long would border the west, south, and east sides of the pile facing the lagoon. This riprap wall of sufficient size would prevent displacement from the largest expected waves and would offer the advantage of not being susceptible to differential settlement. The wall would have a minimum riprap stone size of 9 inches, a maximum size of 27 inches with the average of 18 inches in diameter. The thickness of the wall would be at least 30 inches and it would be sloped at 2:1 to the existing ground surface where a 2-foot-deep toe would be installed. The riprap wall would have a geotextile filter fabric liner for additional soil stabilization.

On the north side of the pile, a concrete retaining wall would be necessary to accommodate the additional height and ensure sufficient containment on all sides. The wall would be constructed of reinforced concrete and would be 6 inches thick, 3 feet high, and 100 feet long.

To create an overall containment system, the geotextile filter fabric would be combined with a high density polyethylene cap to prevent the contaminants from entering the sand or lagoon water. To prevent rain water from entering the debris pile, the cap would be extended over the extents of debris and then covered with a layer of imported sand and riprap as necessary to protect and anchor the liner.

### **Effectiveness**

The contained debris and associated contaminants would be left in-place and the containment structure would require long-term monitoring and maintenance to ensure the containment remains effective. The time to implement this alternative would be longer than for Alternative 2 because of the engineering required to design an effective containment. Long-term effectiveness would be dependant on the quality of the long-term maintenance of the containment.

### **Implementability**

This alternative would require administrative constraints in perpetuity and restrictions on use of the property to ensure the containment structure is not disturbed. Because it is not consistent with the anticipated reuse, consolidation of contaminated materials on to a shoreline area may be problematic in gaining public and regulatory acceptance.

## **Cost**

The initial and ongoing cost of this alternative is approximately the same as Alternative 2. The estimated cost for in-place containment assuming that a 30-year maintenance period will be required is \$2,900,000.

## **5.4 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS**

Section 300.415(j) of the NCP provides that removal actions must attain ARARs to the extent practicable, considering the exigencies of the situation.

Section 300.5 of the NCP defines applicable requirements as cleanup standards, standards of control, and other substantive environmental protection requirements, criteria or limitations promulgated under federal or state environmental or facility citing laws that specifically address a hazardous substance, pollutant, contaminant, remedial action, location or other circumstances at a CERCLA site.

Section 300.5 of the NCP defines relevant and appropriate requirements as cleanup standards, standards of control and other substantive requirements, criteria, or limitations promulgated under federal or state environmental or facility citing laws that, while not “applicable” to a hazardous substance, pollutant, or contaminant, remedial action, location, or other circumstances at a CERCLA site, address problems or situations sufficiently similar to those encountered at the CERCLA site and are well-suited to the particular site.

Because CERCLA on-site response actions do not require permitting, only substantive requirements are considered as possible ARARs. Administrative requirements such as approval of, or consultation with administrative bodies, issuance of permits, documentation, reporting, record keeping and enforcement are not ARARs for CERCLA actions confined to the site.

Only those state standards identified by a state in a timely manner and those more stringent than federal requirements may be applicable or relevant and appropriate.

There are three types of ARARs: chemical-specific, location-specific, and action-specific. Chemical-specific ARARs set limits on concentrations of specific hazardous substances,

contaminants, and pollutants in the environment. Examples of chemical-specific ARARs are ambient water quality criteria and drinking water standards. Location-specific ARARs set restrictions on certain types of activities based on site characteristics. These include restrictions on activities in wetlands, floodplains, and historic sites. Action-specific ARARs are technology based restrictions triggered by the type of action under consideration. Examples of action specific ARARs are Resource Conservation and Recovery Act (RCRA) regulations for waste treatment, storage, and disposal.

ARARs must be identified on a site-specific basis from information about specific chemicals at the site, specific features of the site location, and actions being considered as removal actions.

ARARs for this TCRA are presented in the following tables:

- Chemical-Specific ARARs—Table 1
- Location-Specific ARARs—Table 2
- Action-Specific ARARs—Table 3

Analyses for the most pertinent chemical-, location-, and action-specific ARARs are presented in the following sections.

#### **5.4.1 Chemical-Specific ARARs**

The TCRA will be implemented to comply with chemical-specific ARARs. Chemical-specific ARARs are health- or risk-based numerical values or methodologies that, when applied to site-specific conditions, establish the acceptable amount or concentration of a chemical that may be found in or discharged to the environment.

Chemical-specific ARARs have been identified for sediment, soil and debris. Soil/sediment is a medium of ecological concern as well as a human health concern if it becomes airborne during excavation activities.

Because California has an EPA-authorized RCRA program, the state regulatory requirements are the controlling ARARs and are therefore considered federal ARARs. The applicability of RCRA requirements depends on whether the waste is an RCRA hazardous waste, whether the waste was initially treated, stored, or disposed after the effective date of the particular RCRA requirement,

and whether the activity at the site constitutes treatment, storage, or disposal as defined by RCRA. However, RCRA requirements may be relevant and appropriate even if they are not applicable. The determination of whether a waste is an RCRA hazardous waste can be made by comparing the site waste to the definition of RCRA hazardous waste. The RCRA requirements in 22 California Code of Regulations (CCR), Sections 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100 are ARARs because they define RCRA hazardous waste. A waste can meet the definition of hazardous waste if it has the toxicity characteristic of hazardous waste.

State RCRA requirements included within the EPA-authorized RCRA program for California are considered to be federal ARARs and are discussed above. When state regulations are either broader in scope or more stringent than their federal counterparts, they are considered state ARARs. State requirements such as the non-RCRA, state-regulated hazardous waste requirements may be state ARARs because they are not within the scope of the federal ARARs (57 Federal Regulation 60848). The 22 CCR, Division 4.5 requirements that are part of the state-approved RCRA program would be state ARARs for non-RCRA, state-regulated hazardous wastes.

The site waste characteristics need to be compared to the definition of non-RCRA, state-regulated hazardous waste. The non-RCRA, state-regulated waste definition requirements in 22 CCR Section 66261.24(a)(2) are state ARARs for determining whether other RCRA requirements are potential state ARARs. This section lists the Total Threshold Limit Concentrations and Soluble Threshold Limit Concentration. The site waste may be compared to these thresholds to determine whether it meets the characteristics for a non-RCRA, state regulated hazardous waste.

Title 27, CCR, Sections 20210 and 20220 are state definitions for designated waste and nonhazardous waste, respectively. These may be ARARs for soils that meet the definitions. These soil classifications determine state classification requirements for discharging waste to land.

## **5.4.2 Location-Specific ARARs**

The TCRA will be implemented to comply with location-specific ARARs, which are restrictions on the concentrations of hazardous substances or on activities solely because they are in specific locations such as floodplains, wetlands, historic places, and sensitive ecosystems or habitats.

### ***Migratory Bird Treaty Act***

The Migratory Bird Treaty Act (16 U.S.C. § 703) prohibits at any time, using any means or manner, the pursuit, hunting, capturing, and killing or attempting to take, capture, or kill any migratory bird. This act also prohibits the possession, sale, export, and import of any migratory bird or any part of a migratory bird, as well as nests and eggs. A list of migratory birds for which this requirement applies is found in 50 CFR § 10.13.

### ***Coastal Zone Management Act (CZMA)***

Under the CZMA, federal land is specifically excluded from the definition of a coastal zone. The CZMA (16 U.S.C. §§ 1451–1464) and the accompanying implementing regulations in 15 CFR § 930 require that federal agencies conducting or supporting activities directly affecting the coastal zone conduct or support those activities in a manner that is consistent with the approved state coastal zone management programs. A state coastal zone management program developed under state law and guided by the CZMA sets forth objectives, policies, and standards to guide public and private uses of lands and water in the coastal zone. Activities affecting the coastal zone, including lands there-under and adjacent shore land, will be conducted in a manner consistent with approved state management programs. This site is located in the Coastal Zone. This ARAR is relevant and appropriate but not applicable because federal land is excluded from the definition of a coastal zone.

### ***McAteer-Petris Act***

McAteer-Petris Act and San Francisco Bay Plan California's approved coastal management program includes the San Francisco Bay Plan (Bay Plan) developed by the San Francisco Bay Conservation and Development Commission. The Bay Conservation and Development Commission was formed under the authority of the McAteer-Petris Act, California Government

Code Section 66600 et seq., which authorizes the commission to regulate activities within the San Francisco Bay and its shoreline (including 100 feet landward from the shoreline) in conformity with the policies of the Bay Plan.

The McAteer-Petris Act and the Bay Plan were developed primarily to halt uncontrolled development and filling of the bay. Their broad goals include reducing bay fill and disposal of dredged material in the bay, maintaining marshes and mudflats to the fullest extent possible to conserve wildlife and abate pollution, and protecting the beneficial uses of the bay. The Federal Coastal Zone Management Act, which requires compliance with approved state coastal zone management program, is a potential ARAR. Therefore, the substantive provisions of the McAteer-Petris Act and the Bay Plan are potential ARARs for this removal action.

The removal action will involve short-term and temporary excavation and staging of contaminated soils and the excavation activities will be planned and conducted in a manner that will protect the coastal zone. The selected removal action will reduce contaminants of concern in the surface soils and thus reduce potential exposure of coastal fauna to contaminants through erosion. Best Management Practices (BMPs) will be established in accordance with a written Stormwater Pollution Prevention Plan (SWPPP) to prevent runoff from the site from affecting the San Francisco Bay. By reducing contamination in the area, contaminants will be less available to food chains through flora as well.

### **5.4.3 Action-Specific ARARs**

The TCRA includes soil removal and disposition for which action-specific ARARs are discussed below.

Clean Water Act and State General Permit for Discharges of Stormwater Runoff Associated with Construction Activity National Pollutant Discharge Elimination System (NPDES) stormwater discharge requirements, 40 CFR 122.44(k)(2) and (4), establish stormwater requirements for construction sites over 1 acre in size. These regulations are relevant and appropriate for this TCRA; and a SWPPP will be prepared to prevent uncontrolled stormwater runoff into the Bay during the removal action.

The DON has determined that Section 121 (e)(1) of CERCLA and the corresponding provision in the NCP (40 CFR 300.400[e][1]) apply to the discharge of stormwater from the removal action area and that an NPDES permit (either general or individual) is not required for that discharge. However, the DON will comply with the substantive provisions of the NPDES General Permit for Discharges of Stormwater Runoff Associated with Construction Activity (State Water Resources Control Board Order No. 99-08) identified by the State of California as "To Be Considered" guidance for compliance with the federal Clean Water Act and state of California water quality requirements identified as potential water quality ARARs in this AM. Associated reporting and record keeping are considered procedural and therefore, are not substantive.

The DON will also comply with the following substantive provisions of the General Permit: substantive requirements for development and implementation of BMPs, substantive requirements for the content of a SWPPP, and substantive technical monitoring and analytical requirements (location and frequency of sample collection, parameters to be tested, and analytical methodologies). Compliance with these substantive requirements will be documented in the SWPPP, an appendix to the TCRA Work Plan. The SWPPP will include descriptions of the BMPs to be implemented during the removal action and address substantive SWPPP requirements.

Excavated debris will be subject to stringent RCRA and/or state requirements, as follows:

- Federal accumulation regulations (22 CCR 66262.10 (a), 66262.11, 66262.34, and 66264). The generator of waste shall determine if the waste is hazardous. If so, waste accumulated on site, in tanks and containers, for 90 days or less is subject to storage requirements. The requirements include labeling, drip pads, and other storage requirements.
- Container storage (22 CCR 66264.171 through 66264.178). Hazardous waste container storage requirements address use and management of containers, compatibility of wastes with containers, management of containers, inspections requirements, and secondary contaminant requirements.

- If wastes are determined to be hazardous, based on the hazardous waste determination described under the federal chemical-specific ARARs discussion, substantive requirements of 22 CCR 66262.34 (pertaining to hazardous waste accumulation) will be applicable. The TCRA involves the stockpiling of excavated materials while waste transportation and profiling are coordinated. Excavated material will be stockpiled in accordance with the applicable substantive provisions of 40 CFR 264.554(d)(1), and 264.554(d), (e), (f), (h), (i), (j) and (k).

## 5.5 PROJECT SCHEDULE

Pending regulatory approvals, fieldwork is scheduled to begin in September and be completed approximately twelve weeks later. The anticipated schedule for the TCRA is presented as Figure 5.

## 5.6 ESTIMATED COSTS

The cost estimate for this removal is based on the excavation of approximately 11,760 bank cubic yards of debris, segregation of reusable/recyclable material and disposal of the remaining material at a permitted off-site location. The estimate assumes that 30 percent of the material will be disposed of at a Class 1 hazardous waste facility with the remainder disposed of at a Class 2 facility. The estimated costs include the direct and indirect capital costs. Direct capital costs considered include construction costs, equipment and material costs, transportation and disposal costs, analytical costs, contingency allowances, and treatment and operating costs. Indirect capital costs considered include planning, project management, and reporting.

The estimated cost to complete the removal action is \$2,834,000. The cost breaks down into the following tasks:

### Direct Capital Costs

Excavation	\$ 143,000
Transportation and Disposal	\$ 2,128,000
Characterization Sampling	\$ 54,000

**Indirect Capital Costs**

Project Management and Meetings	\$ 309,000
Plans	\$ 120,000
Closeout Report and Fact Sheet	\$ 80,000

## **6. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN**

Should action be delayed or not taken at the site, the potential for exposure of human and environmental populations to COCs in the debris piles will remain. COCs in the debris piles could spread from the site to nearby areas by wind and wave erosion and surface runoff, which may result in increased health risks to the exposed populations. Delayed action may increase public health risks by increasing the potential for dermal and airborne exposure to COCs in the debris. A potential spread of contamination could also result in an increased risk to the exposed ecological receptors.

## **7. PUBLIC INVOLVEMENT**

This document will be added to the CERCLA Administrative Record and will be made available for public review at the information repositories described below.

### **7.1 PUBLIC INFORMATION**

To gain a more thorough understanding of the activities associated with the TCRA, the public is encouraged to review documents at the following sites:

- 1) Alameda Main Public Library (Historic Alameda High School)  
2220-A Central Avenue  
Alameda, California
- 2) Alameda Point, Former Naval Air Station Alameda  
950 West Mall Square, Building 1, Room 240  
Alameda, California

The complete CERCLA Administrative Record is located at 937 Harbor Drive, Building 1, 3<sup>rd</sup> Floor, San Diego, California 92132 and is maintained by Ms. Diane Silva, Naval Facilities Engineering Command Southwest, Administration Record Manager. Ms. Silva can be reached at (619) 532-3676 or [diane.silva@navy.mil](mailto:diane.silva@navy.mil). Written requests and comments on the Administrative Record should be mailed to Ms. Silva at 1220 Pacific Highway, San Diego, California 92132 by United States Postal Service.

### **7.2 PUBLIC PARTICIPATION**

To encourage local participation in the hazardous waste cleanup program at Alameda Point, the DON established a Restoration Advisory Board (RAB). This board is a citizen-based committee representing local community interests. RAB meeting agenda, minutes, and presentation materials are included in the Administrative Record for public review.

This AM for the planned TCRA was discussed during the April 3, 2008 RAB. In compliance with the requirements of 40 CFR Parts 300.415(n)(2) and 300.820 (b)(1), a public notice will be issued no later than 60 days after initiation of the on-site removal activity that describes the planned TCRA and the availability of the project Administrative Record for public review. The

public notice will run in two local newspapers: the Oakland Tribune and Alameda Journal. There will be a public comment period of 30 days after the availability of the Administrative Record is announced. A written response to comments submitted during the public comment period will be included in the Administrative Record.

The AM was distributed to EPA, DTSC, and the Water Board for their review. Where applicable, review comments and the DON responses to those comments have been incorporated into this AM.

## **8. OUTSTANDING POLICY ISSUES**

There are no outstanding policy issues.

## 9. RECOMMENDED ACTION

To date, the DON has not acquired evidence identifying other potentially responsible parties (PRPs) at this site. However, information acquired in the future, including, but not limited to, information acquired during the implementation of the TCRA or future response actions at this site could result in identification of other PRPs.

This AM was prepared in accordance with current EPA and DON guidance documents for time critical removal actions under CERCLA. The purpose of this AM is to identify removal actions to address contamination at the Debris Piles 1 and 2 at Seaplane Lagoon, IR Site 17 located at Alameda Point, Alameda, California.

The preferred action is removal of two debris piles on the northern shoreline of Seaplane Lagoon and disposal, reuse or recycling of excavated material as appropriate. This action will provide a high degree of protection for human health and the environment, does not have significant administrative or technical constraints, and is not cost prohibitive. This decision document represents the selected removal action for the debris piles site at Seaplane Lagoon, IR Site 17, Alameda Point, Alameda, California, developed in accordance with CERCLA as, amended, and is consistent with the NCP. This decision is based on the Administrative Record for the site. The Administrative Record Index is included in Appendix A.

  
George Patrick Brooks

BRAC Environmental Coordinator  
BRAC Program Management Office West

9-11-08  
Date

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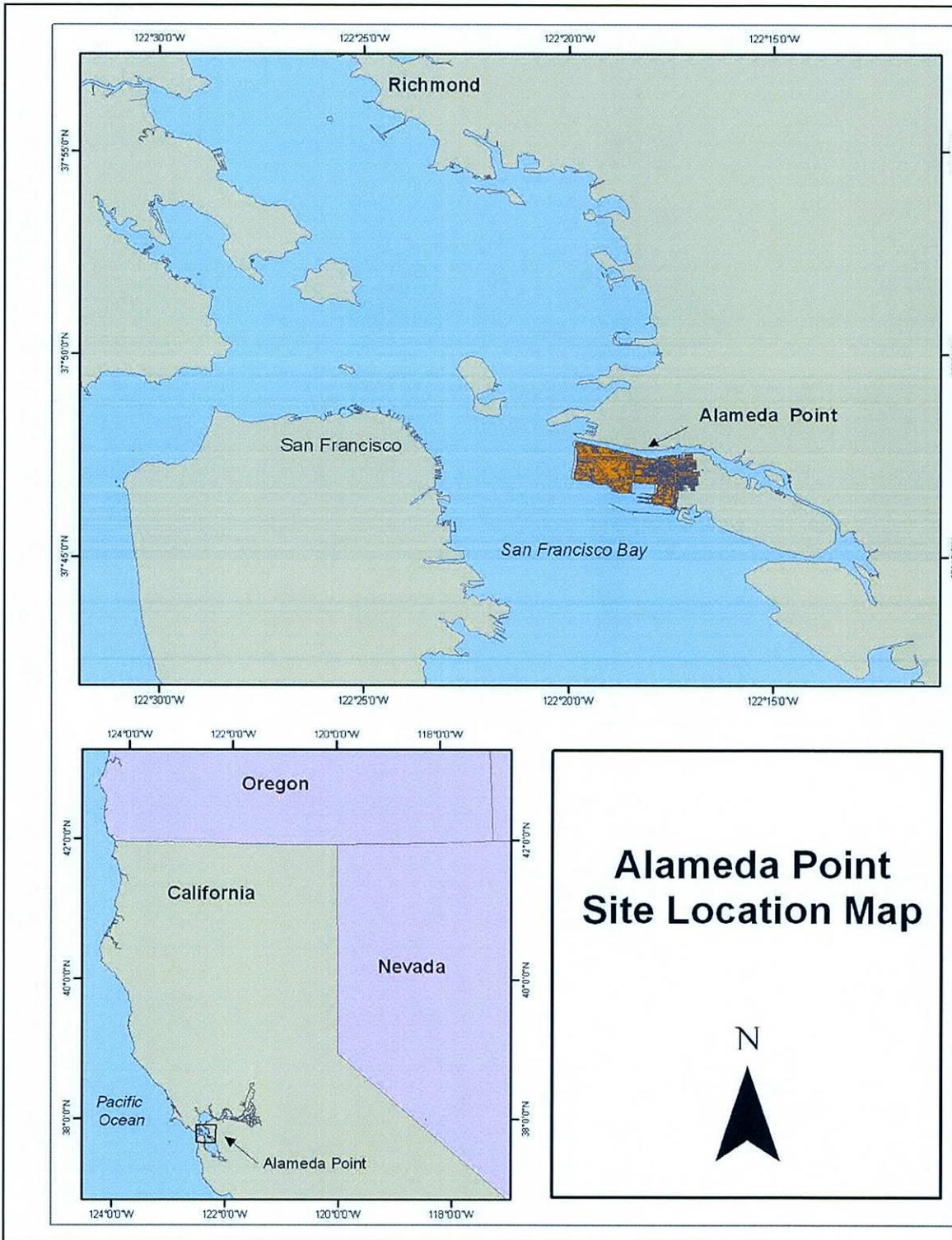
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## FIGURES



**FIGURE 1**  
**Site Location Map**

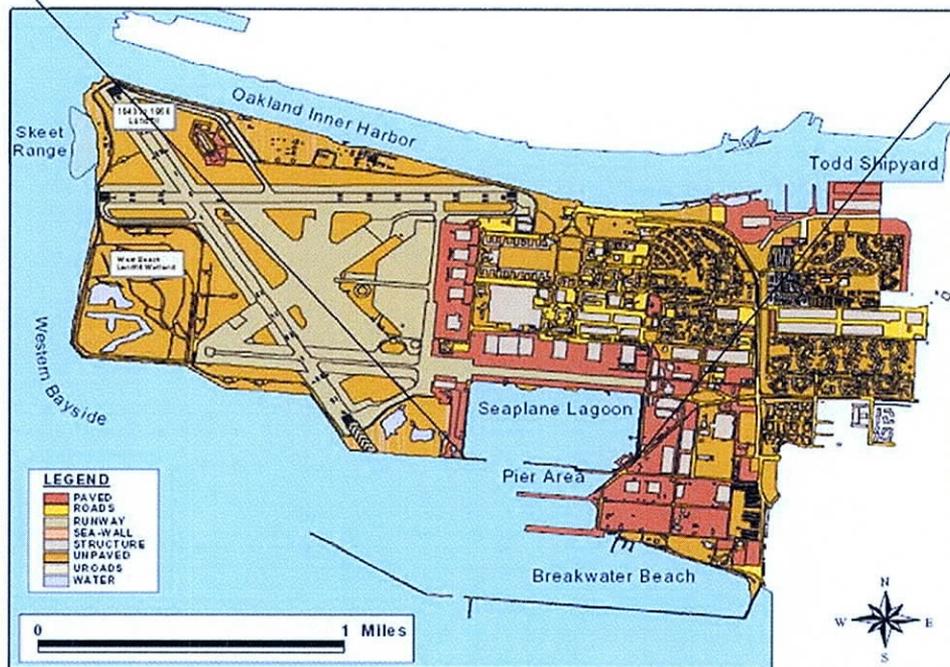
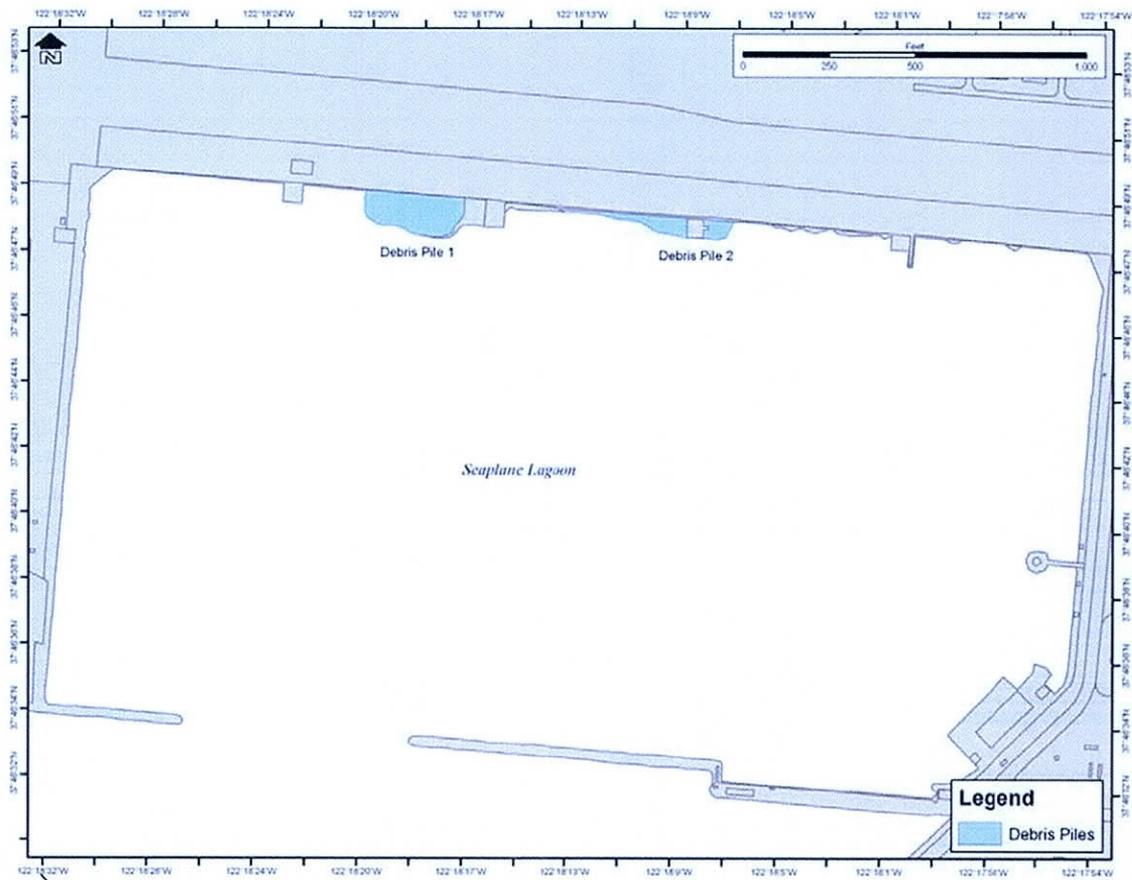


FIGURE 2. Seaplane Lagoon Location Map

TAXIWAY NO. 7

RAMP 1

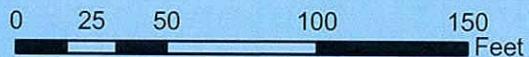
RAMP 2

Debris Pile 1

SEAPLANE LAGOON

LEGEND

- Pavement
- Runway/Taxiway
- Shoreline
- Debris Pile
- Water



CONSTRUCTION DEBRIS PILE 1

AT SEAPLANE LAGOON  
Alameda Point, Alameda, California

DATE: July 30, 2008

FIGURE: 3

TAXIWAY NO. 7

Riprap between Ramp 2 and  
Debris Pile 2 will not be removed.

Debris Pile 2

# SEAPLANE LAGOON

## LEGEND

- Pavement
- Runway/Taxiway
- Shoreline
- Debris Pile
- Water
- Concrete/Asphalt Riprap



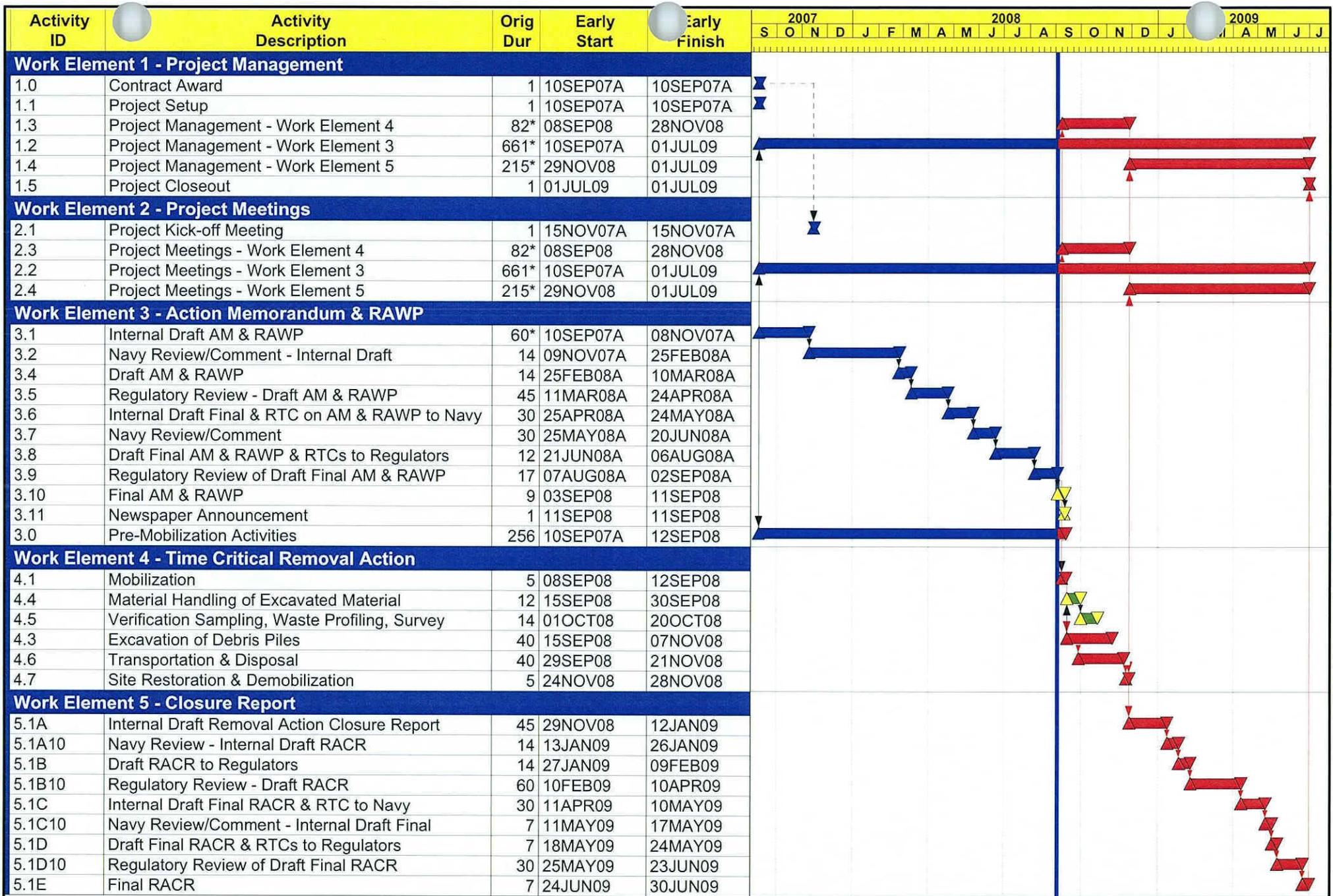
0 25 50 100 150 Feet

CONSTRUCTION DEBRIS PILE 2

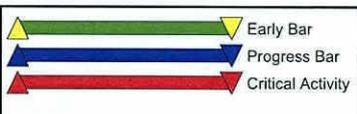
AT SEAPLANE LAGOON  
Alameda Point, Alameda, California

DATE: July 30, 2008

FIGURE: 4



Start Date 01AUG07  
 Finish Date 01JUL09  
 Data Date 03SEP08  
 Run Date 05SEP08 10:39  
 © Primavera Systems, Inc.



0901 Sheet 1 of 1  
 Action Memorandum, Time-Critical Removal Action  
 Construction Debris Piles, Seaplane Lagoon IR Site 17  
 Alameda Point, Alameda, California

**FIGURE 5  
 PROJECT SCHEDULE**

## **TABLES**

**Table 1**  
**Chemical-Specific Applicable or Relevant and Appropriate Requirements<sup>a</sup>**

Location/Requirement	Citation <sup>b</sup>	ARAR Determination	Comments
<b>FEDERAL</b>			
<b>Soil</b>			
<b>Resource Conservation and Recovery Act (42 U.S.C. Chapter 82, Sections 6901–6991[i])<sup>c</sup></b>			
Defines RCRA hazardous waste.	Cal. Code Regs. tit. 22, §§ 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100	Applicable	Debris will be sampled and characterized to determine if it is classified as RCRA hazardous waste.
Treatment standards including technology requirements before hazardous waste can be disposed to land.	Cal. Code Regs. tit. 22, § 66268.40	Applicable	Substantive provisions are applicable if debris is determined to be a hazardous waste.
Universal Treatment Standards used to comply with treatment standards.	Cal. Code Regs. tit. 22, § 66268.48	Applicable	Substantive provisions are applicable if debris is determined to be a hazardous waste.
<b>State</b>			
<b>Surface Water</b>			
<b>State Water Resources San Francisco Bay Regional Water Quality Control Board<sup>c</sup></b>			
Describes the water basins in San Francisco Bay, establishes beneficial uses of groundwater and surface water, establishes WQOs, including narrative and numerical standards, establishes implementation plans to meet WQOs and protect beneficial uses, and incorporates statewide water quality control plans and policies.	Comprehensive Water Quality Control Plan for the San Francisco Bay (Basin Plan) CWC Section 13240 Chapter 2 Beneficial Uses for Seaplane Lagoon Chapter 3 WQOs for turbidity, DO, and suspended sediment with the exception of nuisance	Applicable	Substantive requirements pertaining to beneficial uses for the lagoon. No discharge is planned to the lagoon, and a turbidity curtain will be used during debris removal.

**Table 1  
Chemical-Specific Applicable or Relevant and Appropriate Requirements<sup>a</sup>**

Location/Requirement	Citation <sup>b</sup>	ARAR Determination	Comments
<b>State</b>			
<b>Surface Water</b>			
<b>State Water Resources San Francisco Bay Regional Water Quality Control Board<sup>c</sup></b>			
Established the policy that high quality waters of the State "shall be maintained to the maximum extent possible" consistent with the "maximum benefit to the people of the State. Provides that when existing quality of water is better than required by applicable water quality, the existing high-quality will be maintained until it is demonstrated that any change will be consistent with maximum unreasonable affect beneficial use of such water, and will not result in water quality less than that prescribed in the policies. States that any activity that produces a waste or increased volume or concentration of waste and that discharge to existing high-quality waters will be required to meet waste-discharge requirements that will result in the best practicable treatment or control of discharge.	Statement with Policy With Respect to Maintaining High Quality Waters in California, State Water Resources San Francisco Bay Regional Water Quality Control Board Resolution Number 68-16	Applicable	Substantive requirements are applicable for surface water beneath sand and any sediment removal activities.
<b>Soil</b>			
<b>California Environmental Protection Agency Department of Toxic Substances Control<sup>c</sup></b>			
Definition of "non-RCRA hazardous waste."	Cal. Code Regs. tit. 22, §§ 66261.22(a)(3) and (4); 66261.24(a)(2) – (a)(8); 66261.101; 66261.3(a)(2)(C) or 66261.3(a)(2)(F)	Applicable	Substantive provisions are applicable for determining whether debris is a non-RCRA hazardous waste.
Definitions of designated waste, nonhazardous waste, and inert waste.	Cal. Code Regs. tit. 27, §§ 20210, 20220(a), and 20230(a)	Applicable	Substantive provisions are applicable for characterizing debris.

**Table 1**  
**Chemical-Specific Applicable or Relevant and Appropriate Requirements<sup>a</sup>**

Location/Requirement	Citation <sup>b</sup>	ARAR Determination	Comments
<b>Air</b>			
<b>Air Bay Area Air Quality Management District</b>			
A person shall not emit from any source for a period or periods aggregating more than three minutes in any hour, a visible emission which is as dark as or darker than No. 1 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree.	BAAQMD 6-1-301	Applicable	Substantive provisions are applicable for handling debris prior to transportation off site.
A person shall not discharge any emission of lead, or compound of lead calculated as lead, from any emission point in excess of 6.75 kilograms (15 pounds) per day.	BAAQMD Rule 11-1-301	Applicable	Substantive provisions are applicable for handling debris prior to transportation off site.
A person shall not discharge any emission of lead, or compound of lead calculated as lead, that will result in ground level concentrations in excess of 1.0 microgram per cubic meter averaged over 24 hours.	BAAQMD Rule 11-1-302	Applicable	For handling sediment prior to transportation off site.

Notes:

- a Many potential action-specific ARARs contain chemical-specific limitations and are addressed in the action-specific ARAR tables.
- b Only the substantive provisions of the requirements cited in this table are potential ARARs.
- c Statutes and policies, and their citations, are provided as headings to identify general categories of potential ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the U.S. Navy accepts the entire statutes or policies as potential ARARs; specific potential ARARs are addressed in the table below each general heading; only pertinent substantive requirements of specific citations are considered potential ARARs.

ARAR            applicable or relevant and appropriate requirement  
BAAQMD        Bay Area Air Quality District  
Cal. Code Regs. California Code of Regulations  
CWC            California Water Code  
DO              dissolved oxygen  
tit.              title  
RCRA           Resource Conservation and Recovery Act  
U.S.C.          United States Code  
WQO            Water Quality Order

**Table 2**  
**Location-Specific Applicable or Relevant and Appropriate Requirements**

Location/Requirement	Citation <sup>a</sup>	ARAR Determination	Comments
<b>Migratory Bird Treaty Act of 1972 (16 U.S.C. Sections 703-712)<sup>b</sup></b>			
Migratory bird area Protects almost all species of native birds in the U.S. from unregulated "take," which can include poisoning at hazardous waste sites.	16 U.S.C. Section 703	Relevant and appropriate	Because migratory birds are known to be present near IR Site 17, substantive provisions are relevant and appropriate.
<b>Coastal Zone Management Act (16 U.S.C. Sections 1451-1464)<sup>b</sup></b>			
Within coastal zone Conduct activities in a manner consistent with approved State management programs.	16 U.S.C. Section 1456(c) 15 CFR Section 930	Relevant and appropriate	Substantive provisions are relevant and appropriate because IR Site 17 is on the coast.
<b>California Coastal Act of 1976<sup>b</sup></b>			
Coast Regulates activities associated with development to control direct significant impacts on coastal waters and to protect State and national interests in California coastal resources.	CPRC Sections 30000-30900; Cal. Code Regs. tit. 14, §§ 13001-13666.4	Relevant and appropriate	Substantive provisions are relevant and appropriate because IR Site 17 is within the California coastal zone.
<b>Fish and Wildlife Coordination Act (16 U.S.C. Sections 661-666c)<sup>b</sup></b>			
Area affecting stream or other water body. Action should protect fish or wildlife	16 U.S.C. Section 661	Applicable	Substantive provisions are applicable if overexcavations into the beach are necessary.

**Table 2  
Location-Specific Applicable or Relevant and Appropriate Requirements**

Location/Requirement	Citation <sup>a</sup>	ARAR Determination	Comments
<b>Rivers and Harbors Act of 1899 (33 U.S.C. Sections 401-413)<sup>b</sup></b>			
Navigable waters	Permits required for structures or work affecting navigable waters	Applicable	Substantive provisions are applicable if removal of debris will affect the lagoon. Permits are not required.

Notes:

- a Only the substantive provisions of the requirements cited in this table are potential ARARs.
- b Statutes and policies, and their citations, are provided as headings to identify general categories of potential ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the U.S. Navy accepts the entire statutes or policies as potential ARARs; specific potential ARARs are addressed in the table below each general heading; only substantive requirements of the specific citations are considered potential ARARs.

ARAR                applicable or relevant and appropriate requirement  
 Cal. Code Regs. California Code of Regulations  
 CFR                Code of Federal of Regulations  
 CPRC              California Public Resources Code  
 tit.                 title  
 U.S.C.             United States Code



**Table 3  
Action-Specific Applicable or Relevant and Appropriate Requirements**

Action/Requirement	Citation <sup>a</sup>	ARAR Determination	Comments
<b>Resource Conservation and Recovery Act (42 U.S.C. Sections 6901–6991[i])<sup>b</sup></b>			
<b>Onsite Waste Generation</b>			
Person who generates waste shall determine if that waste is a hazardous waste.	Cal. Code Regs. tit. 22, §§ 66262.10 (a) and 66262.11	Applicable	Substantive provisions are applicable for any operation where hazardous waste is generated. Debris waste characterization will be conducted prior to recycling or disposal.
Requirements for analyzing waste for determining whether waste is hazardous.	Cal. Code Regs. tit. 22, §§ 66264.13 (a) and (b)	Applicable	Debris waste characterization will be conducted prior to recycling or disposal.
Containers of RCRA hazardous waste must be maintained in good condition, compatible with hazardous waste to be stored, and closed during storage except to add or remove waste.	Cal. Code Regs. tit. 22, §§ 66264.171, .172, .173 and 66262.34	Applicable	Substantive provisions are applicable if waste is determined to be hazardous and stored in containers, or relevant and appropriate if waste is similar to hazardous waste.
Requirements for staging piles.	40 CFR 264.554(d) and (l) 40 CFR 264.554(d), (e) (f), (h), (i), (j), and (k)	Applicable	Substantive provisions are applicable if stockpile waste is determine to be hazardous and stored in stockpiles, or relevant and appropriate if waste is similar to hazardous waste.
<b>Container Storage</b>			
Inspect container storage areas weekly for deterioration.	Cal. Code Regs. tit. 22, § 66264.174	Applicable	Substantive provisions are applicable if waste is determined to be hazardous and stored in containers, or relevant and appropriate if waste is similar to hazardous waste.

**Table 3  
Action-Specific Applicable or Relevant and Appropriate Requirements**

Action/Requirement	Citation <sup>a</sup>	ARAR Determination	Comments
<b>Container Storage (Continued)</b>			
Place containers on a sloped, crack-free base, and protect from contact with accumulated liquid. Provide containment system with a capacity of 10 percent of the volume of containers of free liquids. Remove spilled or leaked waste in a timely manner to prevent overflow of the containment system.	Cal. Code Regs. tit. 22, §§ 66264.175(a) and (b)	Applicable	Substantive provisions are applicable if waste is determined to be hazardous and stored in containers, or relevant and appropriate if waste is similar to hazardous waste.
At closure, remove all hazardous waste and residues from the containment system, and decontaminate or remove all containers and liners.	Cal. Code Regs. tit. 22, § 66264.178	Applicable	Substantive provisions are applicable if waste is determined to be hazardous and stored in containers, or relevant and appropriate if waste is similar to hazardous waste.
<b>Clean Water Act of 1977 (CWA), as Amended (33 U.S.C. Chapter 26, Sections 1251–1387)<sup>b</sup></b>			
<u>Land disturbance</u> Stormwater plan and best management practice requirements.	40 CFR § 122.44(k)(2) and (4)	Applicable	Substantive provisions are applicable for the proposed construction. The TCRA will include a storm water plan with best management practices for storm water pollution prevention.

Notes:

- a Only the substantive provisions of the requirements cited in this table are potential ARARs.
- b Statutes and policies, and their citations, are provided as headings to identify general categories of potential ARARs for the convenience of the reader. Listing the statutes and policies does not indicate that the U.S. Navy accepts the entire statutes or policies as potential ARARs; specific potential ARARs are addressed in the table below each general heading; only substantive requirements of specific citations are considered potential ARARs.

ARAR	applicable or relevant and appropriate requirement	U.S.C.	United States Code
Cal. Code Regs.	California Code of Regulations		
CFR	Code of Federal of Regulations		
CWA	Clean Water Act		
tit.	title		



**APPENDIX A**  
**ADMINISTRATIVE RECORD INDEX**

ALAMEDA POINT NAS

DRAFT ADMINISTRATIVE RECORD FILE INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

DOCUMENTS RELATED TO SITE 17

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000198	11-24-1999	ECOLOGY AND ENVIRONMENT, INC.	INITIAL ASSESSMENT STUDY (IAS)	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0010
NEESA 13-014	04-01-1983				003		41074200	
REPORT	NONE				004	IMAGED		
N62474-82-C-8272	00.0	NAVFAC - EFA WEST			005	APNT_027		
00176					006			
					007			
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					009			
					010			
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					017			
					SITE 00001			
N00236 / 000142	11-24-1999	NAVFAC - EFA WEST	PROPOSED SAMPLING, TESTING AND DREDGING AT THE SEAPLANE LAGOON (W/ ENCLOSURES)	ADMIN RECORD	017	FRC - PERRIS	181-03-0179	BOX 0008
EFAW SER 1142E	05-05-1986			INFO REPOSITORY			41074200	
CORRESPONDENC	NONE	A. DONG				IMAGED		
E	00.0	CRWQCB				APNT_002		
NONE		D. MISHEK						
00006								

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000212	11-24-1999	CANONIE	FINAL DRAFT SAMPLING PLAN (SP),	ADMIN RECORD	002	FRC - PERRIS	181-08-0082	BOX 0007
NONE	08-01-1988	ENVIRONMENTAL	REMEDIAL INVESTIGATION/FEASIBILITY		003		40095306	SAI
REPORT	NONE		STUDY (RI/FS) [VOLUME 1 OF 8] {***SEE		004	IMAGED		
NONE	00.0	NAVFAC - EFA	COMMENTS}		005	APNT_019		
00215		WEST			006			
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UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000214	11-24-1999	CANONIE	ENVIRONMENTAL	FINAL DRAFT HEALTH AND SAFETY PLAN (HASP), REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0011
NONE	08-01-1988	NAVFAC - EFA	WEST	[VOLUME 2 OF 8] {INCLUDES APPENDICES A THROUGH C} (***)SEE COMMENTS		003		41074200
REPORT	NONE					004	IMAGED	
NONE	00.0					005	APNT_019	
00066						006		
						007		
						008		
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UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000787	11-24-1999	CANONIE	ENVIRONMENTAL	FINAL DRAFT AIR SAMPLING PLAN, REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) [VOLUME 1B OF 8] {***SEE COMMENTS}	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0018
NONE	08-01-1988					003		41074200
REPORT	DO 001 & DO					004	IMAGED	
N62474-85-D-5620	002	NAVFAC - EFA				005	APNT_019	
00027	00.0	WEST				006		
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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000259	11-24-1999	CANONIE	FINAL DRAFT PROJECT MANAGEMENT	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0012
NONE	11-01-1988	ENVIRONMENTAL	PLAN/SCHEDULE, REMEDIAL		003		41074200	
REPORT	DO 005		INVESTIGATION/FEASIBILITY STUDY (RI/FS)		004	IMAGED		
N62474-85-D-5620	00.0	NAVFAC - EFA	[VOLUME 5 OF 8] {***SEE COMMENTS}		005	APNT_019		
00038		WEST			006			
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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000260	11-24-1999	CANONIE	CANONIE	FINAL DRAFT DATA MANAGEMENT PLAN,	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0012
NONE	12-01-1988	ENVIRONMENTAL	ENVIRONMENTAL	REMEDIAL INVESTIGATION/FEASIBILITY		003		41074200
REPORT	DO 005			STUDY (RI/FS) [VOLUME 6 OF 8] {***SEE		004	IMAGED	
N62474-85-D-5620	00.0	NAVFAC - EFA	NAVFAC - EFA	COMMENTS}		005	APNT_019	
00085		WEST	WEST			006		
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UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #						CD No.	FRC Box No(s)
N00236 / 000261	11-24-1999	CLEMENT	ASSOCIATES	FINAL DRAFT PUBLIC HEALTH AND ENVIRONMENTAL EVALUATION PLAN (PHEE), REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) [VOLUME 7 OF 8] {MISSING SECTION 3} (**SEE COMMENTS)	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0013
NONE	12-01-1988					003		41074200
REPORT	NONE					004	IMAGED	
NONE	00.0	NAVFAC - EFA	WEST			005	APNT_019	
00345						006		
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						BLDG. 459		
						BLDG. 5		
						BLDG. 530		
						BLDG. 547		
						CANS C-2 AREA		

UIC No. / Rec. No.

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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000262	11-24-1999	CANONIE	FINAL DRAFT FEASIBILITY STUDY (FS)	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0013
NONE	12-01-1988	ENVIRONMENTAL	PLAN, REMEDIAL		003		41074200	
REPORT	DO 005		INVESTIGATION/FEASIBILITY STUDY (RI/FS)		004	IMAGED		
N62474-85-D-5620	00.0	NAVFAC - EFA	[VOLUME 8 OF 8] {***SEE COMMENTS}		005	APNT_019		
00078		WEST			006			
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UIC No. / Rec. No.

Doc. Control No.	Prc. Date	Author Affil.	Subject	Classification	Sites	Location	FRC Accession No.
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient					
N00236 / 000274	11-24-1999	CANONIE	FINAL HEALTH AND SAFETY PLAN (HASP),	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0013
NONE	12-01-1988	ENVIRONMENTAL	REMEDIAL INVESTIGATION/FEASIBILITY		003		41074200
REPORT	DO 001 & DO		STUDY (RI/FS) [VOLUME 2 OF 8] {INCLUDES		004	IMAGED	
N62474-85-D-5620	002	NAVFAC - EFA	APPENDICES A THROUGH H} (**SEE		005	APNT_019	
00123	00.0	WEST	COMMENTS)		006		
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					CANS C-2 AR		

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Doc. Control No.

Prc. Date

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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000275	11-24-1999	CANONIE	CANONIE	FINAL AIR SAMPLING PLAN, REMEDIAL	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0013
NONE	12-01-1988	ENVIRONMENTAL	ENVIRONMENTAL	INVESTIGATION/FEASIBILITY STUDY (RI/FS)	INFO REPOSITORY	003		41074200
REPORT	DO 001 & 002			[VOLUME 1B OF 8] {***SEE COMMENTS}		004	IMAGED	
N62474-85-D-5620	00.0	NAVFAC - EFA	NAVFAC - EFA			005	APNT_019	
00034		WEST	WEST			006		
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UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000291	11-24-1999	CANONIE	CANONIE	SAMPLING PLAN (SP), REMEDIAL	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0013
NONE	01-01-1989	ENVIRONMENTAL	ENVIRONMENTAL	INVESTIGATION/FEASIBILITY STUDY (RI/FS)		003		41074200
REPORT	DO 001 & DO			[VOLUME 1 OF 8] (REVISED VERSION)		004	IMAGED	
N62474-85-D-5620	002	NAVFAC - EFA	NAVFAC - EFA	[***SEE COMMENTS]		005	APNT_019	
00212	00.0	WEST	WEST			006		
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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000322	11-24-1999	CANONIE	CANONIE	FINAL PROJECT MANAGEMENT	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0014
NONE	02-01-1989	ENVIRONMENTAL	ENVIRONMENTAL	PLAN/SCHEDULE, REMEDIAL	INFO REPOSITORY	003		41074200
REPORT	NONE			INVESTIGATION/FEASIBILITY STUDY (RI/FS)		004	IMAGED	
NONE	00.0	NAVFAC - EFA	NAVFAC - EFA	[VOLUME 5 OF 8] (SEE AR #322 - EFAW		005	APNT_019	
00045		WEST	WEST	TRANSMITTAL LETTER BY R.		006		
				SERAYDARIAN) {***SEE COMMENTS}		007		
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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000351	11-24-1999	CANONIE	REVISED FINAL HEALTH AND SAFETY PLAN	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0014
NONE	05-01-1989	ENVIRONMENTAL	(HASP), REMEDIAL		003		41074200	
REPORT	DO 001 & DO		INVESTIGATION/FEASIBILITY STUDY (RI/FS)		004	IMAGED		
N62474-85-D-5620	002	NAVFAC - EFA	[VOLUME 2 OF 8] {INCLUDES APPENDICES A		005	APNT_019		
00154	00.0	WEST	THROUGH J} (**SEE COMMENTS)		006			
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Contr./Guid. No.	CTO No.	Recipient Affil.	Author	CD No.	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)	
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00236 / 000361	11-24-1999	CANONIE	DATA MANAGEMENT PLAN, REMEDIAL	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0014
NONE	05-01-1989	ENVIRONMENTAL	INVESTIGATION/FEASIBILITY STUDY (RI/FS)	INFO REPOSITORY	003		41074200	
REPORT	NONE		[VOLUME 6 OF 8] {***SEE COMMENTS}		004	IMAGED		
NONE	00.0	NAVFAC - EFA			005	APNT_019		
00086		WEST			006			
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Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000371	11-24-1999	CLEMENT	FINAL PRELIMINARY PUBLIC HEALTH AND	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0015
NONE	06-01-1989	ASSOCIATES	ENVIRONMENTAL EVALUATION PLAN		003		41074200	
REPORT	NONE		(PHEE), REMEDIAL INVESTIGATION		004	IMAGED		
NONE	00.0	NAVFAC - EFA	FEASIBILITY STUDY (RI/FS) [VOLUME 7 OF 8]		005	APNT_019		
00364		WEST	{***SEE COMMENTS}		006			
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Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse
Contr./Guid. No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient					
N00236 / 000780	11-24-1999	CANONIE	REVISED FINAL HEALTH AND SAFETY PLAN	ADMIN RECORD	002	FRC - PERRIS	181-03-0179 BOX 0018
NONE	11-01-1989	ENVIRONMENTAL	(HASP), REMEDIAL	INFO REPOSITORY	003		41074200
REPORT	DO 008		INVESTIGATION/FEASIBILITY STUDY (RI/FS)		004	IMAGED	
N62474-85-D-5620	00.0	NAVFAC - EFA	[VOLUME 2 OF 8] {INCLUDES APPENDICES A		005	APNT_019	
00178		WEST	THROUGH K} (**SEE COMMENTS)		006		
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UIC No. / Rec. No.

Doc. Control No.

Prc. Date

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Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000783	11-24-1999	CANONIE	FINAL FEASIBILITY STUDY PLAN (FS),	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0018
NONE	01-01-1990	ENVIRONMENTAL	REMEDIAL INVESTIGATION/FEASIBILITY		003		41074200	
REPORT	DO 005		STUDY (RI/FS) [VOLUME 8 OF 8] {***SEE		004	IMAGED		
N62474-85-D-5620	00.0	NAVFAC - EFA	COMMENTS}		005	APNT_019		
00093		WEST			006			
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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000785	11-24-1999	CANONIE	FINAL SAMPLING PLAN (SP), REMEDIAL	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0018
NONE	02-01-1990	ENVIRONMENTAL	INVESTIGATION/FEASIBILITY STUDY (RI/FS)	INFO REPOSITORY	003		41074200	
REPORT	DO 008		[VOLUME 1 OF 8] {***SEE COMMENTS}		004	IMAGED		
N62474-85-D-5620	00.0	NAVFAC - EFA			005	APNT_019		
00283		WEST			006			
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Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.	
Record Type	Record Date	Author				SWDIV Box No(s)	FRC Warehouse	
Contr./Guid. No.	CTO No.	Recipient Affil.		Subject	Classification	CD No.	FRC Box No(s)	
Approx. # Pages	EPA Cat. #	Recipient						
						SITE 00001 YARD D-13		
N00236 / 000545 FILE NO. 2199.9080A (RAD) CORRESPONDENC E NONE 00004	11-24-1999 <b>02-20-1991</b> NONE 00.0	CRWQCB - SAN FRANCISCO D. DALKE NAVFAC - EFA WEST B. DIZON		COMMENTS ON THE SAMPLNG PLAN (SP) FOR SEAPLANE LAGOON AND ESTUARY SITE	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 BOX 0016 41074200
N00236 / 000646 TC.A021.10075 MM N68711-00-D-0005 00004	06-13-2003 <b>04-02-1993</b> DO 0021	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION		02 APRIL 1993 MONTHLY PROGRESS REVIEW MEETING MINUTES FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD INFO REPOSITORY	002 004 007A 007B 009 011 017 PHASE 1 PHASE 2A PHASE 2B PHASE 3 PHASE 5 PHASE 6 SITE 00001	FRC - PERRIS  IMAGED APNT_007	181-03-0188 BOX 0013 41031858

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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #						CD No.	FRC Box No(s)
N00236 / 000858	11-24-1999	PRC	DRAFT FINAL REMEDIAL	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0027
NONE	09-29-1993	ENVIRONMENTAL	INVESTIGATION/FEASIBILITY STUDY (RI/FS)	INFO REPOSITORY	003		41074200	
REPORT	00107	MGMT INC.	WORK PLAN ADDENDUM (INCLUDES	SENSITIVE	004	IMAGED		
N62474-88-D-5086	00.0	NAVFAC - EFA	COMMENTS ON DRAFT RI/FS WORK PLAN		005	APNT_019		
00303		WEST	ADDENDUM BY R. HOUGH (COMMUNITY		006			
			ADVISOR COMMITTEE) [MISSING		007A			
			APPENDIX F] (PORTION OF THE COMMENTS		007B			
			IS SENSITIVE) (**SEE COMMENTS)		007C			
					008			
					009			
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N00236 / 001331	11-24-1999	BERKELEY ENV.	DRAFT TREATABILITY STUDY (TS) WORK	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0035
NONE	08-01-1996	RESTORATION	PLAN (WP), INTRINSIC SEDIMENT	SENSITIVE	017		41074200	
REPORT	DO 04	CTR.	PROCESSES STUDY (PORTION OF THE			IMAGED		
N62474-94-D-7430	00.0	W. MABEY	EMERGENCY LIST AND PORTION OF ONE			APNT_009		
00402		NAVFAC - EFA	CURRICULUM VITAE IS CONFIDENTIAL)					
		WEST	[SEE AR #1330 - EFA WEST TRANSMITTAL					
			LETTER BY K. SPIELMAN]					
N00236 / 001325	11-24-1999	ARC ECOLOGY	COMMENTS ON THE FINAL HUMAN HEALTH	ADMIN RECORD	017	FRC - PERRIS	181-03-0179	BOX 0035
NONE	08-09-1996	K. HACK	RISK-BASED PETROLEUM SCREENING				41074200	
CORRESPONDENC	NONE	NAVFAC - EFA	LEVELS TECHNICAL MEMORANDUM (TM),			IMAGED		
E	00.0	WEST	AND COMMENTS ON THE			APNT_024		
NONE		C. GARIBALDI	CHARACTERIZATION OF SEAPLANE					
00005			LAGOON DRAFT WORK PLAN ADDENDUM					

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Record Type	Record Date	Author	Author							Location		FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites				SWDIV Box No(s)		FRC Warehouse	
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N00236 / 001330 EFAW SER 1831.4KS/L6361 CORRESPONDENC E NONE 00003	11-24-1999 <b>09-03-1996</b> NONE 00.0	NAVFAC - EFA WEST K. SPIELMAN DISTRIBUTION	NAVFAC - EFA WEST K. SPIELMAN DISTRIBUTION	SUBMISSION OF THE DRAFT TREATABILITY STUDY (TS) WORK PLAN (WP), INTRINSIC SEDIMENT PROCESSES STUDY (W/ OUT ENCLOSURE) [SEE AR #1331 - DRAFT WORK PLAN]	ADMIN RECORD	002 017				FRC - PERRIS  IMAGED APNT_009		181-03-0179 41074200	BOX 0035
N00236 / 000679 TC.A021.10075 MM N68711-00-D-0005 00010	06-16-2003 <b>09-17-1996</b> DO 0021	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	17 SEPTEMBER 1996 MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS (INCLUDES ATTENDANCE LIST AND AGENDA) [MISSING ATTACHMENT C]	ADMIN RECORD INFO REPOSITORY	002 003 005 007 010 013 014 016 017 018 022				FRC - PERRIS  IMAGED APNT_007		181-03-0188 41031858	BOX 0013
N00236 / 000019 NONE CORRESPONDENC E N62474-94-D-7420 00035	08-31-2000 <b>10-22-1996</b> DO 04	VARIOUS AGENCIES  NAVFAC - WESTERN DIVISION	VARIOUS AGENCIES  NAVFAC - WESTERN DIVISION	COMPILED COMMENTS ON DRAFT TREATABILITY STUDY WORKPLAN, INTRINSIC SEDIMENT PROCESSES STUDY (INCLUDES COMMENTS ON DRAFT SITE SPECIFIC HEALTH & SAFETY PLAN)	ADMIN RECORD	002 017				FRC - PERRIS  IMAGED APNT_002		181-03-0179 41074200	BOX 0001
N00236 / 001468 EFAW SER 1831.4/L7049 CORRESPONDENC E N62474-94-D-7430 00037	11-24-1999 <b>12-12-1996</b> DO 004 00.0	NAVFAC - EFA WEST K. SPIELMAN BERKELEY ENV. RESTORATION CENT J. HUNT	NAVFAC - EFA WEST K. SPIELMAN BERKELEY ENV. RESTORATION CENT J. HUNT	COMMENTS ON THE DRAFT INTRINSIC SEDIMENT PROCESSES STUDY AT SITES 2 AND 17 WORK PLAN (W/ ENCLOSURES)	ADMIN RECORD	002 017				FRC - PERRIS  IMAGED APNT_009		181-03-0179 41074200	BOX 0038

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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 001394 NONE REPORT N62474-94-D-7430 00391	11-24-1999 <b>02-01-1997</b> DO 0004 00.0	BERKELEY ENV. RESTORATION CTR. W. MABEY NAVFAC - EFA WEST K. SPIELMAN	FINAL TREATABILITY STUDY (TS) WORK PLAN (WP), INTRINSIC SEDIMENT PROCESSES STUDY, REVISION 1 (INCLUDES REPLACEMENT PAGES CONVERTING DRAFT FINAL TO FINAL, REVISION 1)	ADMIN RECORD	002 017	FRC - PERRIS  IMAGED APNT_025	181-03-0179 41074200	BOX 0037
N00236 / 000682 TC.A021.10075 MM N68711-00-D-0005 00011	06-16-2003 <b>02-18-1997</b> DO 0021	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	18 FEBRUARY 1997 MONTHLY TRACKING MEETING MINUTES FOR ENVIRONMENTAL ACTIONS (INCLUDES ATTENDANCE LIST AND AGENDA)	ADMIN RECORD INFO REPOSITORY	002 003 005 007 014 017 022	FRC - PERRIS  IMAGED APNT_007	181-03-0188 41031858	BOX 0014
N00236 / 001469 EFAW SER 1831.4/L7134 CORRESPONDENC E N62474-94-D-7430 00001	11-24-1999 <b>03-25-1997</b> 00004 00.0	NAVFAC - EFA WEST K. SPIELMAN BERKELEY ENV. RESTOR. CENTER J. HUNT	ACCEPTANCE OF THE DRAFT FINAL TREATABILITY STUDY WORK PLAN (WP), REVISION 1	ADMIN RECORD	002 017	FRC - PERRIS  IMAGED APNT_008	181-03-0179 41074200	BOX 0038
N00236 / 001401  RESP N62474-88-D-5086 00100	11-24-1999 <b>04-29-1997</b> 00107	PRC  NAVY BERNHARD, TERESA	RESPONSE TO COMMENTS FOR THE DRAFT REVISED 02 OPERABLE UNIT 4 (OU 4) ECOLOGICAL RISK ASSESSMENT (ERA) AND DRAFT OU 4 FOLLOW-ON ECOLOGICAL ASSESSMENT (EA) WORK PLAN/	ADMIN RECORD	017 020 OU 4	SOUTHWEST DIVISION - BLDG. 1		
N00236 / 001381  RESP NONE 00005	11-24-1999 <b>04-30-1997</b> NONE 00.0	NAVY BERNHARD, TERESA DTSC LANPHAR, THOMAS	RESPONSE TO COMMENTS FOR THE DRAFT REVISED 02 OPERABLE UNIT 4 (OU 4) ECOLOGICAL ASSESSMENT (EA) AND DRAFT OPERABLE UNIT 4 (OU 4) FOLLOW- ON ECOLOGICAL ASSESSMENT (EA)	INFO REPOSITORY	017 020 OU 4	FRC - PERRIS  IMAGED APNT_027	181-03-0179 41074200	BOX 0036

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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 001481 PROJECT NO. USN97-032 REPORT NONE 00206	11-24-1999 <b>02-01-1998</b> NONE 00.0	NEW WORLD TECHNOLOGY  NAVFAC - EFA WEST	NEW WORLD TECHNOLOGY  NAVFAC - EFA WEST	FINAL REPORT, RADIOLOGICAL CHARACTERIZATION SURVEY OF STORM DRAINS (SEE AR #1480 - EFA WEST TRANSMITTAL LETTER BY G. KIKUGAWA)	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_009	181-03-0179 BOX 0038 41074200
N00236 / 001567 NONE CORRESPONDENC E N62474-94-D-7609 00113	11-24-1999 <b>08-01-1998</b> 00147 00.0	TETRA TECH  NAVFAC - EFA WEST G. KIKUGAWA	TETRA TECH  NAVFAC - EFA WEST G. KIKUGAWA	FINAL RADIOLOGICAL REMOVAL ACTION (RM) FOR IR SITES 1, 2, 5, 10, AND STORM DRAIN LINE F, IMPLEMENTATION WORK PLAN (WP) TECHNICAL SPECIFICATIONS (SEE AR #1566 - EFA WEST TRANSMITTAL LETTER BY G. KIKUGAWA)	ADMIN RECORD	002 005 010 017 SITE 00001	FRC - PERRIS  IMAGED APNT_009	181-03-0179 BOX 0040 41074200
N00236 / 001568 NONE REPORT N62474-94-D-7609 00009	11-24-1999 <b>08-01-1998</b> 00147 00.0	TETRA TECH EM INC.  NAVFAC - EFA WEST G. KIKUGAWA	TETRA TECH EM INC.  NAVFAC - EFA WEST G. KIKUGAWA	FINAL RADIOLOGICAL REMOVAL ACTION (RM) FOR IR SITES 1, 2, 5, 10, AND STORM DRAIN LINE F, IMPLEMENTATION WORK PLAN (WP) DRAWINGS (SEE AR #1566 - EFA WEST TRANSMITTAL LETTER BY G. KIKUGAWA)	ADMIN RECORD	002 005 010 017 SITE 00001	FRC - PERRIS  IMAGED APNT_009	181-03-0179 BOX 0040 41074200
N00236 / 000036 NONE REPORT N62474-94-D-7609 00091	11-20-2000 <b>08-06-1998</b> 00124	TETRA TECH EM INC. BOUCHER, P. NAVFAC - EFA WEST	TETRA TECH EM INC. BOUCHER, P. NAVFAC - EFA WEST	DRAFT ECOLOGICAL RISK ASSESSMENT, QUALITY ASSURANCE PROJECT PLAN - BREAKWATER BEACH, PIER AREA AND THE SEAPLANE LAGOON (SEE ***COMMENTS)	ADMIN RECORD INFO REPOSITORY	OU 0004 SITE 00017 SITE 00020 SITE 00024	FRC - PERRIS  IMAGED APNT_025	181-08-0082 BOX 0001 40095306 SAI
N00236 / 001593 NONE CORRESPONDENC E NONE 00002	11-24-1999 <b>12-28-1998</b> NONE 00.0	BERKELEY ENVIRONMENTAL RESTORATION CENTER J. HUNT NAVFAC - EFA WEST	BERKELEY ENVIRONMENTAL RESTORATION CENTER J. HUNT NAVFAC - EFA WEST	REVIEW OF DRAFT TECHNICAL REPORTS FOR INTRINSIC SEDIMENT PROCESSES AT SEAPLANE LAGOON AND WEST BEACH LANDFILL WETLANDS [SEE AR #1592 - EFAW TRANSMITTAL LETTER BY R. YEE]	ADMIN RECORD	002 017	FRC - PERRIS  IMAGED APNT_022	181-03-0179 BOX 0042 41074200

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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 001592	11-24-1999	NAVFAC - EFA WEST	NAVFAC - EFA WEST	TRANSMITTAL OF 1) REVIEW OF DRAFT TECHNICAL REPORTS FOR INTRINSIC SEDIMENT PROCESSES AND 2) DRAFT TECHNICAL REPORTS, APPENDICES B THROUGH E, H, AND I (W/OUT ENCLOSURES) [SEE AR #1593 - ENCLOSURE 1 AND AR #1594 - ENCLOSURES 2 THROUGH 7]	ADMIN RECORD	002 017	FRC - PERRIS	181-03-0179 BOX 0042 41074200
EFAW SER 612.14/L9066	12-29-1998	R. YEE	R. YEE				IMAGED APNT_022	
CORRESPONDENC E	00.0	VARIOUS AGENCIES	VARIOUS AGENCIES					
NONE 00003								
N00236 / 001594	11-24-1999	BERKELEY ENVIRONMENTAL RESTORATION CENTER	BERKELEY ENVIRONMENTAL RESTORATION CENTER	DRAFT TECHNICAL REPORTS, APPENDICES B THROUGH E, H, AND I [SEE AR #1592 - EFAW TRANSMITTAL LETTER BY R. YEE AND AR #1597 - APPENDICES A, F, AND G]	ADMIN RECORD	002 017	FRC - PERRIS	181-03-0179 BOX 0042 41074200
NONE REPORT	12-29-1998						IMAGED APNT_022	
NONE 00340	NONE 00.0	NAVFAC - EFA WEST	NAVFAC - EFA WEST					
N00236 / 001596	11-24-1999	NAVFAC - EFA WEST	NAVFAC - EFA WEST	TRANSMITTAL OF SAMPLING LOCATIONS IN SEAPLANE LAGOON AND DRAFT TECHNICAL REPORTS, APPENDICES A, F, AND G (W/OUT ENCLOSURES) [SEE AR #1597 - ENCLOSURES, AND AR #1594 - DRAFT TECHNICAL REPORTS, APPENDICES B THROUGH E, H, AND I]	ADMIN RECORD	002 017	FRC - PERRIS	181-03-0179 BOX 0042 41074200
EFAW SER 612.14/9015	01-29-1999	R. YEE	R. YEE				IMAGED APNT_022	
CORRESPONDENC E	00.0	VARIOUS AGENCIES	VARIOUS AGENCIES					
NONE 00003								
N00236 / 001597	11-24-1999	BERKELEY ENVIRONMENTAL RESTORATION CENTER	BERKELEY ENVIRONMENTAL RESTORATION CENTER	DRAFT TECHNICAL REPORTS, APPENDICES A, F AND G [SEE AR #1596 - EFAW TRANSMITTAL LETTER BY R. YEE AND AR #1594 - DRAFT TECHNICAL REPORTS, APPENDICES B THROUGH E, H, AND I]	ADMIN RECORD	002 017	FRC - PERRIS	181-03-0179 BOX 0042 41074200
NONE REPORT	01-29-1999	J. HUNT	J. HUNT				IMAGED APNT_022	
NONE 00079	NONE 00.0	VARIOUS AGENCIES	VARIOUS AGENCIES					
N00236 / 001600	11-24-1999	BERKELEY ENV. RESTORATION CTR.	BERKELEY ENV. RESTORATION CTR.	PRELIMINARY DRAFT FINAL TREATABILITY STUDY (TS) REPORT, INTRINSIC SEDIMENTS PROCESSES STUDY AT WEST BEACH LANDFILL WETLANDS (SITE 2) AND SEAPLANE LAGOON (SITE 17)	ADMIN RECORD	002 017	SOUTHWEST DIVISION - BLDG. 110 BOX 42 - 04/05/06	
ROD N62474-94-D-7430	02-08-1999	HUNT, JAMES	HUNT, JAMES					
00035	00004 00.0	DTSC YEE, RONALD	DTSC YEE, RONALD					

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Approx. # Pages	EPA Cat. #	Recipient	Recipient								
N00236 / 001599	11-24-1999	NAVY	NAVY	SUBMISSION OF THE PRELIMINARY DRAFT	ADMIN RECORD	002				SOUTHWEST	
	<b>02-12-1999</b>	YEE, RONALD	YEE, RONALD	FINAL TREATABILITY STUDY (TS) REPORT,		017				DIVISION - BLDG. 110	
CORRESPONDENC	00004	DTSC	DTSC	INTRINSIC SEDIMENTS PROCESSES STUDY						BOX 42 - 04/05/06	
E	00.0	CASSA, MARY	CASSA, MARY	AT WEST BEACH LANDFILL WETLANDS							
N62474-94-D-7430		ROSE	ROSE	(SITE 2) AND SEAPLAN							
00002											
N00236 / 001680	01-21-2000	NAVFAC -	NAVFAC -	06 JULY 1999 DRAFT RESTORATION	ADMIN RECORD	002				FRC - PERRIS	181-03-0179 BOX 0045
NONE	<b>07-06-1999</b>	WESTERN	WESTERN	ADVISORY BOARD (RAB) MEETING	SENSITIVE	006					41074200
MM	NONE	DIVISION	DIVISION	SUMMARY (INCLUDES AGENDA, HANDOUTS		007				IMAGED	
NONE	10.4			AND SIGN-IN SHEETS) [PORTION OF THE		008				APNT_009	
00071		NAVFAC -	NAVFAC -	SIGN-IN SHEET IS CONFIDENTIAL]		015					
		WESTERN	WESTERN			016					
		DIVISION	DIVISION			017					
						025					
						BLDG. 400					
						BLDG. 5					
						OU 1					
						OU 2					
						OU 3					
						OU 4					
						SITE 00001					



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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 001676	01-21-2000	NAVFAC -	11 NOVEMBER 1999 DRAFT RESTORATION	ADMIN RECORD	002	FRC - PERRIS	181-03-0179	BOX 0045
NONE	11-11-1999	SOUTHWEST	ADVISORY BOARD (RAB) MEETING		004		41074200	
MM	NONE	DIVISION	SUMMARY (INCLUDES AGENDA, VARIOUS		006	IMAGED		
NONE	10.4		HANDOUTS AND SIGN-IN SHEETS)		007	APNT_025		
00043		VARIOUS			008			
		AGENCIES			010			
					012			
					015			
					016			
					017			
					018			
					020			
					024			
					025			
					BLDG. 400			
					BLDG. 5			
					OU 1			
					OU 2			
					OU 3			
					OU 4			
					SITE 00001			
N00236 / 000589	06-11-2003	TETRA TECH EM	05 SEPTEMBER 2000 RESTORATION	ADMIN RECORD	002	FRC - PERRIS	181-03-0188	BOX 0013
TC.A021.10074	09-05-2000	INC.	ADVISORY BOARD (RAB) MEETING		003		41031858	
MM	DO 0021		SUMMARY (ATTENDANCE LIST IS MISSING)		005	IMAGED		
N68711-00-D-0005		NAVFAC -			010	APNT_007		
00008		SOUTHWEST			011			
		DIVISION			012			
					014			
					017			
					024			
					027			
					OU 3			
					SITE 00001			

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N00236 / 000596 TC.A021.10074 MM N68711-00-D-0005 00019	06-11-2003 04-03-2001 DO 0021	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	03 APRIL 2001 FINAL RESTORATION ADVISORY BOARD (RAB) MEETING SUMMARY (INCLUDES MEETING AGENDA AND SIGN-IN SHEETS)	ADMIN RECORD	014 015 017 024 025 OU 1 OU 2 OU 4	FRC - PERRIS  IMAGED APNT_007	181-03-0188 BOX 0013 41031858
N00236 / 000081 G477703 & SWDIV SER 06CA.MM/0354 CORRESPONDENC E GS-10F-0275K 00139	04-09-2001 04-04-2001 NONE	BATTELLE  NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL WORK PLAN - SEAPLANE LAGOON FISH TISSUE EVALUATION - INCLUDES SWDIV TRANSMITTAL LETTER BY M. MCCLELLAND (PORTIONS OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_002	181-03-0179 BOX 0003 41074200
N00236 / 000442 PROJECT NO. G477703 & SWDIV SER 06CA.MM\0353 MEMO GS-10F-0275K 00113	11-12-2002 04-04-2001 NONE	BATTELLE  NAVFAC - SOUTHWEST DIVISION	DRAFT SITE CHARACTERIZATION MEMORANDUM FOR THE SEAPLANE LAGOON - INCLUDES SWDIV TRANSMITTAL LETTER BY M. MCCLELLAND, DRAFT OUTLINE FOR REMEDIAL INVESTIGATION FOR SEAPLANE LAGOON AND PIER AREA & ELECTRONIC VERSION (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_009	181-03-0188 BOX 0006 41031858
N00236 / 003075 NONE CORRESPONDENC E NONE 00004	04-17-2008 04-23-2001 NONE	DTSC - BERKELEY CASSA, M. NAVFAC - SOUTHWEST BLOOM, M.	COMMENTS ON THE DRAFT FINAL WORK PLAN - SEAPLANE LAGOON FISH TISSUE EVALUATION (INCLUDES HERD COMMENTS DATED 19 APRIL 2001) [PORTION OF MAILING LIST IS SENSITIVE] {SEE AR # 81 - DRAFT FINAL WORK PLAN}	ADMIN RECORD SENSITIVE	SITE 00017	CHOICE IMAGING SOLUTIONS SW080523-10	
N00236 / 000185 G477703 & SWDIV SER 06CA.MM\0528 CORRESPONDENC E GS-10F-0275K 00153	07-05-2001 05-18-2001 NONE	BATTELLE  NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SEAPLANE LAGOON FISH TISSUE EVALUATION WORK PLAN - INCLUDES SWDIV TRANSMITTAL LETTER BY M. MCCLELLAND [PORTION OF THE MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_011	181-03-0179 BOX 0009 41074200

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N00236 / 000608	06-11-2003	TETRA TECH EM	04 SEPTEMBER 2001 FINAL RESTORATION	ADMIN RECORD	003	FRC - PERRIS	181-03-0188	BOX 0013
TC.A021.10074	09-04-2001	INC.	ADVISORY BOARD (RAB) MEETING		007		41031858	
MM	DO 0021		SUMMARY (INCLUDES MEETING AGENDA		009	IMAGED		
N68711-00-D-0005		NAVFAC -	AND SIGN-IN SHEETS)		011	APNT_007		
00014		SOUTHWEST			016			
		DIVISION			017			
					020			
					021			
					024			
					028			
					029			

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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000367	06-18-2002	NAVFAC -	TRANSMITTAL OF DRAFT SITE	ADMIN RECORD	002	FRC - PERRIS	181-03-0188	BOX 0002
SWDIV SER	06-14-2002	SOUTHWEST	MANAGEMENT PLAN AMENDMENT (W/	INFO REPOSITORY	006		41031858	
06CA.AD/0624	NONE	DIVISION	ENCLOSURE) [INCLUDES DRAFT SITE		007	IMAGED		
CORRESPONDENC		A. DICK	MANAGEMENT PLAN]		008	APNT_022		
E		US EPA - SAN			009			
NONE		FRANCISCO			013			
00035		A. COOK			014			
					015			
					016			
					017			
					019			
					020			
					022			
					023			
					024			
					025			
					026			
					027			
					028			
					029			
					AREA 1			
					AREA 2			
					AREA 3			
					OU 1			
					OU 2A			
					OU 2B			
					OU 2C			
					OU 3			
					OU 4A			
					OU 4B			
					OU 4C			
					OU 5			
					OU 6			
					SITE 00001			

**UIC No. / Rec. No.**

<b>Doc. Control No.</b>	<b>Prc. Date</b>	<b>Author Affil.</b>				<b>Location</b>	<b>FRC Accession No.</b>
<b>Record Type</b>	<b>Record Date</b>	<b>Author</b>				<b>SWDIV Box No(s)</b>	<b>FRC Warehouse</b>
<b>Contr./Guid. No.</b>	<b>CTO No.</b>	<b>Recipient Affil.</b>		<b>Subject</b>	<b>Classification</b>	<b>CD No.</b>	<b>FRC Box No(s)</b>
<b>Approx. # Pages</b>	<b>EPA Cat. #</b>	<b>Recipient</b>			<b>Sites</b>		
N00236 / 000409	08-28-2002	BATTELLE		FINAL BREAKWATER BEACH/SEAPLANE	ADMIN RECORD	013	FRC - PERRIS
PROJECT NO.	<b>08-14-2002</b>	V. LAU		LAGOON SUPPLEMENTAL AMPHIPOD	INFO REPOSITORY	017	181-03-0188 BOX 0004
G477703	NONE	NAVFAC -		TOXICITY STUDY SITE-SPECIFIC HEALTH	SENSITIVE	OU 2A	41031858
REPORT		SOUTHWEST		AND SAFETY PLAN (PORTION OF THE		IMAGED	
GS-10F-0275K		DIVISION		EMERGENCY CONTACT LIST IS		APNT_010	
00072				CONFIDENTIAL)			

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N00236 / 000412	08-29-2002	TETRA TECH EM	TETRA TECH EM	DRAFT SUPPLEMENTAL ENVIRONMENTAL	ADMIN RECORD	002	FRC - PERRIS	181-03-0188 BOX 0004
TC.0190.11423 -	08-16-2002	INC.	INC.	BASELINE SURVEY	INFO REPOSITORY	003		41031858
MOD. 2	00190	G. FOULK	G. FOULK			004	IMAGED	
REPORT		NAVFAC -	NAVFAC -			005	APNT_027	
N62474-94-D-7609		SOUTHWEST	SOUTHWEST			006		
00417		DIVISION	DIVISION			007		
						008		
						009		
						010		
						011		
						012		
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						028		
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						OU 1		
						OU 2A		
						OU 2B		
						OU 2C		
						OU 3		
						OU 4A		
						OU 4B		
						OU 4C		

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Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject	Classification	Sites	Location SWDIV Box No(s) CD No.	FRC Accession No. FRC Warehouse FRC Box No(s)
N00236 / 000470 SWDIV SER 06CA.AD/0357 REPORT NONE 00031	02-06-2003 <b>01-16-2003</b> NONE	NAVFAC - SOUTHWEST DIVISION A. DICK U.S. EPA A. COOK	TRANSMITTAL OF SITE MANAGEMENT PLAN UPDATE (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	OU 5 OU 6 SITE 00001 017 020 024 025 029 OU 1 OU 2A OU 2B OU 2C OU 3 OU 4A OU 4B OU 4C OU 5 OU 6	FRC - PERRIS  IMAGED APNT_004	181-03-0188 BOX 0010 41031858
N00236 / 000995 TC.A021.10125 MM N68711-00-D-0005 00047	08-20-2003 <b>01-21-2003</b> DO 0021	TETRA TECH EM INC.  NAVFAC - SOUTHWEST DIVISION	21 JANUARY 2003 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MONTHLY TRACKING MEETING AFTER ACTION REPORT (INCLUDES AGENDA, SIGN-IN SHEET, AND HANDOUT MATERIALS) [PORTION OF THE SIGN-IN SHEET IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	005 007 009 011 013 014 015 016 017 020 021 027 028 029 OU 5 SITE 00001	FRC - PERRIS  IMAGED APNT_023	181-08-0082 BOX 0008 40095306 SAI

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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 000269 PROJ. NO. G477703 REPORT GS-10F-0275K 00304	02-06-2003 01-28-2003 NONE	VARIOUS AGENCIES  NAVFAC - SOUTHWEST DIVISION	VARIOUS AGENCIES  NAVFAC - SOUTHWEST DIVISION	DRAFT REMEDIAL INVESTIGATION REPORT FOR SEAPLANE LAGOON (CD COPY OF APPENDICES ENCLOSED)	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_006	181-03-0188 BOX 0001 41031858
N00236 / 003095 NONE CORRESPONDENC E NONE 00016	04-23-2008 03-29-2003 NONE	DTSC - BERKELEY LIAO, M. NAVFAC - SOUTHWEST DICK, A.	DTSC - BERKELEY LIAO, M. NAVFAC - SOUTHWEST DICK, A.	COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION REPORT, SEAPLANE LAGOON (INCLUDES HERD COMMENTS DATED 05 MARCH 2003) [SEE AR # 269 - DRAFT REMEDIAL INVESTIGATION REPORT]	ADMIN RECORD	OU 0004B SITE 00017	SOUTHWEST DIVISION - BLDG. 110	
N00236 / 003091 NONE CORRESPONDENC E NONE 00008	04-23-2008 05-06-2003 NONE	SIERRA CLUB NORTHERN ALAMEDA COUNTY REGIONAL GROUP SMITH, W. NAVFAC - EFA WEST EDDE, S.	SIERRA CLUB NORTHERN ALAMEDA COUNTY REGIONAL GROUP SMITH, W. NAVFAC - EFA WEST EDDE, S.	COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION REPORT, SEAPLANE LAGOON (SEE AR # 269 - DRAFT REMEDIAL INVESTIGATION REPORT)	ADMIN RECORD	OU 0004B SITE 00017	SOUTHWEST DIVISION - BLDG. 110	
N00236 / 002411 FILE NO. 2199.9285 (JCH) CORRESPONDENC E NONE 00004	08-21-2006 05-27-2003 NONE	CRWQCB - OAKLAND J. HUANG NAVFAC - SOUTHWEST DIVISION A. DICK	CRWQCB - OAKLAND J. HUANG NAVFAC - SOUTHWEST DIVISION A. DICK	LIMITED REVIEW AND COMMENTS ON REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD SENSITIVE	017	FRC - PERRIS  IMAGED APNT_021	181-03-0179 BOX 0025 41074200

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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 000772	08-04-2003	NAVFAC -	JULY 2003 ALAMEDA POINT FOCUS	ADMIN RECORD	002	FRC - PERRIS	181-03-0188	BOX 0016
NONE	07-01-2003	SOUTHWEST	ENVIRONMENTAL NEWSLETTER		003		41031858	
PUB NOTICE	NONE	DIVISION			004	IMAGED		
NONE		M. MCCLELLAND			005	APNT_008		
00016		PUBLIC INTEREST			006			
					007			
					008			
					009			
					010			
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Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 001712 PROJ. NO. G477703 & SWDIV SER 06CA.AD/1263 MISC GS-10F-0275K 00163	09-19-2003 <b>09-08-2003</b> NONE	BATTELLE  NAVFAC - SOUTHWEST DIVISION	COMPILED RESPONSES TO COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION REPORT FOR SEAPLANE LAGOON (INCLUDES SWDIV TRANSMITTAL LETTER BY M. MCCLELLAND) [PORTION OF THE MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_023	181-08-0082 40095306 SAI	BOX 0010
N00236 / 003093 NONE CORRESPONDENC E NONE 00003	04-23-2008 <b>09-26-2003</b> NONE	DTSC - BERKELEY LIAO, M. VARIOUS AGENCIES	RESPONSE TO PROPOSAL BY CITY OF ALAMEDA TO REUSE DREDGED MATERIALS FROM SEAPLANE LAGOON AS FOUNDATION LAYER FOR THE LANDFILL CAP (SEE COMMENTS.)	ADMIN RECORD	SITE 00001 SITE 00017	SOUTHWEST DIVISION - BLDG. 110		
N00236 / 002453 NONE CORRESPONDENC E NONE 00009	08-23-2006 <b>10-08-2003</b> NONE	DTSC - BERKELEY M. LIAO NAVFAC - SOUTHWEST DIVISION A. DICK	REVIEW AND COMMENTS ON RESPONSE TO COMMENTS ON DRAFT REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON (INCLUDES HERD COMMENTS BY J. POLISINI DATED 24 SEPTEMBER 2003)	ADMIN RECORD	017 OU 4B	FRC - PERRIS  IMAGED APNT_021	181-03-0179 41074200	BOX 0025
N00236 / 002452 NONE CORRESPONDENC E NONE 00003	08-23-2006 <b>10-28-2003</b> NONE	CA DEPT. OF FISH AND GAME C. HUANG DTSC - BERKELEY M. LIAO	REVIEW AND COMMENTS ON DRAFT REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON AND RESPONSE TO COMMENTS ON DRAFT RI REPORT	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 41074200	BOX 0025
N00236 / 003092 NONE CORRESPONDENC E NONE 00002	04-23-2008 <b>11-14-2003</b> NONE	DHS - SACRAMENTO BAILEY, D. DTSC - BERKELEY LAIO, M.	COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION REPORT, SEAPLANE LAGOON (SEE AR # 269 - DRAFT REMEDIAL INVESTIGATION REPORT)	ADMIN RECORD	OU 0004B SITE 00017	SOUTHWEST DIVISION - BLDG. 110		

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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 001754 G477703 & SWDIV SER 06CA.GL/1546 CORRESPONDENC E GS-10F-0275K 00021	01-14-2004 <b>12-04-2003</b> NONE	NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA U.S. EPA - SAN FRANCISCO A. COOK	ADDITIONAL RESPONSES TO COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION (RI) REPORTS FOR THE SEAPLANE LAGOON AND THE SKEET RANGE {PORTION OF THE MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	017 029	FRC - PERRIS  IMAGED APNT_023	181-08-0082 40095306 SAI	BOX 0012
N00236 / 001768 SWDIV SER 06CA.DN/0125 CORRESPONDENC E NONE 00012	03-01-2004 <b>12-10-2003</b> NONE	NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA U.S. EPA - SAN FRANCISCO A. COOK	TRANSMITTAL OF 10 DECEMBER 2003 MEETING MINUTES REGARDING THE NAVY'S RESPONSE TO AGENCY COMMENTS (RTC) ON THE DRAFT SKEET RANGE REMEDIAL INVESTIGATION REPORT AND SEAPLANE LAGOON FEASIBILITY STUDY SCOPING MEETING (W/ ENCLOSURE)	ADMIN RECORD INFO REPOSITORY	017 029 SITE 00001	FRC - PERRIS  IMAGED APNT_025	181-08-0082 40095306 SAI	BOX 0014
N00236 / 002537 NONE CORRESPONDENC E NONE 00003	09-19-2006 <b>01-12-2004</b> NONE	U.S. FISH AND WILDLIFE SERVICE D. HARLOW NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON RESPONSE TO COMMENTS ON DRAFT REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_021	181-03-0179 41074200	BOX 0005
N00236 / 003083 NONE MINUTES NONE 00005	04-23-2008 <b>02-24-2004</b> NONE	BATTELLE LAU, V. VARIOUS AGENCIES	24 FEBRUARY 2004 FINAL SEAPLANE LAGOON FEASIBILITY STUDY STRATEGY MEETING MINUTES	ADMIN RECORD	SITE 00017	SOUTHWEST DIVISION - BLDG. 110		
N00236 / 003084 NONE MINUTES NONE 00008	04-23-2008 <b>05-03-2004</b> NONE	BATTELLE LAU, V. VARIOUS AGENCIES	03 MAY 2004 DRAFT SEAPLANE LAGOON FEASIBILITY STUDY ALTERNATIVES MEETING MINUTES	ADMIN RECORD	SITE 00017	SOUTHWEST DIVISION - BLDG. 110		

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Record Type	Record Date	Author	Recipient Affil.							Location		FRC Accession No.	
Contr./Guid. No.	CTO No.	Recipient	Subject		Classification	Sites		SWDIV Box No(s)		FRC Warehouse		FRC Box No(s)	
Approx. # Pages	EPA Cat. #	Recipient						CD No.					
N00236 / 001858 SWDIV SER. 06CA.DN/0572 CORRESPONDENC E NONE 00006	08-16-2004 <b>05-27-2004</b> NONE	NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA U.S. EPA - SAN FRANCISCO A. COOK	TRANSMITTAL OF DRAFT FINAL REMEDIAL INVESTIGATION REPORT, SEAPLANE LAGOON (W/OUT ENCLOSURE) [SEE AR #1860 - FINAL REMEDIAL INVESTIGATION REPORT] (PORTION OF THE MAILING LIST IS SENSITIVE)		ADMIN RECORD INFO REPOSITORY SENSITIVE	017		FRC - PERRIS  IMAGED APNT_025		181-08-0082 40095306 SA	BOX 0021		
N00236 / 001860 SWDIV SER 06CA.DN/0685 & SER 06CA.DN/0572 REPORT NONE 00362	08-16-2004 <b>06-01-2004</b> NONE	BATTELLE  NAVFAC - SOUTHWEST DIVISION	FINAL REMEDIAL INVESTIGATION REPORT FOR THE SEAPLANE LAGOON [INCLUDES SWDIV TRANSMITTAL LETTER BY T. MACCHIARELLA] (PORTION OF THE MAILING LIST IS SENSITIVE, CD COPY OF APPENDICES A THROUGH I ENLCOSED)		ADMIN RECORD INFO REPOSITORY SENSITIVE	017		FRC - PERRIS  IMAGED APNT_015		181-08-0082 40095306 SA	BOX 0021		
N00236 / 002590 NONE CORRESPONDENC E NONE 00004	10-31-2006 <b>06-21-2004</b> NONE	U.S. FISH AND WILDLIFE SERVICE D. HARLOW NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON		ADMIN RECORD INFO REPOSITORY	017		FRC - PERRIS  IMAGED APNT_027		181-08-0082 40095306 SA	BOX 0061		
N00236 / 002099 NONE CORRESPONDENC E NONE 00001	08-22-2005 <b>06-29-2004</b> NONE	U.S. FISH AND WILDLIFE SERVICE B. STANTON NAVFAC - SOUTHWEST DIVISION V. LAU	ELECTRONIC MAIL PROVIDING THE U.S. FISH AND WILDLIFE SERVICE CONCURRENCE WITH NO FURTHER ACTION (NFA) ON DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORTS FOR SEAPLANE LAGOON AND SKEET RANGE		ADMIN RECORD INFO REPOSITORY	017 029		FRC - PERRIS  IMAGED APNT_006		181-08-0082 40095306 SA	BOX 0037		
N00236 / 002589 NONE CORRESPONDENC E NONE 00002	10-31-2006 <b>06-29-2004</b> NONE	US EPA - SAN FRANCISCO M. RIPPERDA NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON		ADMIN RECORD INFO REPOSITORY	017		FRC - PERRIS  IMAGED APNT_027		181-08-0082 40095306 SA	BOX 0061		

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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
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N00236 / 002591 FILE NO. 2199.9285(JCH) CORRESPONDENC E NONE 00005	10-31-2006 <b>07-02-2004</b> NONE	CRWQCB - OAKLAND J. HUANG NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT, SEAPLANE LAGOON (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD SENSITIVE	017	FRC - PERRIS  IMAGED APNT_027	181-08-0082 40095306 SA1	BOX 0061
N00236 / 003086 GS-10F-0275K CORRESPONDENC E NONE 00005	04-23-2008 <b>07-07-2004</b> NONE	BATTELLE  NAVFAC - SOUTHWEST	RESPONSE TO COMMENTS ON THE DRAFT FINAL REMEDIAL INVESTIGATION REPORT, SEAPLANE LAGOON (SEE AR # 1858 - FINAL REMEDIAL INVESTIGATION REPORT, SEAPLANE LAGOON) [SEE COMMENTS]	ADMIN RECORD	SITE 00017	SOUTHWEST DIVISION - BLDG. 110		
N00236 / 002438 NONE CORRESPONDENC E NONE 00001	08-22-2006 <b>01-26-2005</b> NONE	USEPA - SAN FRANCISCO A. COOK NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REQUEST FOR THIRTY (30) DAY EXTENSION FOR REVIEW OF DRAFT FEASIBILITY STUDY (FS) REPORT, SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 41074200	BOX 0025
N00236 / 002439 NONE CORRESPONDENC E NONE 00004	08-22-2006 <b>02-01-2005</b> NONE	ALAMEDA REUSE AND REDEVELOPMENT AUTHORITY D. POTTER BRAC PMO WEST T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT FEASIBILITY STUDY (FS) REPORT, SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 41074200	BOX 0025
N00236 / 002440 NONE CORRESPONDENC E NONE 00005	08-22-2006 <b>02-17-2005</b> NONE	RAB L. LOIZOS BRAC PMO WEST T. MACCHIARELLA	RESTORATION ADVISORY BOARD (RAB) COMMENTS ON DRAFT FEASIBILITY STUDY (FS) REPORT, SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 41074200	BOX 0025

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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 002445 FILE NO. 2199.9285(NLF) CORRESPONDENC E NONE 00004	08-22-2006 <b>03-02-2005</b> NONE	CRWQCB - OAKLAND N. FEGER NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT FEASIBILITY STUDY (FS) REPORT, SEAPLANE LAGOON (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 41074200	BOX 0025
N00236 / 002533 NONE CORRESPONDENC E NONE 00015	09-19-2006 <b>03-15-2005</b> NONE	DTSC - SACRAMENTO M. LIAO BRAC PMO WEST T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT FEASIBILITY STUDY (FS), SEAPLANE LAGOON (INCLUDES HERD COMMENTS BY J. POLISINI DATED 2 FEBRUARY 2005 AND DHS REVIEW AND NO COMMENTS BY D. BAILEY DATED 27 JANUARY 2005) [PORTION OF THE MAILING LIST IS SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_024	181-03-0179 41074200	BOX 0005
N00236 / 002718 NONE CORRESPONDENC E NONE 00007	03-22-2007 <b>07-01-2005</b> NONE	DTSC - BERKELEY LIAO, M. NAVFAC - SOUTHWEST DIVISION MACCHIARELLA, T.	REVIEW AND COMMENTS ON DRAFT FINAL FEASIBILITY STUDY (FS) REPORT, SEAPLANE LAGOON (INCLUDES HERD COMMENTS DATED 28 JUNE 2005) [SEE AR # 2044 - FINAL FEASIBILITY STUDY REPORT] {SEE ***COMMENTS}	ADMIN RECORD INFO REPOSITORY	SITE 00017	FRC - PERRIS  IMAGED APNT_029	181-08-0082 40095306 SAI	BOX 0071
N00236 / 003101 NONE CORRESPONDENC E NONE 00007	04-23-2008 <b>07-01-2005</b> NONE	DTSC - BERKELEY LIAO, M. NAVFAC - SOUTHWEST MACCHIARELLA, T.	COMMENTS ON THE DRAFT FINAL FEASIBILITY STUDY REPORT FOR SEAPLANE LAGOON (INCLUDES COMMENTS BY HERD DATED 28 JUNE 2005) [SEE AR # 2044 - FINAL FEASIBILITY STUDY REPORT] {SEE COMMENTS.}	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 110		
N00236 / 002116 NONE CORRESPONDENC E NONE 00003	09-12-2005 <b>07-06-2005</b> NONE	CRWQCB - SAN FRANCISCO J. HUANG NAVFAC - SOUTHWEST DIVISION T. MACCHIARELLA	COMMENTS ON DRAFT FINAL FEASIBILITY STUDY (FS) REPORT AT SEAPLANE LAGOON (PORTION OF THE MAILING LIST IS SENSITIVE)	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_017	181-08-0082 40095306 SAI	BOX 0037

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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 002044	06-03-2005	BATTELLE	BATTELLE	FINAL FEASIBILITY STUDY (FS) REPORT FOR SEAPLANE LAGOON (INCLUDES REPLACEMENT PAGES CONVERTING DRAFT FINAL DATED 5/27/05 TO FINAL AND BRAC PMO WEST TRANSMITTAL LETTER BY T. MACCHIARELLA) [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS	181-08-0082 BOX 0034 40095306 SAI
GS-10F-0275K & BRAC SER BPMOW.DN/0764 REPORT N47408-01-D-8207 00404	07-22-2005 NONE	BRAC PMO WEST	BRAC PMO WEST				IMAGED APNT_017	
N00236 / 002307	05-18-2006	BRAC PMO WEST	BRAC PMO WEST	TRANSMITTAL OF REPLACEMENT PAGES CONVERTING THE DRAFT FINAL DATED 27 MAY 2005 TO FINAL FEASIBILITY STUDY (FS) REPORT FOR SEAPLANE LAGOON (W/OUT ENCLOSURES) [SEE AR #2044 - FINAL FEASIBILITY STUDY REPORT] {REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT}	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS	181-08-0082 BOX 0052 40095306 SAI
BRAC SER BPMOW.DN/0988 CORRESPONDENCE NONE 00007	07-22-2005 NONE	T. MACCHIARELLA USEPA - SAN FRANCISCO A. COOK	T. MACCHIARELLA				IMAGED APNT_020	
N00236 / 002117	09-12-2005	BRAC PMO WEST	BRAC PMO WEST	ELECTRONIC MAIL PROVIDING RESPONSE TO RWQCB COMMENTS ON DRAFT FINAL FEASIBILITY STUDY (FS) REPORT AT SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS	181-08-0082 BOX 0037 40095306 SAI
NONE RESPONSE NONE 00002	08-26-2005 NONE	C. DOMINGO CRWQCB - SAN FRANCISCO J. HUANG	C. DOMINGO				IMAGED APNT_017	
N00236 / 002136	10-19-2005	BRAC PMO WEST	BRAC PMO WEST	DRAFT PROPOSED PLAN FOR SEAPLANE LAGOON [INCLUDES BRAC PMO WEST TRANSMITTAL LETTER BY T.L. MACCHIARELLA]	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS	181-08-0082 BOX 0039 40095306 SAI
BRAC SER BPMOW.CD\1289 REPORT NONE 00020	10-01-2005 NONE	NAVFAC - SOUTHWEST DIVISION	NAVFAC - SOUTHWEST DIVISION				IMAGED APNT_023	
N00236 / 002175	12-14-2005	CRWQCB - OAKLAND	CRWQCB - OAKLAND	REVIEW AND COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE SEAPLANE LAGOON	ADMIN RECORD	017	FRC - PERRIS	181-08-0082 BOX 0046 40095306 SAI
NONE CORRESPONDENCE NONE 00005	11-28-2005 NONE	J. HUANG BRAC PMO WEST T. MACCHIARELLA	J. HUANG				IMAGED APNT_006	

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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 002191 NONE CORRESPONDENC E NONE 00007	01-10-2006 12-16-2005 NONE	DTSC - BERKELEY M. LIAO BRAC PMO WEST T. MACCHIARELLA	DTSC - BERKELEY M. LIAO BRAC PMO WEST T. MACCHIARELLA	REVIEW AND COMMENTS ON THE DRAFT PROPOSED PLANS FOR SEAPLANE LAGOON (INCLUDES COMMENTS BY HERD DATED 11/18/05)	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_006	181-08-0082 BOX 0047 40095306 SA
N00236 / 002231 BRAC SER BPMOW.TH/0039 CORRESPONDENC E NONE 00003	03-10-2006 01-18-2006 NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	REQUEST FOR EXTENSION ON SUBMITTAL DATES FOR THE FOLLOWING DRAFT FINAL PROPOSED PLANS (PP): SITE 14, SITE 17, SITE 28, OPERABLE UNIT 1 AND OPERABLE UNIT 5	ADMIN RECORD	014 017 028 OU 1 OU 5	FRC - PERRIS  IMAGED APNT_006	181-08-0082 BOX 0049 40095306 SA
N00236 / 002195 BRAC SER BPMOW.CD\0038 REPORT NONE 00034	01-26-2006 02-01-2006 NONE	BRAC PMO WEST VARIOUS AGENCIES	BRAC PMO WEST VARIOUS AGENCIES	DRAFT FINAL PROPOSED PLAN FOR FORMER SEAPLANE LAGOON (INCLUDES BRAC PMO WEST TRANSMITTAL LETTER BY T. MACCHIARELLA AND SUMMARY OF RESPONSES TO COMMENTS ON DRAFT DATED 10/1/05)	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_024	181-08-0082 BOX 0048 40095306 SA
N00236 / 003120 NONE CORRESPONDENC E NONE 00003	05-07-2008 02-14-2006 NONE	CRWQCB - OAKLAND HUANG, J. US EPA - SAN FRANCISCO RIPPERDA, M.	CRWQCB - OAKLAND HUANG, J. US EPA - SAN FRANCISCO RIPPERDA, M.	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR FORMER SEAPLANE LAGOON (SEE AR # 2195 - DRAFT FINAL PROPOSED PLAN)	ADMIN RECORD INFO REPOSITORY	SITE 00017	CHOICE IMAGING SOLUTIONS SW080523-10	
N00236 / 003121 NONE CORRESPONDENC E NONE 00002	05-07-2008 02-14-2006 NONE	CRWQCB - OAKLAND HUANG, J. BRAC PMO WEST RICHARDSON, C.	CRWQCB - OAKLAND HUANG, J. BRAC PMO WEST RICHARDSON, C.	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR FORMER SEAPLANE LAGOON (SEE AR # 2195 - DRAFT FINAL PROPOSED PLAN)	ADMIN RECORD INFO REPOSITORY	SITE 00017	CHOICE IMAGING SOLUTIONS SW080523-10	
N00236 / 001398 NONE PUBLIC NOTICE NONE 00001	08-20-2008 02-17-2006 NONE	ALAMEDA JOURNAL PUBLIC INTEREST	ALAMEDA JOURNAL PUBLIC INTEREST	PUBLIC NOTICE OF THE 01 MARCH 2006 PUBLIC MEETING AND 30-DAY PUBLIC COMMENT PERIOD (17 FEBRUARY - 17 MARCH 2006) ON THE PROPOSED PLAN FOR SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.				Location	FRC Accession No.	
Record Type	Record Date	Record Date	Author				SWDIV Box No(s)	FRC Warehouse	
Contr./Guid. No.	CTO No.	CTO No.	Recipient Affil.				CD No.	FRC Box No(s)	
Approx. # Pages	EPA Cat. #	EPA Cat. #	Recipient	Subject	Classification	Sites			
N00236 / 001206 NONE PUBLIC NOTICE NONE 00001	08-20-2008 <b>02-22-2006</b> NONE	08-20-2008 <b>02-22-2006</b> NONE	OAKLAND TRIBUNE  PUBLIC INTEREST	PUBLIC NOTICE OF THE 01 MARCH 2006 PUBLIC MEETING AND 30-DAY PUBLIC COMMENT PERIOD (17 FEBRUARY - 17 MARCH 2006) ON THE PROPOSED PLAN FOR SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1		
N00236 / 002302 NONE CORRESPONDENC E NONE 00001	05-11-2006 <b>02-24-2006</b> NONE	05-11-2006 <b>02-24-2006</b> NONE	PUBLIC COMMENT B. BAACK TO WHOM IT MAY CONCERN	COMMENTS ON THE PROPOSED PLAN (PP) FOR SEAPLANE LAGOON	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_006	181-08-0082	BOX 0052 40095306 SAI
N00236 / 002293 NONE CORRESPONDENC E NONE 00004	05-03-2006 <b>02-28-2006</b> NONE	05-03-2006 <b>02-28-2006</b> NONE	SAN QUENTIN STATE PRISON J. CASTRO BRAC PMO WEST T. MACCHIARELLA	COMMENTS ON THE PROPOSED PLAN (PP) FOR SEAPLANE LAGOON	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_006	181-08-0082	BOX 0052 40095306 SAI
N00236 / 002257 NONE CORRESPONDENC E NONE 00006	03-29-2006 <b>03-14-2006</b> NONE	03-29-2006 <b>03-14-2006</b> NONE	RAB CO-CHAIR G. HUMPHREYS BRAC PMO WEST T. MACCHIARELLA	REVIEW AND COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR SEAPLANE LAGOON (INCLUDES LIST OF REFERENCES, MAP OF OU-2B VOC PLUME IN GROUNDWATER AND MAP OF TOTAL CHLORINATED VOCs IN GROUNDWATER)	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_024	181-08-0082	BOX 0050 40095306 SAI
N00236 / 002301 NONE CORRESPONDENC E NONE 00002	05-11-2006 <b>03-17-2006</b> NONE	05-11-2006 <b>03-17-2006</b> NONE	PUBLIC COMMENT P. LYNCH BRAC PMO WEST T. MACCHIARELLA	E-MAILED PUBLIC COMMENTS ON THE PROPOSED PLAN (PP) FOR SEAPLANE LAGOON	ADMIN RECORD	017	FRC - PERRIS  IMAGED APNT_006	181-08-0082	BOX 0052 40095306 SAI
N00236 / 002340 BRAC SER BPMOW.CR/0478 CORRESPONDENC E NONE 00003	06-19-2006 <b>05-30-2006</b> NONE	06-19-2006 <b>05-30-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	REQUEST FOR AN EXTENSION ON SUBMITTAL OF THE DRAFT RECORD OF DECISION (ROD) FOR SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017 OU 4B	FRC - PERRIS  IMAGED APNT_020	181-08-0082	BOX 0059 40095306 SAI

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Contr./Guid. No.	CTO No.	CTO No.	Recipient Affil.	Constr./Guid. No.	EPA Cat. #	Recipient	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages			Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 002343 NONE REPORT N47408-01-D-8207 00179	06-19-2006 <b>06-01-2006</b> 00085	06-19-2006 <b>06-01-2006</b> 00085	NAVFAC - SOUTHWEST  BRAC PMO WEST	DRAFT RECORD OF DECISION (ROD), SEAPLANE LAGOON (INCLUDES REPLACEMENT PAGES SUBMITTED ON 30 JUNE 2006) [SEE AR #2342 AND AR #2371 - BRAC PMO WEST TRANSMITTAL LETTERS BY T. MACCHIARELLA]	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_020	181-08-0082 BOX 0059 40095306 SAI
N00236 / 002342 BRAC SER BPMOW.CR/0481 CORRESPONDENC E NONE 00003	06-19-2006 <b>06-02-2006</b> NONE	06-19-2006 <b>06-02-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	TRANSMITTAL OF DRAFT RECORD OF DECISION (ROD) FOR SEAPLANE LAGOON (SEE AR #2343 - DRAFT ROD)	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_020	181-08-0082 BOX 0059 40095306 SAI
N00236 / 002595 NONE CORRESPONDENC E NONE 00002	11-06-2006 <b>06-27-2006</b> NONE	11-06-2006 <b>06-27-2006</b> NONE	CITY OF ALAMEDA D. POTTER BRAC PMO WEST T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT RECORD OF DECISION (ROD), SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0061 40095306 SAI
N00236 / 002371 BRAC SER BPMOW.MEP/0574 CORRESPONDENC E NONE 00003	07-14-2006 <b>06-30-2006</b> NONE	07-14-2006 <b>06-30-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES FOR DRAFT RECORD OF DECISION (ROD), SEAPLANE LAGOON (W/OUT ENCLOSURES) [SEE AR #2343 - DRAFT ROD] {REPLACEMENT PAGES WERE INSERTED IN THE DOCUMENT}	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_021	181-08-0082 BOX 0059 40095306 SAI
N00236 / 002637 2199.9285(JCH) CORRESPONDENC E NONE 00002	12-20-2006 <b>07-26-2006</b> NONE	12-20-2006 <b>07-26-2006</b> NONE	CRWQCB - OAKLAND J. HUANG BRAC PMO WEST T. MACCHIARELLA	REVIEW AND COMMENTS ON DRAFT RECORD OF DECISION (ROD), SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0062 40095306 SAI
N00236 / 002424 NONE REPORT N47408-01-D-8207 00046	08-22-2006 <b>08-01-2006</b> 00085	08-22-2006 <b>08-01-2006</b> 00085	BATTELLE  BRAC PMO WEST	TECHNICAL MEMORANDUM FOR CONSTRUCTION DEBRIS PILE STUDY AT SEAPLANE LAGOON (SEE AR #2423 - BRAC PMO WEST TRANSMITTAL LETTER BY T. MACCHIARELLA)	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_016	181-03-0179 BOX 0025 41074200

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Contr./Guid. No.	CTO No.	Recipient Affil.	Author	Constr./Guid. No.	CTO No.	Recipient Affil.	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)	
N00236 / 002423 BRAC SER BPMOW.MEP/0706 CORRESPONDENC E NONE 00003	08-22-2006 <b>08-18-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	TRANSMITTAL OF TECHNICAL MEMORANDUM FOR CONSTRUCTION DEBRIS PILE STUDY AT SEAPLANE LAGOON (W/OUT ENCLOSURE) [SEE AR #2424 - TECHNICAL MEMORANDUM]	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_016	181-03-0179 BOX 0025 41074200	
N00236 / 002554 BRAC SER BPMOW.MEP/0823 CORRESPONDENC E NONE 00017	10-05-2006 <b>09-29-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	TRANSMITTAL OF DRAFT FINAL RECORD OF DECISION (ROD), SEAPLANE LAGOON (INCLUDES RESPONSES TO COMMENTS ON DRAFT ROD) [SEE AR #2555 - DRAFT FINAL ROD]	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_019	181-03-0179 BOX 0005 41074200	
N00236 / 002601 NONE REPORT N47408-01-D-8207 00179	11-14-2006 <b>10-01-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA BRAC PMO WEST	FINAL RECORD OF DECISION (ROD), SEAPLANE LAGOON (SEE AR #2600 - BRAC PMO WEST TRANSMITTAL LETTER) {PORTION OF THE DOCUMENT IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0061 40095306 SAI	
N00236 / 002555 NONE REPORT N47408-01-D-8207 00176	10-05-2006 <b>10-02-2006</b> 00085	NAVFAC - SOUTHWEST  BRAC PMO WEST	DRAFT FINAL RECORD OF DECISION (ROD), SEAPLANE LAGOON (SEE AR #2554 - BRAC PMO WEST TRANSMITTAL LETTER BY T. MACCHIARELLA) [PORTION OF THE SIGN-IN SHEET IN ATTACHMENT C AND PORITON OF THE LETTERS IN ATTACHMENT D ARE SENSITIVE]	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_019	181-03-0179 BOX 0005 41074200	
N00236 / 002578 NONE REPORT NONE 00019	10-26-2006 <b>10-26-2006</b> NONE	BRAC PMO  PUBLIC	FINAL PROPOSED PLAN - SEAPLANE LAGOON (PER BEC, THIS RECORD IS THE FINAL - COVER PAGE STATES DRAFT FINAL - 10/26/2006) (DRAFT FINAL IS AR # 2195, DATED 1 FEB 2006)	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_027	181-08-0082 BOX 0061 40095306 SAI	

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N00236 / 002600 BRAC SER BPMOW.MEP/0113 CORRESPONDENC E NONE 00005	11-14-2006 <b>11-08-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	TRANSMITTAL OF FINAL RECORD OF DECISION (ROD), SEAPLANE LAGOON (W/OUT ENCLOSURE) [SEE AR #2601 - FINAL ROD] (PORTION OF THE MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0061 40095306 SAI
N00236 / 002606 SES-TECH-07-0021 REPORT N68711-04-D-1104 00296	11-15-2006 <b>11-09-2006</b> 00012	SES-TECH R. MARGOTTO BRAC PMO WEST	FINAL SITE HEALTH AND SAFETY PLAN (HSP), PRE-DESIGN FIELD ACTIVITIES, SEAPLANE LAGOON	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0061 40095306 SAI
N00236 / 002911 NONE PUBLIC NOTICE NONE 00001	10-31-2007 <b>11-10-2006</b> NONE	BRAC PMO WEST  PUBLIC INTEREST	PUBLIC NOTICE OF THE AVAILABILITY FOR PUBLIC REVIEW OF THE RECORD OF DECISION FOR THE SEAPLANE LAGOON PUBLISHED IN THE OAKLAND TRIBUNE	ADMIN RECORD INFO REPOSITORY	SITE 00017	FRC - PERRIS  IMAGED APNT_032	181-08-0082 BOX 0088 40095306 SAI
N00236 / 002604 BRAC SER BPMOW.MEP/0118 CORRESPONDENC E NONE 00003	11-15-2006 <b>11-13-2006</b> NONE	BRAC PMO WEST T. MACCHIARELLA VARIOUS AGENCIES	TRANSMITTAL OF FINAL SAMPLING AND ANALYSIS PLAN (SAP), PRE-DESIGN FIELD WORK, SEAPLANE LAGOON (W/OUT ENCLOSURE) [SEE AR #2605 - FINAL SAP]	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0061 40095306 SAI
N00236 / 002605 SES-TECH-07-0018 REPORT N68711-04-D-1104 00094	11-15-2006 <b>11-13-2006</b> 00012	SES-TECH M. SCHNEIDER BRAC PMO WEST	FINAL SAMPLING AND ANALYSIS PLAN (SAP), [FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN (FSP/QAPP)], PRE-DESIGN FIELD WORK, SEAPLANE LAGOON {SEE AR #2604 - BRAC PMO WEST TRANSMITTAL LETTER}	ADMIN RECORD INFO REPOSITORY	017	FRC - PERRIS  IMAGED APNT_028	181-08-0082 BOX 0061 40095306 SAI

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Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 002840	09-17-2007	SULTECH	APPLICABLE OR RELEVANT AND	ADMIN RECORD	OU 0001	FRC - PERRIS	181-08-0082	BOX 0086
SULT.5104.0130.004	08-08-2007	HUNTER, C.	APPROPRIATE REQUIREMENTS (ARARS)	INFO REPOSITORY	SITE 00001		40095306 SAI	
2	00130	BRAC PMO WEST	TEMPLATE (CD COPY IS ENCLOSED)		SITE 00002	IMAGED		
REPORT					SITE 00005	APNT_033		
N68711-03-D-5104					SITE 00006			
00023					SITE 00008			
					SITE 00010			
					SITE 00011			
					SITE 00012			
					SITE 00014			
					SITE 00015			
					SITE 00017			
					SITE 00020			
					SITE 00021			
					SITE 00024			
					SITE 00026			
					SITE 00027			
					SITE 00028			
					SITE 00029			
					SITE 00032			
					SITE 00034			
					SITE 00035			
N00236 / 002876	10-03-2007	BRAC PMO WEST	REQUEST FOR FORTY-DAY EXTENSION OF	ADMIN RECORD	SITE 00017	FRC - PERRIS	181-08-0082	BOX 0087
BRAC SER	09-11-2007	MACCHIARELLA, T.	THE SUBMITTAL OF THE PRELIMINARY	INFO REPOSITORY			40095306 SAI	
BPMOW.SAP/0842	NONE	VARIOUS	REMEDIAL DESIGN			IMAGED		
CORRESPONDENC		AGENCIES				APNT_032		
E								
NONE								
00003								

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse	FRC Box No(s)
Approx. # Pages	EPA Cat. #	Recipient				CD No.		
N00236 / 002968	01-09-2008	SULTECH	18 SEPTEMBER 2007 FINAL BASE	ADMIN RECORD	SITE 00001	FRC - PERRIS	181-08-0082	BOX 0103
SULT.5104.0130.005	09-18-2007	BRAC PMO WEST	REALIGNMENT AND CLOSURE (BRAC)	INFO REPOSITORY	SITE 00002		40095306 SAI	
2	00130		CLEANUP TEAM (BCT), MONTHLY		SITE 00003	IMAGED		
MINUTES			TRACKING MEETING, AFTER ACTION		SITE 00004	APNT_034		
N68711-03-D-5104			REPORT (CD COPY ENCLOSED)		SITE 00005			
00061					SITE 00006			
					SITE 00007			
					SITE 00008			
					SITE 00009			
					SITE 00010			
					SITE 00011			
					SITE 00012			
					SITE 00013			
					SITE 00014			
					SITE 00016			
					SITE 00017			
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UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Location	FRC Accession No.
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 002906 BRAC SER BPMOW.SAP/0024 CORRESPONDENC E NONE 00004	10-25-2007 <b>10-12-2007</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VAROUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VAROUS AGENCIES	TRANSMITTAL OF THE PRELIMINARY REMEDIAL DESIGN/ DRAFT REMEDIAL ACTION WORK PLAN (W/ OUT ENCLOSURE) {PORTION OF THE MAILING LIST IS SENSITIVE}	ADMIN RECORD INFO REPOSITORY SENSITIVE	SITE 00017	FRC - PERRIS  IMAGED APNT_033	181-08-0082 BOX 0088 40095306 SAI
N00236 / 002907 SEST-1104-0012-00 REPORT N68711-04-D-1104 00754	10-25-2007 <b>10-12-2007</b> 00012	SES-TECH SADEGHIPOUR, J. BRAC PMO WEST	SES-TECH SADEGHIPOUR, J. BRAC PMO WEST	PRELIMINARY REMEDIAL DESIGN/ DRAFT REMEDIAL ACTION WORK PLAN VOLUME 1 OF 2 - PRELIMINARY REMEDIAL DESIGN, SEAPLANE LAGOON (CD COPY IS ENCLOSED)	ADMIN RECORD INFO REPOSITORY	SITE 00017	FRC - PERRIS  IMAGED APNT_034	181-08-0082 BOX 0088 40095306 SAI
N00236 / 003152 BRAC SER BPMOW.SAP/0138 CORRESPONDENC E NONE 00003	05-30-2008 <b>12-04-2007</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT EXTENSION REQUEST FOR THE DRAFT REMEDIAL ACTION WORK PLAN	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	
N00236 / 003018 NONE CORRESPONDENC E NONE 00005	02-27-2008 <b>12-10-2007</b> NONE	US EPA - SAN FRANCISCO TRAN, X. BRAC PMO WEST MACCHIARELLA, T.	US EPA - SAN FRANCISCO TRAN, X. BRAC PMO WEST MACCHIARELLA, T.	REVIEW AND COMMENTS ON THE PRELIMINARY REMEDIAL DESIGN/ DRAFT REMEDIAL ACTION WORK PLAN, PRELIMINARY REMEDIAL DESIGN, SEAPLANE LAGOON [SEE AR # 2907 - PRELIMINARY RD/DRA WORK PLAN, VOLUME 1 OF 2, AND # 2997 - PRELIMINARY RD/DRA WORK PLAN, VOLUME 2 OF 2]	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 110	
N00236 / 002997 SEST-1104-0012- 0008 REPORT N68711-04-D-1104 00398	02-04-2008 <b>01-01-2008</b> 00012	SES-TECH SADEGHIPOUR, J. BRAC PMO WEST	SES-TECH SADEGHIPOUR, J. BRAC PMO WEST	PRELIMINARY REMEDIAL DESIGN/ DRAFT REMEDIAL ACTION WORK PLAN VOLUME 2 OF 2- DRAFT REMEDIAL ACTION WORK PLAN, SEAPLANE LAGOON (CD COPY IS ENCLOSED)	ADMIN RECORD INFO REPOSITORY	SITE 00017	FRC - PERRIS  IMAGED APNT_034	181-08-0082 BOX 0103 40095306 SAI

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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 003017 NONE CORRESPONDENC E NONE 00004	02-27-2008 <b>01-08-2008</b> NONE	CALIFORNIA DEPARTMENT OF PUBLIC HEALTH - SACRAMENTO LEINWANDER, P. DTSC - SACRAMENTO LOFSTROM, D.	CALIFORNIA DEPARTMENT OF PUBLIC HEALTH - SACRAMENTO LEINWANDER, P. DTSC - SACRAMENTO LOFSTROM, D.	REVIEW AND COMMENTS ON THE PRELIMINARY REMEDIAL DESIGN/ DRAFT REMEDIAL ACTION WORK PLAN, PRELIMINARY REMEDIAL DESIGN, SEAPLANE LAGOON [SEE AR # 2907 - PRELIMINARY RD/DRA WORK PLAN, VOLUME 1 OF 2, AND # 2997 - PRELIMINARY RD/DRA WORK PLAN, VOLUME 2 OF 2]	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 110	
N00236 / 002996 BRAC SER BPMOW.SAP/0178 CORRESPONDENC E NONE 00004	02-04-2008 <b>01-15-2008</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	TRANSMITTAL OF THE PRELIMINARY REMEDIAL DESIGN/ DRAFT REMEDIAL ACTION WORK PLAN VOLUME 2 OF 2 - DRAFT REMEDIAL ACTION WORK PLAN, SEAPLANE LAGOON [PORTION OF MAILING LIST IS SENSITIVE] (W/OUT ENCLOSURE) {**SEE COMMENTS**}	ADMIN RECORD INFO REPOSITORY SENSITIVE	SITE 00017	FRC - PERRIS  IMAGED APNT_034	181-08-0082 BOX 0103 40095306 SAI
N00236 / 001243 SEST-1104-0012- 0010 REPORT N68711-04-D-1104 00730	08-20-2008 <b>02-01-2008</b> 00012	SES-TECH TOROYAN, L. BRAC PMO WEST	SES-TECH TOROYAN, L. BRAC PMO WEST	DRAFT-FINAL REMEDIAL DESIGN / REMEDIAL ACTION (RD/RA) WORK PLAN (WP), VOLUME 1-DRAFT-FINAL REMEDIAL DESIGN (RD), SEAPLANE LAGOON (CD COPY ENCLOSED) [SEE RECORD # 1242 - BRAC PMO WEST TRANSMITTAL LETTER] {**SEE COMMENTS}	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	
N00236 / 003170 SEST-1104-0012- 0013 FACT SHEET N68711-04-D-1104 00004	06-04-2008 <b>02-01-2008</b> 00012	SES-TECH NAVFAC - SOUTHWEST	SES-TECH NAVFAC - SOUTHWEST	FACT SHEET: REMEDIAL ACTION AT SEAPLANE LAGOON (SEE AR # 3169 - BRAC PMO WEST TRANSMITTAL LETTER)	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	
N00236 / 001242 BRAC SER BPMOW.SAP/0299 CORRESPONDENC E NONE 00002	08-20-2008 <b>02-29-2008</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT-FINAL REMEDIAL DESIGN / REMEDIAL ACTION (RD/RA) WORK PLAN (WP), VOLUME 1- DRAFT-FINAL REMEDIAL DESIGN (RD), SEAPLANE LAGOON (PORTION OF THE MAILING LIST IS SENSITIVE) [W/OUT ENCLOSURE] (**SEE COMMENTS)	ADMIN RECORD INFO REPOSITORY SENSITIVE	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	

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Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Sites	CD No.	FRC Box No(s)
N00236 / 003169 BRAC SER BPMOW.SAP/0304 CORRESPONDENC E NONE 00002	06-04-2008 <b>02-29-2008</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT REMEDIAL ACTION FACT SHEET, SEAPLANE LAGOON (W/ OUT ENCLOSURE) [SEE AR # 3170 - DRAFT REMEDIAL ACTION FACT SHEET]	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	
N00236 / 001143 WEST-6010-0013-0001 REPORT N68711-01-D-6010 00060	08-19-2008 <b>03-01-2008</b> 00013	WESTON SOLUTIONS, INC.  BRAC PMO WEST	WESTON SOLUTIONS, INC.  BRAC PMO WEST	DRAFT ACTION MEMORANDUM, TIME-CRITICAL REMOVAL ACTION (TCRA), CONSTRUCTION DEBRIS PILES (CD COPY ENCLOSED) [SEE RECORD # 1142 - BRAC PMO WEST TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	
N00236 / 003043 WEST-6010-0013-0002 REPORT N68711-01-D-6010 00450	03-28-2008 <b>03-01-2008</b> 00013	WESTON SOLUTIONS, INC. WALKER, T. BRAC PMO WEST	WESTON SOLUTIONS, INC. WALKER, T. BRAC PMO WEST	DRAFT WORK PLAN TIME-CRITICAL REMOVAL ACTION, CONSTRUCTION DEBRIS PILES (CD COPY ENCLOSED) [SEE AR # 3042 - BRAC PMOW TRANSMITTAL LETTER]	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 110	
N00236 / 001142 BRAC SER BPMOW.JCK/0320 CORRESPONDENC E NONE 00002	08-19-2008 <b>03-12-2008</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	TRANSMITTAL OF THE DRAFT ACTION MEMORANDUM, TIME-CRITICAL REMOVAL ACTION (TCRA), CONSTRUCTION DEBRIS PILES (W/OUT ENCLOSURE) [SEE RECORD # 1143 - DRAFT ACTION MEMORANDUM, TCRA]	ADMIN RECORD INFO REPOSITORY	SITE 00017	SOUTHWEST DIVISION - BLDG. 1	
N00236 / 003042 BRAC SER BPMOW.JCK/0329 CORRESPONDENC E NONE 00002	03-28-2008 <b>03-12-2008</b> NONE	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	BRAC PMO WEST MACCHIARELLA, T. VARIOUS AGENCIES	TRANSMITTAL OF DRAFT WORK PLAN TIME-CRITICAL REMOVAL ACTION, CONSTRUCTION DEBRIS PILES (W/ OUT ENCLOSURE) [PORTION OF MAILING LIST IS SENSITIVE] [SEE AR # 3043 - DRAFT WORK PLAN]	ADMIN RECORD INFO REPOSITORY SENSITIVE	SITE 00017	SOUTHWEST DIVISION - BLDG. 110	



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N00236 / 003194	07-02-2008	BRAC PMO WEST	DRAFT 2009 AMENDMENT TO THE SITE	ADMIN RECORD	OU 00001	SOUTHWEST		
NONE	06-26-2008		MANAGEMENT PLAN (SEE AR # 3193 - BRAC	INFO REPOSITORY	OU 00003	DIVISION - BLDG. 1		
REPORT	NONE	NAVFAC -	PMO WEST TRANSMITTAL LETTER)		OU 00005			
NONE		SOUTHWEST			OU 00006			
00017					OU 0002A			
					OU 0002B			
					OU 0002C			
					OU 0004A			
					OU 0004B			
					OU 0004C			
					PARCEL FED 1A			
					PARCEL FED 2B			
					PARCEL FED 2C			
					SITE 00001			
					SITE 00002			
					SITE 00003			
					SITE 00004			
					SITE 00005			
					SITE 00006			
					SITE 00007			
					SITE 00008			
					SITE 00009			
					SITE 00010			
					SITE 00011			
					SITE 00012			
					SITE 00013			
					SITE 00014			
					SITE 00016			
					SITE 00017			
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					SITE 00023			
					SITE 00024			

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Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Sites	SWDIV Box No(s)	FRC Warehouse
Approx. # Pages	EPA Cat. #						CD No.	FRC Box No(s)
						SITE 00026		
						SITE 00027		
						SITE 00028		
						SITE 00030		
						SITE 00031		
						SITE 00032		
						SITE 00033		
						SITE 00034		
						SITE 00035		
N00236 / 001353	08-20-2008	BRAC PMO WEST	TRANSMITTAL OF THE 1) FINAL REMEDIAL	ADMIN RECORD	SITE 00017	SOUTHWEST		
BRAC SER	07-31-2008	BROOKS, G.	DESIGN, SEAPLANE LAGOON, AND 2)	INFO REPOSITORY		DIVISION - BLDG. 1		
BPMOW.JJW/0620	NONE	VARIOUS	RESPONSE TO COMMENTS ON THE DRAFT-	SENSITIVE				
CORRESPONDENC		AGENCIES	FINAL REMEDIAL DESIGN / REMEDIAL					
E			ACTION (RD/RA) WORK PLAN (WP),					
NONE			VOLUME 1-DRAFT-FINAL REMEDIAL DESIGN					
00003			(RD), SEAPLANE LAGOON, (**SEE					
			COMMENTS)					
N00236 / 001360	08-20-2008	SES-TECH	FINAL REMEDIAL DESIGN, SEAPLANE	ADMIN RECORD	SITE 00017	SOUTHWEST		
SEST-1104-0012-	07-31-2008	SADEGHIPOUR, J.	LAGOON (INCLUDES RESPONSES TO	INFO REPOSITORY		DIVISION - BLDG. 1		
0020	00012	BRAC PMO WEST	COMMENTS ON THE DRAFT-FINAL					
REPORT			REMEDIAL DESIGN / REMEDIAL ACTION					
N68711-04-D-1104			(RD/RA) WORK PLAN (WP), VOLUME 1-					
00630			DRAFT-FINAL REMEDIAL DESIGN (RD),					
			SEAPLANE LAGOON, DATED 01 FEBRUARY					
			2008) (**SEE COMMENTS)					
N00236 / 001042	08-08-2008	WESTON	DRAFT FINAL WORK PLAN, TIME-CRITICAL	ADMIN RECORD	SITE 00017	SOUTHWEST		
WEST-6010-0013-	08-01-2008	SOLUTIONS, INC.	REMOVAL ACTION, CONSTRUCTION	INFO REPOSITORY		DIVISION - BLDG. 1		
0004	00013	POPEK, E.	DEBRIS PILES (INCLUDES RESPONSE TO					
REPORT		BRAC PMO WEST	COMMENTS ON THE DRAFT DATED 01					
N68711-01-D-6010			MARCH 2008) [CD COPY ENCLOSED] {SEE					
00250			AR # 1038 - BRAC PMO WEST TRANSMITTAL					
			LETTER}					
N00236 / 001201	08-19-2008	WESTON	DRAFT FINAL ACTION MEMORANDUM, TIME-	ADMIN RECORD	SITE 00017	SOUTHWEST		
WEST-6010-0013-	08-01-2008	SOLUTIONS, INC.	CRITICAL REMOVAL ACTION (TCRA),	INFO REPOSITORY		DIVISION - BLDG. 1		
0003	00013	BRAC PMO WEST	CONSTRUCTION DEBRIS PILES (INCLUDES					
REPORT			RESPONSES TO COMMENTS ON THE					
N68711-01-D-6010			DRAFT DATED 01 MARCH 2008) [CD COPY					
00060			ENCLOSED] {SEE RECORD # 1198 - BRAC					
			PMO WEST TRANSMITTAL LETTER}					

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<b>Record Type</b>	<b>Record Date</b>	<b>Author</b>				<b>SWDIV Box No(s)</b>	<b>FRC Warehouse</b>
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<b>Approx. # Pages</b>	<b>EPA Cat. #</b>	<b>Recipient</b>	<b>Subject</b>	<b>Classification</b>	<b>Sites</b>		
N00236 / 001038	08-08-2008	BRAC PMO WEST	TRANSMITTAL OF THE 1) DRAFT FINAL	ADMIN RECORD	SITE 00017	SOUTHWEST	
BRAC SER	08-06-2008	BROOKS, G.	WORK PLAN, TIME-CRITICAL REMOVAL	INFO REPOSITORY		DIVISION - BLDG. 1	
BPMOW.JW/0622	NONE	VARIOUS	ACTION, CONSTRUCTION DEBRIS PILES,	SENSITIVE			
CORRESPONDENC		AGENCIES	AND THE 2) RESPONSE TO COMMENTS ON				
E			THE DRAFT (PORTION OF THE MAILING				
NONE			LIST IS SENSITIVE) [W/OUT ENCLOSURE]				
00002			{SEE AR # 1042 - DRAFT FINAL TCRA}				
N00236 / 001198	08-19-2008	BRAC PMO WEST	TRANSMITTAL OF THE DRAFT FINAL	ADMIN RECORD	SITE 00017	SOUTHWEST	
BRAC SER	08-06-2008	BROOKS, G.	ACTION MEMORANDUM, TIME-CRITICAL	INFO REPOSITORY		DIVISION - BLDG. 1	
BPMOW.JW/0621	NONE	VARIOUS	REMOVAL ACTION (TCRA), CONSTRUCTION	SENSITIVE			
CORRESPONDENC		AGENCIES	DEBRIS PILES (PORTION OF THE MAILING				
E			LIST IS SENSITIVE) [W/OUT ENCLOSURE]				
NONE			{SEE RECORD # 1201 - DRAFT FINAL				
00003			ACTION MEMORANDUM, TCRA}				

**Total Estimated Record Page Count: 12,067**

**Total - Administrative Records: 150**

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No Keywords

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No Classification