

Final

RECORD OF DECISION

INSTALLATION RESTORATION SITE 1

**Naval Fuel Depot Point Molate
Richmond, CA**

June 2005



**Base Realignment and Closure
Program Management Office West
1230 Columbia Street, Suite 1100
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ACRONYMS AND ABBREVIATIONS

AM	Action memorandum
ARAR	Applicable or relevant and appropriate requirement
BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure
BTEX	Benzene, toluene, ethylbenzene, and xylene
CAP	Corrective Action Plan
CCHS	Contra Costa County Health Services
CCR	<i>California Code of Regulations</i>
CDM	CDM Federal Programs Corporation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CIWMB	California Integrated Waste Management Board
DOT	Department of Transportation
EE/CA	Engineering evaluation and cost analysis
EIS/EIR	Environmental impact statement/Environmental impact report
EPA	U.S. Environmental Protection Agency
ERM-West	ERM-West, Inc.
FPAL	Fuel product action levels
FS	Feasibility Study
FWENC	Foster Wheeler Environmental Corporation
IC	Institutional control
IR	Installation Restoration
LEL	Lower explosive limit
LUC	Land use control
µg/L	Micrograms per liter
Navy	U.S. Department of the Navy
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NFD	Naval Fuel Depot
OWS	Oil/water separator
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyl
PRC	PRC Environmental Management, Inc.

ACRONYMS AND ABBREVIATIONS (Continued)

RAB	Restoration Advisory Board
RAO	Remedial action objective
RD	Remedial design
RI	Remedial Investigation
ROD	Record of Decision
RWQCB	California Regional Water Quality Control Board, San Francisco Bay Region
SARA	Superfund Amendments and Reauthorization Act
SCM	Site Conceptual Model
Site 1 PMP	Site 1 Postclosure Maintenance and Monitoring Plan
SULLIVAN	Sullivan Consulting Group, Inc.
SVOC	Semivolatile compound
TBC	To be considered
Tetra Tech	Tetra Tech EM Inc.
TPH	Total petroleum hydrocarbons
UST	Underground storage tank
VOC	Volatile organic compound

1.0 DECLARATION

The declaration provides an overview of site name and location, statement of basis and purpose, assessment of the site, selected remedy, and statutory determination.

1.1 SITE NAME AND LOCATION

This record of decision (ROD) addresses Installation Restoration (IR) Site 1 at Naval Fuel Depot (NFD) Point Molate in Richmond, California. Site 1 is a former waste disposal area, located near the center of NFD Point Molate.

1.2 STATEMENT OF BASIS AND PURPOSE

This decision document presents the selected remedial action for the landfill at Site 1 at NFD Point Molate. The remedial action was chosen in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA), and is consistent, with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP, 40 CFR Part 300). Documents relied upon or considered in selecting the remedy are contained in the Administrative Record for NFD Point Molate. The State of California concurs with the selected remedy.

1.3 ASSESSMENT OF THE SITE

Hazardous substances are present in the soil and groundwater at Site 1. The remedial action selected in this ROD is necessary to protect human health and the environment from actual or threatened releases of hazardous substances from this site.

1.4 SELECTED REMEDY

The selected remedy for remediation of Site 1 to be completed by the U.S. Department of the Navy (Navy) includes continued maintenance and monitoring of the landfill, institutional controls, and engineering controls.

Maintenance and monitoring of the Site 1 landfill would continue as specified in the Site 1 Postclosure Maintenance and Monitoring Plan (Site 1 PMP) (Tetra Tech EM Inc. [[Tetra Tech 2002b](#)]), its subsequent revision (Sullivan Consulting Group, Inc. [[SULLIVAN 2003](#)]) and any future revisions. In addition, land use controls (LUCs) in the form of institutional controls (ICs) would be implemented to maintain the integrity of the soil cover, prohibit residential development and use of the site, and prohibit the use of groundwater at Site 1. ICs are also described in the Site 1 PMP ([Tetra Tech 2002b](#)), which has been approved by the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). Furthermore, engineering controls (a filtration system) for the oil/water separator (OWS) effluent water will be

implemented. These controls will remove emulsified or dissolved contaminants in the effluent. The selected remedy is discussed in greater detail in [Section 2.8.3](#).

The remedy will reduce mobility, toxicity, and the volume of contamination in the OWS effluent, maintain the effectiveness of the soil cover, prevent exposure and disturbance of landfill waste, prohibit use of groundwater, and prohibit residential use of the land. The remedial action objectives (RAOs) are discussed in detail in [Section 2.7](#). Numerical RAOs are presented in [Table 1](#).

1.5 STATUTORY DETERMINATION

The selected remedy is protective of human health and the environment, complies with substantive federal and state applicable or relevant and appropriate requirements (ARARs), and is cost effective. The selected remedy uses permanent solutions and alternative remediation technologies to the maximum extent practicable. The selected remedy employs treatment methodology that reduces mobility, toxicity, and volume of contamination by removing contaminants from the effluent.

Because this remedy will result in hazardous substances, pollutants, or contaminants remaining at Site 1, a statutory review will be conducted 5 years after initiation of the remedial action to ensure that the remedy provides adequate protection of human health and the environment.

1.6 RECORD OF DECISION CERTIFICATION CHECKLIST

The following information is included in this ROD:

- Contaminants of concern and their concentrations ([Section 2.6.1](#), page 11)
- Baseline risk represented by the contaminants of concern ([Section 2.6](#), page 10)
- Action levels established for the contaminants of concern and the basis for these levels ([Section 2.7](#), page 14)
- How source materials that constitute principal threats are addressed ([Section 2.8.3](#), page 17)
- Current and reasonably anticipated future land-use assumptions considered by the baseline risk assessment and this ROD ([Section 2.5](#), page 10)
- Potential land use that will be available at the site as a result of the selected remedy ([Section 2.5](#), page 10)
- Estimated capital, total operation and maintenance, total and current worth costs, discount rate, and the number of years over which the costs of the remedy are projected ([Section 2.9.5](#), page 21)

- Key factors that led to selecting the remedy ([Section 2.9](#), page 18)

Additional information can be found in the Administrative Record for this site; [Appendix A](#) provides an index of the Administrative Record for Site 1.

AUTHORIZING SIGNATURES

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NFD Point Molate BRAC Environmental Coordinator
U.S. Department of the Navy
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Date: 6/21/05

Signature: Bruce H. Wolfe
Mr. Bruce H. Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board

Date: June 13, 2005

2.0 DECISION SUMMARY

The decision summary provides an overview of site characteristics, alternatives evaluated, and the analysis of those alternatives. It also identifies the selected remedy and explains how the remedy fulfills statutory and regulatory requirements.

2.1 SITE NAME, LOCATION, AND DESCRIPTION

This section contains basic information about the facility, including its location, the lead and support agencies, and a description of the site.

2.1.1 Site Name and Location

NFD Point Molate covers approximately 413 acres in the Potrero Hills, along the northeastern shore of San Francisco Bay, on the San Pablo Peninsula ([Figure 1](#)). NFD Point Molate is located in Richmond, California, about 1.5 miles north of the Richmond-San Rafael Bridge. The facility is bordered to the north, east, and south by the ChevronTexaco refinery and to the west by San Francisco Bay. ChevronTexaco uses the majority of the land near NFD Point Molate for oil refining, storage, shipping, and pipeline distribution of petroleum products. The land immediately to the north and south is unused open space (although the land to the north was previously a ChevronTexaco tank farm that has been decommissioned).

Approximately 85% of the land area of NFD Point Molate has already been transferred from Navy ownership to the City of Richmond. Site 1 is currently owned by the Navy but is entirely surrounded by property that was transferred to the City of Richmond on September 23, 2003.

The topography of NFD Point Molate ranges from flat areas of reclaimed land near the bay to steeply sloping, upland areas nearly 500 feet in elevation.

2.1.2 Lead and Support Agencies

The lead agency responsible for the remediation at Site 1 is the Navy. The state agency with lead regulatory oversight is the RWQCB.

2.1.3 Site Type and Description

Site 1 is a former waste disposal area located near the center of NFD Point Molate as shown on [Figure 2](#). Site 1 is approximately one acre in size and is bounded on the north, east, and west by steep topography and on the south by a low-lying wetlands area. The waste disposal area at Site 1 consists of a soil cover, three soil-gas wells, four venting wells, a seep collection drain, and an OWS. Detailed site characteristics are presented in [Figure 3](#).

Three low-lying wetland areas downgradient (southwest) of Site 1 were identified in the Final Jurisdictional Wetland Delineation of Fleet Industrial Supply Center (Tetra Tech 1996). The boundaries of these wetlands were further delineated during the construction of the soil cover and are shown on Figure 2. These wetlands were artificial impoundments constructed to collect releases from fuel storage tanks in the hillsides above. Marsh vegetation grew in the low-lying areas where water accumulated after rainstorms.

2.2 SITE HISTORY AND ENFORCEMENT ACTIVITIES

NFD Point Molate was a fuel storage facility for jet and diesel fuels and had a storage capacity of more than 40 million gallons. Other fuels have historically been stored at the facility, including bunker fuel, gasoline, and aviation gasoline. Fuel storage and supply ceased in May 1995. The Navy designated NFD Point Molate for closure under the fourth round of the Base Realignment and Closure (BRAC) Program on September 30, 1995.

Disposal of solid waste material at Site 1 began between 1953 and 1957 and ceased by 1979. Numerous investigations have been conducted within the ravine where Site 1 is located. Investigations were conducted to evaluate Site 1 and the adjacent underground storage tanks (USTs), pipelines, and valve boxes in the fuel distribution system. In 1998, the general nature and extent of the waste materials were investigated (Tetra Tech 2000a). Although no garbage (household and food wastes) was found at the site and there is no documentation of disposal of household waste, it is likely that some garbage was disposed of at Site 1. Debris in Site 1 includes railroad ties and rails, wood, demolition debris from burned buildings, concrete, stumps, logs, pilings, small-diameter pipe, metal strapping, paper, creosote-treated wood, burned wood, and an empty, rusted 55-gallon drum (Tetra Tech 2000a). Some oily waste, possibly petroleum sludge tank bottoms or petroleum-contaminated soil from excavated valve boxes, was also detected. The complete results of this investigation, as well as a complete summary of investigations for Site 1 and the surrounding area conducted by the Navy up to the year 2000, are described in the Phase II Remedial Investigation (RI) report (Tetra Tech 2000a).

RWQCB issued enforcement documents in the form of Site Cleanup Requirements Order Number 97-124 and Time Schedule Order Number 97-125. These orders required the completion of semi-annual groundwater monitoring reports, an engineering evaluation/cost analysis (EE/CA) (or corrective action plan) for Site 1, a RI workplan and report, and a contingency plan to prevent discharge of landfill fuel contaminants to San Francisco Bay.

In 2000, the Navy concluded that a non-time-critical removal action was necessary for the landfill at Site 1, so possible response actions were evaluated in an EE/CA. The Navy provided the EE/CA to the RWQCB, the City of Richmond, and the community for review and comment. In September 2000, the Navy finalized the EE/CA, which reflected changes made by the Navy in response to comments it received from the RWQCB, the City of Richmond, and the community (Tetra Tech 2000b). The RWQCB concurred with the Final EE/CA in a letter dated October 16, 2000. The EE/CA recommended that the landfill be capped with a soil cover with drainage controls, methane venting, groundwater and methane monitoring, and a maintenance program.

The EE/CA provides additional soil and groundwater data to the information presented in the Phase II RI.

The Navy selected the containment action recommended in the EE/CA and documented that decision in a final action memorandum (AM) signed by the Navy in June 2001 (Tetra Tech 2001a). The soil cover for the Site 1 landfill was completed in March 2002 in accordance with the Final Cover Design (Tetra Tech 2001b, Foster Wheeler Environmental Corporation [FWENC] 2002a). The soil cover consists of a foundation layer placed and graded to provide a minimum of 2 feet of foundation soil over the waste material and to provide a competent surface for soil cover. Imported, clean material was used to construct a soil cover over the entire surface of the foundation layer that was at least 24 inches thick. A 6-inch-thick layer of uncompacted topsoil was placed over the soil cover and was seeded (FWENC 2002a). The soil cover was graded to prevent water from ponding on the surface (FWENC 2002a). The slope of the cover and a terrace ditch were designed to drain surface water from the middle of the soil cover to the grassed waterways to the east and west of the landfill. The grassed waterways and the steep southern slope were covered in composite turf reinforced matting, and seeded to prevent erosion. The waterways drain to concrete ditches that channel the water downgradient toward the low-lying areas. Tailwater basins at the bottom of the concrete ditches reduce the velocity of the water before it flows into the surrounding areas.

A seep collection drain was constructed at the toe of Site 1, in accordance with the Final Cover Design (Tetra Tech 2001b). The trench was extended 10 feet west of the original design location to intercept additional seeps encountered during construction (FWENC 2002a). The seep collection drain empties into the area downgradient of the landfill. An overview of these engineering controls is shown on Figure 3.

The Navy documented the groundwater and methane monitoring and the landfill maintenance components of the removal action in the Site 1 PMP that was finalized on August 30, 2002 (Tetra Tech 2002b). The Site 1 PMP describes the long-term maintenance and monitoring program for Site 1, in accordance with relevant requirements of Title 27 of the California Code of Regulations (CCR). The Site 1 PMP also contains as-built drawings of the site.

In December 2002, the Navy installed an OWS at the seep collection drain because of the presence of fuel product (SULLIVAN 2004a). The purpose of the OWS is to separate free oil from the effluent before discharge. The Site 1 PMP was amended in September 2003 to include the operation and maintenance of the OWS. Design specifics of the OWS are also included in the OWS PMP (SULLIVAN 2003). The Navy is currently conducting a monitoring program for methane and groundwater and conducting site maintenance in accordance with the OWS PMP. The scheduled sampling and analysis program assesses whether concentrations of chemicals in groundwater and OWS effluent, and concentrations of methane in soil gas samples at or immediately downgradient of Site 1, exceed applicable action levels and require additional action as a compliance activity. The scheduled program of maintenance and inspection of the final cover is necessary to maintain the integrity of the soil cover. A complete description of the scheduled maintenance and monitoring activities can be found in the Site 1 PMP (Tetra Tech 2002b), and its subsequent revision (SULLIVAN 2003).

The Navy has fulfilled all requirements within the RWQCB's enforcement orders. In addition, the Navy has completed the design and construction of the landfill soil cover and drainage controls, collected groundwater and soil gas samples through the basewide groundwater monitoring program, and evaluated the final remedial action for Site 1 in the feasibility study (FS) and this ROD.

2.3 SITE CHARACTERIZATION

Previous disposal actions at Site 1, as well as fuel leaks and spills from valve boxes and a fuel storage tank located adjacent to Site 1, are the likely cause of contamination to groundwater and soil. Contaminants to soil and groundwater are discussed in [Section 2.6](#). The complete summary of results is described in the Phase II RI report and the EE/CA ([Tetra Tech 2000a](#), [2000b](#)).

Engineering controls at NFD Point Molate Site 1 consist of:

- A soil cover
- Five groundwater monitoring wells (BR02-18, MW02-06R, MW02-15, MW02-21, and MW02-22)
- Four venting wells (GV02-01, GV02-02, GV02-03, and GV02-04)
- Three soil-gas wells (SG02-05, SG02-06, and SG02-07)
- A seep collection drain
- An OWS

These site characteristics are presented in [Figure 3](#). Additional site characteristics, including site geology and hydrogeology and the Site Conceptual Model (SCM) are discussed in the following sections.

2.3.1 Geology and Hydrogeology

The geology and hydrogeology of NFD Point Molate consist of bedrock and weathered bedrock, colluvium in the steeply sloping upland areas and ravines, with Bay Mud, alluvium, and artificial fill occurring in the low lying shoreline areas. A more detailed summary of the geology and hydrogeology of NFD Point Molate is presented in the Final Groundwater Beneficial Use Evaluation ([SULLIVAN 2004b](#)).

The surface soil at Site 1 consists of an imported soil cover of clean, compacted soil. The underlying fill material was transported from other areas at Point Molate. The fill is composed of highly variable materials generally consisting of poorly sorted gravel, silt, sandy silt, sandy clay, and angular bedrock fragments. The fill often contains areas (or pockets) of disturbed

colluvium, but is in general unconsolidated and very heterogeneous, with unpredictable preferential flow pathways (PRC Environmental Management [PRC] and Morrison Knudsen Corporation [MK] 1996). The thickness of fill at Site 1 varies from a few feet to a maximum depth of approximately 35 feet towards the downslope end. Cross sections show that the fill overlies 3 to 20 feet of colluvium that, in turn, overlies steeply dipping, fractured sandstone and mudstone. The fill lies along and is thickest in the axis of the preexisting ravine.

None of the geologic units underlying Point Molate should be considered an aquifer due to insufficient thickness, permeability, and lateral extent. Groundwater flow directions generally follow the surface topography with inferred flow directions moving down gradient from the upland areas to the shoreline. Shallow groundwater flow in the upland bedrock areas is seasonally influenced with many wells drying up in the dry season. Sustained groundwater flow only occurs where colluvium and alluvium deposits are more thickly developed along ravine bottoms and along the shoreline. Groundwater flow reversals may occur where tidal influences extend a short distance inland from the shoreline (SULLIVAN 2004b).

2.3.2 Site Conceptual Model

The SCM is shown in Figure 4. Potential exposure pathways from surface soil were evaluated for site groundskeepers, terrestrial biota, park maintenance workers, and recreational users. The surface soil on the landfill is imported, clean fill and is not a contaminated medium. Therefore, exposure to soil is an incomplete or negligible pathway for all human and ecological biota both now and in the future. Other incomplete pathways for the Site 1 area include the direct exposure to groundwater if used as a drinking water source, groundwater vapor intrusion, and subsurface soil vapor intrusion.

There is only one primary pathway of concern at Site 1: exposure to contaminants in several freshwater wetlands downgradient of the toe of the landfill (SULLIVAN 2004a). These bodies of water are characteristic of coastal freshwater marshes and are jurisdictional wetlands, as described in the Final Jurisdictional Wetland Delineation of Fleet Industrial Supply Center (Tetra Tech, Inc. 1996). These bodies of water were identified as freshwater wetlands based on the presence of hydrophytic vegetation, hydric soils, and a hydrologic regime that includes periodic inundation or saturation to the surface for some period of time during the growing season. Observed hydrophytic vegetation includes willows with sedges and rushes in the understory that surrounds a small body of water with cattails (Tetra Tech, Inc. 1996). Potential receptors associated with exposure to the wetlands include site groundskeepers (dermal contact and inhalation), future park maintenance workers (dermal contact and inhalation), future recreational users (dermal contact and inhalation), and ecological receptors (ingestion, dermal contact and inhalation for both terrestrial and aquatic organisms).

2.4 COMMUNITY PARTICIPATION

The Navy formed a Restoration Advisory Board (RAB) for NFD Point Molate in August 1996 to involve the community in the environmental decision-making process. The RAB consists of members of the Navy, the community, and regulatory agencies. The RAB meets regularly and

has provided input into cleanup at Site 1 since 1996. The RAB was provided copies of the Site 1 Proposed Plan for review and comment.

Documents describing site investigations and removal and remedial actions were sent to the RAB and are available to the public at two information repositories located at the Richmond Public Library and the Richmond Redevelopment Agency. All documents relating to the cleanup of Site 1 are also available via the administrative record maintained by the Navy in San Diego. The Proposed Plan describes the selected remedial alternative, the schedule for the public comment period, and the availability of other documents in the Information Repository. The Administrative Record Index is presented [Appendix A](#). The Proposed Plan was made available to the public on July 21, 2004 ([Navy 2004](#)). The notice of availability for the proposed plan was published in the *West County Times* at the beginning of the 30-day public comment period, which extended from July 21, 2004 to August 20, 2004. A copy of the public notice is presented in [Appendix B](#). The notice also ran on the local television station *KCRT*.

A public meeting to discuss the remedy selection was held on August 4, 2004. This meeting was conducted in an open-house format, in which the Navy displayed various posters presenting the history and proposed actions for Site 1 and, along with the RWQCB representative, was present to answer questions. A short presentation described field investigations, removal actions, and the proposed remedial action alternative for Site 1. A transcript of the meeting is provided in [Appendix C](#). Navy responses to comments received during the public comment period are presented in the responsiveness summary, which is included as [Appendix D](#) of this ROD. These activities fulfill the community participation requirements of CERCLA §§113(k)(2)(B)(i-v) and 117(a)(2), NCP §300.430(f)(3), and the community involvement plan prepared for NFD Point Molate ([Navy 2003](#)).

2.5 CURRENT AND POTENTIAL FUTURE LAND USE

Currently, Site 1 is an IR site at NFD Point Molate, which is under the jurisdiction of the Navy. Site 1 is an undeveloped parcel of land containing a closed landfill. Public access is restricted. Eventually, Site 1 will be transferred to a non-Federal entity.

The reasonably anticipated future land use for Site 1 is open space/recreation. The basis for the reasonably anticipated future land use for this site is the City of Richmond's Point Molate Reuse Plan (Reuse Plan). This land use will protect an important resource for recreation and appreciation of the site's natural qualities ([City of Richmond and Brady Associates, Inc., 1997](#)). As part of the remedy selected in this ROD, the Navy will implement ICs that affect the potential future land uses of Site 1 because of the presence the landfill.

2.6 SUMMARY OF SITE RISKS

The engineered soil cover and drainage controls put in place as part of the interim removal action prevent direct contact with waste materials disposed of at Site 1. As a result, there are currently no completed contaminant migration pathways by which humans or ecological receptors can

have direct contact with waste material. As there are no completed migration pathways, no quantification of human and ecological risk is possible. Maintenance, monitoring, and institutional controls are necessary to protect the soil cover in place and prevent potentially completed migration pathways in the future. Petroleum constituents that discharge from the OWS currently exceed FPALs that are protective of ecological receptors. The remainder of this section presents a qualitative description of the possible sources of potential contaminants present at Site 1.

The estimated volume of fill at Site 1 is 20,000 cubic yards (Tetra Tech 2001a); this fill includes the waste and the cover soils placed while Site 1 was active. The waste at Site 1 is deposited over an approximate one-acre area. Materials (predominantly construction debris) found at Site 1 are consistent with U.S. Environmental Protection Agency (EPA) examples of municipal-type waste (EPA 1996). Although no garbage (household and food wastes) was found at the site and there is no documentation of disposal of household waste, it is likely that some garbage was disposed of at Site 1. Debris in Site 1 includes railroad ties and rails, wood, demolition debris from burned buildings, concrete, stumps, logs, pilings, small-diameter pipe, metal strapping, paper, creosote treated wood, burned wood, and an empty, rusted 55-gallon drum (Tetra Tech 2000a). Some of these materials may be a source of methane. During trenching for the Phase II RI some oily waste material was observed, possibly petroleum sludge tank bottoms or petroleum-contaminated soils from excavated valve boxes (Tetra Tech 2000b). A part of the waste is known to produce methane, as confirmed by detections of methane from 2000 to 2003 as detailed in Section 2.6.1.2.

Past disposals at Site 1 likely provided sources of contamination to groundwater and soil. Additionally, fuel leaks and spills from valve boxes and a fuel storage tank located upgradient of the site have contaminated soil and groundwater in the ravine underlying Site 1 (Tetra Tech 2000a). The cleanup of source areas of fuel contamination from the leaks and spills in the hillsides surrounding Site 1 is addressed in the Basewide Petroleum Corrective Action Plan (CAP) (Tetra Tech 2002a) in compliance with regulations administered by the RWQCB.

2.6.1 Identification of Contaminants of Concern

The occurrence of contaminants of concern in soil, landfill gas, groundwater, and the OWS effluent discharge is described in the following sections.

2.6.1.1 Soils

Soils from the Site 1 landfill were investigated during the site inspections (SI) (PRC 1992), RI (PRC 1994) and Phase II RI (Tetra Tech 2000a). Samples were also collected in the vicinity of the site during the shallow soil investigation (ERM-West, Inc [ERM-West] 1990).

During the 1990 SI, shallow soil borings were analyzed for total petroleum hydrocarbons (TPH)-extractable quantified as JP-5, marine diesel (F-76), and other diesel ranges (PRC 1992). During the Phase I RI, soil samples were analyzed for volatile organic compounds (VOC), semivolatiles

organic compounds (SVOC), benzene, toluene, ethylbenzene, and xylene (BTEX), TPH-extractable, pesticides/polychlorinated biphenyls (PCB), and metals. JP-5 was found to be widespread across the site presumably as a result of leaks at valve boxes 7, 8, 9, and an overflow of Tank 19 to the east. Benzene, toluene and xylenes were also detected in soil samples at the site and the VOCs chloromethane, 2-butanone, total BTEX, benzene, 4-methyl-2-pentanone, and toluene were detected sporadically, primarily within and downgradient of the disposed material. Most SVOCs detected, including polycyclic aromatic hydrocarbons (PAH), were identified as fuel constituents. Infrequent detections of pesticides were reported from Site 1 soil samples but are believed to be from brush deposited in the fill area and not from the direct disposal of pesticide wastes. Localized areas of metals, including copper, zinc, and lead detected above reference levels (background), are considered to indicate the presence of disposed sludge and not fuel, since areas with the highest levels of JP-5 had below-average metals detections ([PRC 1994](#)).

The Phase II RI investigation confirmed the existence of sludge-like material buried in the center of the Waste Disposal Area. Five soil samples taken from trenches into the waste material were submitted for analysis of petroleum hydrocarbons. The five samples had two detections of TPH-purgeable as gasoline at 2 and 50 mg/kg, two detections of TPH-extractable as JP-5 at 550 and 850 mg/kg, and five detections of TPH-extractable as motor oil ranging from 37 to 280 mg/kg. Soil borings SB02-08, SB02-09, SB02-11, and DA-5 also encountered similar materials and had similar detections ([Tetra Tech 2000a](#)).

The analytical results indicate that petroleum hydrocarbons, VOCs, PAHs and metals constitute the primary chemicals of concern for soil at Site 1.

2.6.1.2 Methane

Methane concentrations at three soil-gas wells and four venting wells were monitored as part of the basewide groundwater monitoring. The results of the monitoring are presented in the Final Report for Basewide Groundwater Monitoring ([Tetra Tech 2003](#)), the Final Basewide Groundwater Monitoring Report July 2003 Sampling Event (CDM Federal Programs Corporation [[CDM](#)] 2003), and the October 2003 Quarterly Site 1 Landfill Postclosure Monitoring Report ([CDM 2004](#)). The highest laboratory-measured methane concentration (6.6 percent) occurred in venting well GV02-03 in July 2003. Methane measured at the three landfill perimeter monitoring wells is below 0.3 percent. The action level of 5.0 percent methane applies to ambient concentration at the site boundary. The results of the methane monitoring indicate that the venting wells are functioning as designed within the site boundary.

2.6.1.3 Groundwater

Data from all previous investigations at Site 1 through October 2002 are presented in the Final Report for Basewide Groundwater Monitoring ([Tetra Tech 2003](#)). Data from the July 2003 basewide groundwater monitoring are presented in the Final Basewide Groundwater Monitoring Report July 2003 Sampling Event ([CDM 2003](#)), and data from the Site 1 landfill inspections and

monitoring are included in the October 2003 Quarterly Site 1 Landfill Postclosure Monitoring Report (CDM 2004).

Chemical data from groundwater samples within Site 1 indicate historical detections of TPH-purgeable as gasoline; TPH-extractable as diesel fuel, motor oil, bunker fuel, and JP-5; and PAH. The nature of contamination within Site 1 is attributed to historical fuel releases from sources associated with the UST fuel system upgradient of Site 1 (Figure 2) and possibly wastes contained within the landfill.

Chemical data are compared with action levels provided in the Revised Final Fuel Product Action Level (FPAL) Development Report (Tetra Tech 2001c) for greater than or less than 150 feet from the wetland, depending on their location. Data from January 1999 through January 2004 indicate that chemical constituents of TPH in groundwater from monitoring wells in Site 1 do not exceed FPALs (Tetra Tech 2003) for site workers except for one sample from monitoring well MW02-21 in June 2000. The result of 2,330 micrograms per liter ($\mu\text{g/L}$) of TPH as JP-5 from well MW02-21 exceeded the FPAL limit of 2,200 $\mu\text{g/L}$ for locations less than 150 feet from the wetlands. Subsequent samples have shown a significant decrease in TPH as JP-5; results were non-detect in January 2004. A single detection of benzo(a)pyrene (a constituent of PAH) of 1 $\mu\text{g/L}$ at monitoring well MW02-06 exceeded the FPAL of 0.6 $\mu\text{g/L}$ in February 2001; however, PAHs have not been otherwise detected above FPALs at Site 1. Other chemicals typically contained in TPH, such as benzene, toluene, ethylbenzene, and xylene, were not detected above FPALs at Site 1 during basewide groundwater monitoring and landfill postclosure monitoring.

2.6.1.4 OWS Effluent

An ephemeral surface water seep (SW02-04), at the downgradient toe of Site 1, contained concentrations of TPH-purgeable as gasoline in excess of FPALs for freshwater aquatic receptors before the construction of the final cover. During the final cover construction, a seep collection system was installed to act as a hydraulic relief line for groundwater seepage flow. The seep collection drain was installed to intercept the intermittent surface water seep (SW02-04) downgradient of the landfill toe. Therefore, SW02-04 was replaced by the seep collection drain. This drain collects groundwater across the entire toe of the landfill, diverts it through the OWS, and discharges it into the wetlands. The drain collects groundwater that flows through the landfill, including water from upgradient sources that originates in the vicinity of, and is affected by, the UST system. The only other seep identified around Site 1 is SW02-05, which is upgradient of Site 1 and, therefore, is not affected by the landfill. However, this seep is monitored and sampled in accordance with the Site 1 PMP (Tetra Tech 2002b). Other upgradient seeps in the ravine are being addressed under the UST program; these seeps may contribute water to the wetlands and are currently being addressed under the UST program's CAP.

The groundwater sample collected from the seep collection drain outlet in October 2002 indicated elevated concentrations of TPH-extractable and TPH-purgeable that reflected the presence of fuel product. The OWS was installed in response to visible fuel product around the

seep outfall. The OWS effluent was sampled in July 2003 as part of the basewide groundwater monitoring event, during the October 2003 Site 1 landfill inspection, and subsequently on a quarterly basis. The groundwater sampling results from July 2003 through April 2004 are shown in the table below (CDM 2003, 2004). The results show a decrease in detections of TPH as diesel, TPH as gasoline, ethylbenzene, and xylene.

Analyte	Numerical Remedial Action Objectives (µg/L)	OWS Effluent Results (µg/L)			
		July 2003	October 2003	January 2004	April 2004
Diesel Range Organics	640	950	630	730	550
Motor Oil Range Organics	640	90J	480U	480U	100J
Gasoline Range Organics	443	320	130	50U	50U
Ethylbenzene	845	31	20	0.5U	0.7
Xylene	318	78	32	1J	2

Notes:

J Estimated

U Non-detect

Bold text indicates values above the remedial action objective.

2.6.2 Basis for Action

The remedial action selected in this ROD is necessary to protect human health and the environment from exposure to hazardous substances in the capped landfill and in groundwater.

2.7 REMEDIAL ACTION OBJECTIVES

RAOs are established to protect human health and the environment. Key factors considered in the development of the RAOs for Site 1 include the previous removal action, contaminants of concern, exposure routes, and receptors of concern, and allowable exposure levels. Based on these factors, the overall RAOs for Site 1 are as follows:

- Promote overall protection of human health and the environment by preventing exposure to waste disposed of beneath the soil cover through protection of the existing landfill cap and engineering controls.
- Protect potential ecological receptors from exposure to TPH-affected groundwater through discharge to wetlands in downgradient areas.

The OWS effluent data, collected during the July 2003 sampling event and the October 2003 postclosure monitoring, show that the constituents in the seep water are similar to samples collected during previous basewide groundwater monitoring performed before OWS installation. The chemicals detected in this sampling event are: TPH-purgeable, in the form of gasoline range organics, and TPH extractable, as diesel, and motor oil, ethylbenzene, and xylene. Numerical

RAOs for each chemical are found in [Table 1](#). The RAOs for TPH extractable as JP-5 and bunker fuel are also added to the table as a likely contaminant, based on previous sampling results. All RAOs are based on the protection of freshwater aquatic receptors. Aquatic receptors are usually considered the most sensitive endpoint for the majority of contaminants in water. Therefore, it is assumed that these RAOs are also protective of terrestrial receptors and human health.

2.8 DESCRIPTION OF ALTERNATIVES

Remedial action alternatives considered for the site were selected from an initial list of potential technologies to be used at Site 1. The alternatives selected were:

Alternative 1: No action.

Alternative 2: Continued implementation of maintenance and monitoring activities and implementation of ICs.

Alternative 3: Continued implementation of maintenance and monitoring activities, implementation of ICs, and engineering controls for effluent from the OWS.

The three alternatives are described in greater detail below.

2.8.1 Summary of Alternative 1

The no-action alternative (Alternative 1) is required as part of the remedial screening process and provides a baseline against which other alternatives are compared. Under this alternative, no action would be taken to alter or maintain the existing landfill. No ARARs are associated with this alternative.

2.8.2 Summary of Alternative 2

In Alternative 2, maintenance and monitoring of the Site 1 landfill would continue as specified in the Site 1 PMP ([Tetra Tech 2002b](#)) and its subsequent revision ([SULLIVAN 2003](#)). In addition, ICs would be implemented to protect the soil cover and to prevent exposure to the waste in the landfill and contaminated groundwater.

A scheduled program of sampling and analysis is necessary to assess whether concentrations of chemicals in groundwater and OWS effluent, and concentrations of methane in soil-gas samples at or immediately downgradient of Site 1, exceed applicable action levels and require action as a compliance activity. The frequency and target analytes to be monitored is specified in the Site 1 PMP ([Tetra Tech 2002b](#)), its subsequent revision ([SULLIVAN 2003](#)) and any future revisions. A scheduled program of maintenance and inspection of the final cover is also necessary to maintain the integrity of the soil cover.

Groundwater samples will be collected from five existing monitoring wells (two downgradient, one at the center of the landfill, and two upgradient), one surface water seep (upgradient), and the OWS effluent (downgradient). If analysis of groundwater samples shows that the contaminants of concern are not detected for four consecutive sampling events, or if these chemicals continue to be detected below action levels after the sixth year, the RWQCB may concur with the recommendation that monitoring of the groundwater is no longer required.

Methane will be monitored at three permanent soil-gas monitoring wells along the perimeter of Site 1 and at four methane vents, screened through the depth of the waste within the landfill. Methane concentrations will be monitored, and mitigating measures will be implemented to control the release if the lower explosive limit (LEL) (concentration of 5 percent by volume in air) is exceeded at these perimeter wells. If methane is not detected in perimeter wells and vents for two consecutive monitoring events, the RWQCB may concur with the recommendation that methane monitoring is no longer required.

Inspection, maintenance, and repair of the components of the final cover would be performed as specified by the Site 1 PMP ([Tetra Tech 2002b](#)) and OWS PMP ([SULLIVAN 2003](#)). These components are:

- Signs, fences, and gates
- Monitoring system (groundwater wells, perimeter soil-gas monitoring wells, surface seep, OWS effluent outfall, and methane vents)
- Drainage features (grass-covered waterways, culvert, swale, concrete channels, tailwater basins, seep collection drain, and natural drainage outlet)
- Erosion control (vegetative cover, composite turf reinforced matting, and riprap)
- Final grading
- Paving stone

ICs are considered for this alternative to maintain the integrity of the soil cover, prohibit the residential use and development of the site, and prohibit the extraction and use of groundwater for any purpose other than monitoring, remediation, or construction dewatering.

The Navy is responsible for implementing, inspecting, and reporting on the ICs described in this ROD. Although the Navy retains ultimate responsibility for overseeing adherence to these controls, compliance with these ICs will involve actions by other interested parties. Subsequent property owners will have the obligation of complying with restrictions on future land use of the property, using the property in a manner consistent with maintaining the integrity of the landfill and its structures, and will be obligated to notify the Navy, state, county, and city representatives of any proposed transfer of title or proposed transfer of a possessory interest in the site. Subsequent owners also must provide reasonable access to the Navy, state, county, and city representatives to perform monitoring and maintenance activities and to ensure compliance with

the ICs. Should any IC remedy fail, the Navy will consult to determine the appropriate actions to re-establish the remedy's protectiveness.

2.8.3 Summary of Alternative 3

The selected remedy includes all elements of Alternative 2 (maintenance and monitoring of the landfill cap and implementation of ICs), plus the use of engineering controls (a filtration system) for the OWS effluent. These controls remove emulsified or dissolved TPH that might be present in the effluent. This alternative was designed using data from samples collected before the OWS was installed, and data from the July 2003 basewide groundwater monitoring event. The July 2003 data showed a concentration of TPH as diesel fuel (950 µg/L) above the numerical RAO (640 µg/L). The filtration system is based on conservative flow assumptions and available sampling results from the OWS effluent. Detections of TPH as diesel fuel have decreased in recent sampling events. Results from the April 2004 sampling showed a concentration of 550 µg/L, which is below the numerical RAO. Additional analysis and sampling will be performed to better define the size and cost of this system.

There are TPH contaminant sources (including free product) associated with the UST system (USTs, pipelines, and valve boxes) in the surrounding hillsides upgradient of Site 1. These sources are currently being addressed as part of the on-going corrective action to remove free product. The corrective action, along with natural attenuation, will reduce TPH contaminant concentrations in groundwater within the ravine and therefore also the OWS effluent. It is recommended that, in consultation with the RWQCB, if the samples from the OWS effluent show concentrations of contaminants below the RAOs for four consecutive sampling events (two wet season/two dry season) or if it is determined that the effluent poses no risk to human health or the environment, based on effluent sampling, groundwater monitoring of the landfill, sampling from the surrounding hillsides, and subsequent corrective actions performed, the filtration system be shut down and dismantled.

The engineered controls will include a filtration unit after the OWS. The filtration system will be sized to handle 100 gallons per minute of water, the same capacity as the OWS. The following assumptions shall be made for the design of the filtration system:

- The OWS is properly removing all free product in the seep water.
- The OWS was properly sized and designed to handle normal flow from the seep collection drain, as well as periodic storm events.
- The OWS will be maintained as recommended by the manufacturer and specified in the OWS PMP and will remain in good working order.

2.9 COMPARATIVE ANALYSIS OF ALTERNATIVES

This section summarizes the comparative analysis that was conducted to evaluate the relative performance of each remedial alternative in relation to EPA’s nine evaluation criteria. The purpose of the comparative analysis is to identify the relative advantages and disadvantages of each alternative. For any alternative to be eligible for selection, it must meet the threshold criteria. The two threshold criteria are (1) overall protection of human health and the environment and (2) compliance with ARARs (unless an ARAR is waived). The threshold criteria are discussed below.

2.9.1 Protection of Human Health and the Environment

This criterion assesses whether each alternative provides adequate protection of human health and the environment. The overall assessment of protection draws on the evaluations of long-term effectiveness and permanence, short-term effectiveness, and compliance with ARARs. Protectiveness focuses on how site risks are reduced or eliminated by each alternative. Risk reductions are associated with how effectively an alternative meets the RAOs. This criterion is considered a threshold and must be met by the selected alternative.

2.9.2 Compliance with Applicable or Relevant and Appropriate Requirements

This criterion is used to evaluate whether each alternative will meet all of the federal and state regulatory compliance requirements identified, or whether there is justification for waiving one or more regulatory compliance requirement(s). This criterion is considered a threshold and must be met by the selected alternative.

In addition to ARARs, the preamble to the NCP provides agency advisories, criteria, or other “to-be-considered (TBC) guidance in helping to determine what is protective at a site or how to carry out certain actions or requirements” (55 *Federal Register* 8666, 8745, March 9, 1990). The preamble to the NCP states, however, that provisions in the TBC category “should not be required as cleanup standards because they are, by definition, generally neither promulgated nor enforceable, so they do not have the same status under CERCLA as do ARARs.” The ARARs request letter is presented in [Appendix E](#). ARARs for this response are presented in [Appendix F](#).

2.9.3 Balancing Criteria

After comparison with threshold criteria ([Sections 2.9.1](#) and [2.9.2](#)), five additional criteria are used to analyze differences among alternatives. They are:

- Long-term effectiveness and permanence
- Reduction in toxicity, mobility, or volume through treatment
- Short-term effectiveness

- Implementability
- Cost

The following sections compare each alternative against the five balancing criteria and analyze the advantages and disadvantages of each alternative.

2.9.3.1 Long-Term Effectiveness and Permanence

This evaluation focuses on the permanence of the alternative and the extent and effectiveness of the alternative in maintaining protection of human health and the environment after RAOs are met. The magnitude or residual risk and the adequacy and reliability of the controls should be evaluated for this criterion.

2.9.3.2 Reduction of Toxicity, Mobility, or Volume

This evaluation criterion addresses the statutory preference for treatment options that permanently and significantly reduce toxicity, mobility, or volume of the contaminants. This preference is satisfied when treatment reduces the principal threats through the following:

- Destruction of toxic contaminants
- Reduction in contaminant mobility
- Reduction of the total mass of toxic contaminants
- Reduction of total volume of contaminated media

2.9.3.3 Short-Term Effectiveness

This evaluation criterion addresses the effects of the alternative on human health and the environment from start of construction until the alternative is in place and treatment goals are being met. The following factors were considered:

- Exposure of the community during implementation
- Exposure of workers during construction
- Environmental impacts
- Time to achieve remediation targets

2.9.3.4 Implementability

This criterion addresses the technical and administrative feasibility of implementing an alternative and the availability of various services and materials that may be required during its implementation. The following factors were considered:

- Ability to construct the technology
- Reliability of the technology
- Monitoring considerations
- Availability of equipment and specialists
- Ability to obtain approvals from regulatory agencies

2.9.3.5 Cost

Costs are calculated from estimates of capital and operation and maintenance costs. Capital costs consist of direct and indirect costs. Direct costs include the purchase of equipment, labor, and materials necessary to install the alternative. Indirect costs include engineering, financial, and other costs such as permitting and licensing. Annual operation and maintenance costs for each alternative include labor, maintenance materials, auxiliary materials, and energy.

2.9.4 Modifying Criteria

The advantages and disadvantages of the alternatives as evaluated against the balancing criteria are then balanced by consideration of the two modifying criteria; state acceptance and community acceptance. The two modifying criteria are described below.

2.9.4.1 State Acceptance

This criterion evaluates the issues and concerns of the state regarding each alternative.

2.9.4.2 Community Acceptance

This criterion evaluates the issues and concerns of the community regarding each alternative. In addition to general discussion of the proposed remedial action for Site 1 at several RAB meetings, the Navy gave a RAB meeting presentation detailing the specific findings of the Site 1 feasibility study and the selected alternative. Formal community acceptance of the Navy's Proposed Plan was evaluated based on comments received during the public comment period. Community concerns are documented in the responsiveness summary presented in [Appendix D](#). The transcript of the public meeting held on the Proposed Plan is presented in [Appendix C](#).

2.9.5 Summary of Comparative Analysis of Alternatives

The comparison of the three alternatives to the nine evaluation criteria is presented in [Table 2](#).

Because no action would be taken at the site under Alternative 1, it is easily implemented and would not put construction workers at risk in the short term. Alternative 1 was not considered a viable alternative because it does not protect human health and the environment or comply with ARARs. Alternative 1 would not maintain the soil cover, monitor the contamination at Site 1, prevent a change in the land use designation from open space recreational, or prohibit the use of groundwater at Site 1. If there is contamination above RAOs in the OWS effluent, Alternative 1 would not protect potential receptors from exposure to TPH-affected water.

Alternative 2 would maintain the effectiveness of the soil cover through landfill maintenance and monitoring, and the use of ICs to prevent activities that could expose waste or groundwater. It would also prevent a change in the land-use designation and prohibit the use of groundwater at Site 1. Alternative 2 would expose workers to TPH-contaminated water during the monitoring of the OWS effluent. This exposure is not considered significant, considering the short amount of time the workers would be near the water while sampling and the low levels of contamination. This alternative would be easier to implement than Alternative 3 and would have a lower cost (estimated to be \$787,000), but Alternative 2 does not comply with one of the threshold criteria: compliance with ARARs. This alternative would also not fulfill the requirements of Executive Order Number 11990, protection of the wetlands, because concentrations of TPH as diesel fuel in the OWS effluent have exceeded acceptable levels. Therefore, Alternative 2 would not protect potential receptors from exposure to TPH-affected water.

Alternative 3 is more expensive than the other two alternatives (estimated to be \$919,000) and would be more difficult to implement. Additionally, the maintenance of the system could generate hazardous waste in the form of waste media that would need to be transported from the site and disposed of at a landfill. Workers constructing the engineering controls would be exposed to the water, and the OWS operation might potentially need to be interrupted during construction. Alternative 3 would, however, be protective of human health and the environment and comply with all ARARs identified for this remedial action. This alternative would reduce the toxicity, mobility, and volume of contamination at Site 1 by removing TPH from the effluent. Alternative 3 would also maintain the effectiveness of the soil cover, prevent a change in land use designation, and prohibit the use of groundwater at Site 1.

2.10 SELECTED REMEDY

Alternative 3 is the selected remedy. As required by CERCLA §121, the selected remedy is protective of human health and the environment, complies with ARARs, and is cost effective. The selected remedy uses permanent solutions and alternative remediation technologies to the maximum extent practicable. The selected remedy employs treatment methods that reduce the mobility, toxicity, and volume of contamination in the OWS effluent, maintain the effectiveness of the soil cover, prevent exposure and disturbance of landfill waste, and monitor groundwater and methane concentrations.

2.11 STATUTORY DETERMINATIONS

The following sections discuss how the selected remedy meets the statutory requirements and preferences.

2.11.1 Protection of Human Health and the Environment

The selected remedy will maintain the integrity of the soil cover, thus preventing human, environmental, and ecological exposure to wastes in the landfill, contaminated groundwater, and contaminated discharge from the OWS. Additionally, a filtration system would reduce concentrations of dissolved petroleum in the water coming out of the OWS. The selected remedy includes monitoring groundwater, methane gas, and discharge from the OWS to confirm the effectiveness of the remedy.

2.11.2 Compliance with Applicable or Relevant and Appropriate Requirements

Section 121(d) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, 42 United States Code [U.S.C.] Section [§] 9621[d]), as amended, states that remedial actions on CERCLA sites must attain (or the decision document must justify the waiver of) any federal or more stringent state environmental standards, requirements, criteria, or limitations that are determined to be legally applicable or relevant and appropriate. In response to the Navy request, ARARs were identified by the California Integrated Waste Management Board and the RWQCB as detailed in Site 1 FS ([SULLIVAN 2004a](#)). The ARARs identified for Site 1 are presented in [Appendix F](#). The selected remedy will attain all ARARs identified for the site. There are no federal or state chemical-specific ARARs associated with maintaining the integrity of the soil cover, groundwater monitoring, or discharging water from the OWS. The Navy has identified a state chemical-specific ARAR for methane gas, and has identified FPALS and state TBCs for discharging water from the OWS. The addition of the filters to the OWS will achieve compliance with these FPALS and TBCs.

In addition, the Navy has identified federal and state chemical-specific ARARs for the characterization and off-site disposal of any waste generated in the performance of this alternative, including disposal of the filters that will be added to the OWS. The Navy will comply with these ARARs by analyzing whether any wastes generated meet definitions of regulated waste under RCRA or Title 27. The Navy will then dispose of the waste at an appropriate landfill.

The selected remedy will also comply with the federal location-specific ARAR for minimizing the destruction, loss, or degradation of the wetland. The filters will be placed next to the OWS and will not involve any dredging or filling of the wetland. The filters will remove fuel product from the OWS effluent to levels at or below FPALS and state TBCs, levels that are protective of the wetland.

The Navy will perform the postclosure care of the soil cover, groundwater and methane gas monitoring, placement of ICs, and waste disposal in accordance with action-specific requirements contained in Titles 27 and 22, the California Civil Code, and the Bay Area Air Quality Management Control District Rules.

2.11.3 Five-Year Review Requirements

Because hazardous substances at the site remain above levels that allow for unlimited use and unrestricted exposure, reviews must be conducted every five years after the initiation of the remedial action to assure that human health and the environment are being protected by the implemented remedial action. The five-year review is intended to answer three questions:

1. Is the remedy functioning as intended by the decision document?
2. Are the assumptions used at the time of the remedy still valid?
3. Has any other information come to light that could call the protectiveness of the remedy into question?

Monitoring will include sampling of groundwater, effluent, landfill gas from both within the landfill as well as perimeter wells. All monitoring will be conducted in accordance with the Site 1 PMP ([Tetra Tech 2002b](#)), its subsequent revision ([SULLIVAN 2003](#)) and any future revisions.

The five year review will consider ending groundwater monitoring if samples exhibit non-detection for four consecutive sampling events or if contaminants continue to be detected below action levels after the sixth year ([Tetra Tech 2002b](#)). If methane is not detected in perimeter wells and vents for two consecutive monitoring events, the RWQCB may concur with a recommendation to discontinue methane monitoring.

The OWS will be maintained as outlined in the OWS PMP ([SULLIVAN 2003](#)). It is assumed that the need for treatment of OWS effluent will be necessary for a maximum of 5 years and that this determination can be made at the time of the five-year review for Site 1.

2.12 DOCUMENTATION OF SIGNIFICANT CHANGES

The Proposed Plan was released to the public in July 2004 ([Navy 2004](#)). The Proposed Plan identified Alternative 3, maintenance of the landfill, ICs, and groundwater and methane monitoring, and treatment of the effluent from the OWS. No changes have been made to the selected remedy.

3.0 RESPONSIVENESS SUMMARY

Public comments on the Proposed Plan were received in the form of letters, electronic mail, and transcribed verbal comments from the public at the public meeting held at the Richmond Public Library on August 4, 2004. The written, transcribed comments are part of the administrative record for NFD Point Molate. All public comments pertaining to Site 1 are presented in [Appendix D](#). A transcript of the public meeting is presented in [Appendix C](#).

4.0 REFERENCES

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FIGURES

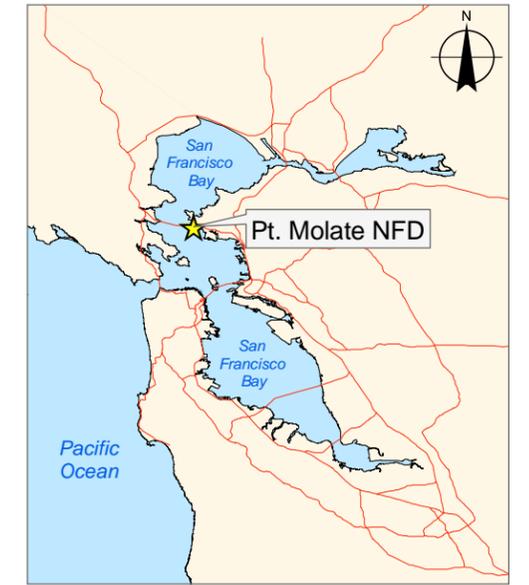
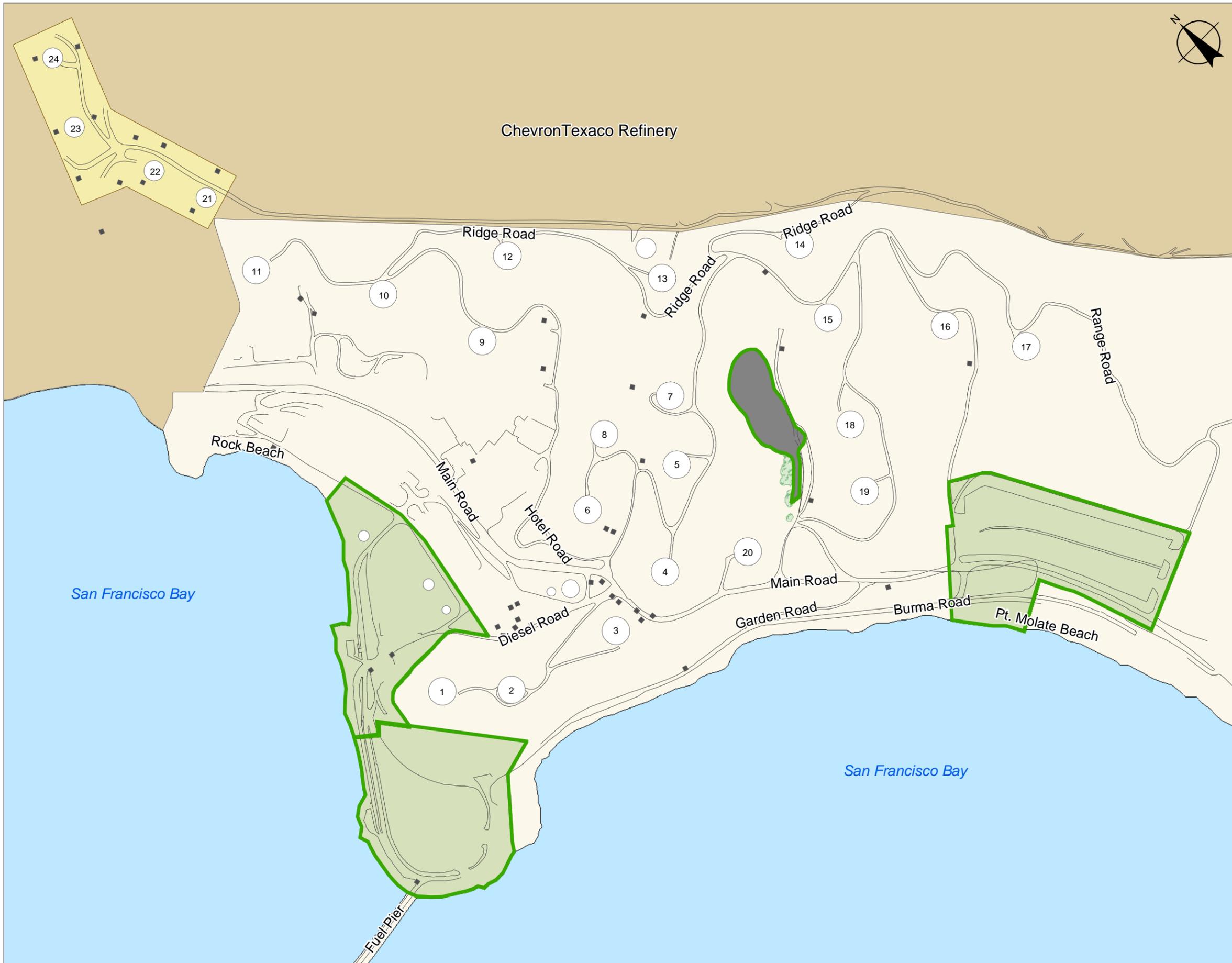


Naval Fuel Depot Point Molate
Department of the Navy, BRAC PMO West, San Diego, California

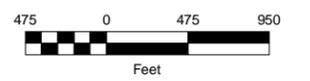
FIGURE 1

LOCATION MAP

IR Site 1 Record of Decision, Point Molate



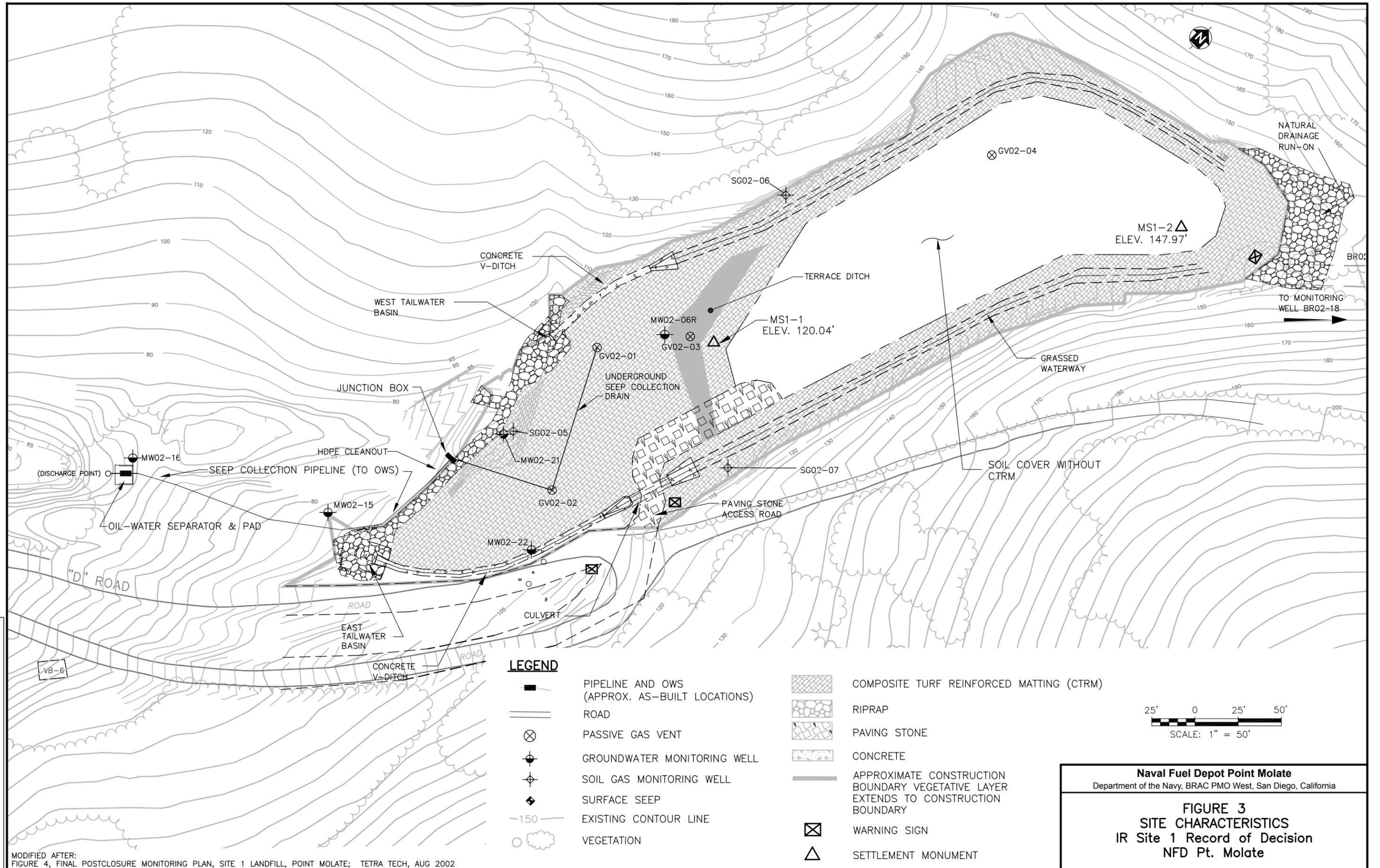
-  Underground Storage Tanks
-  Roads
-  Valve Boxes
-  Wetlands
-  IR Site 1 (Navy Property)
-  Current Navy Property
-  Land Formerly Leased From ChevronTexaco
-  Property Transferred to the City of Richmond
-  ChevronTexaco Refinery



Naval Fuel Depot Point Molate
 Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2
SITE LOCATION

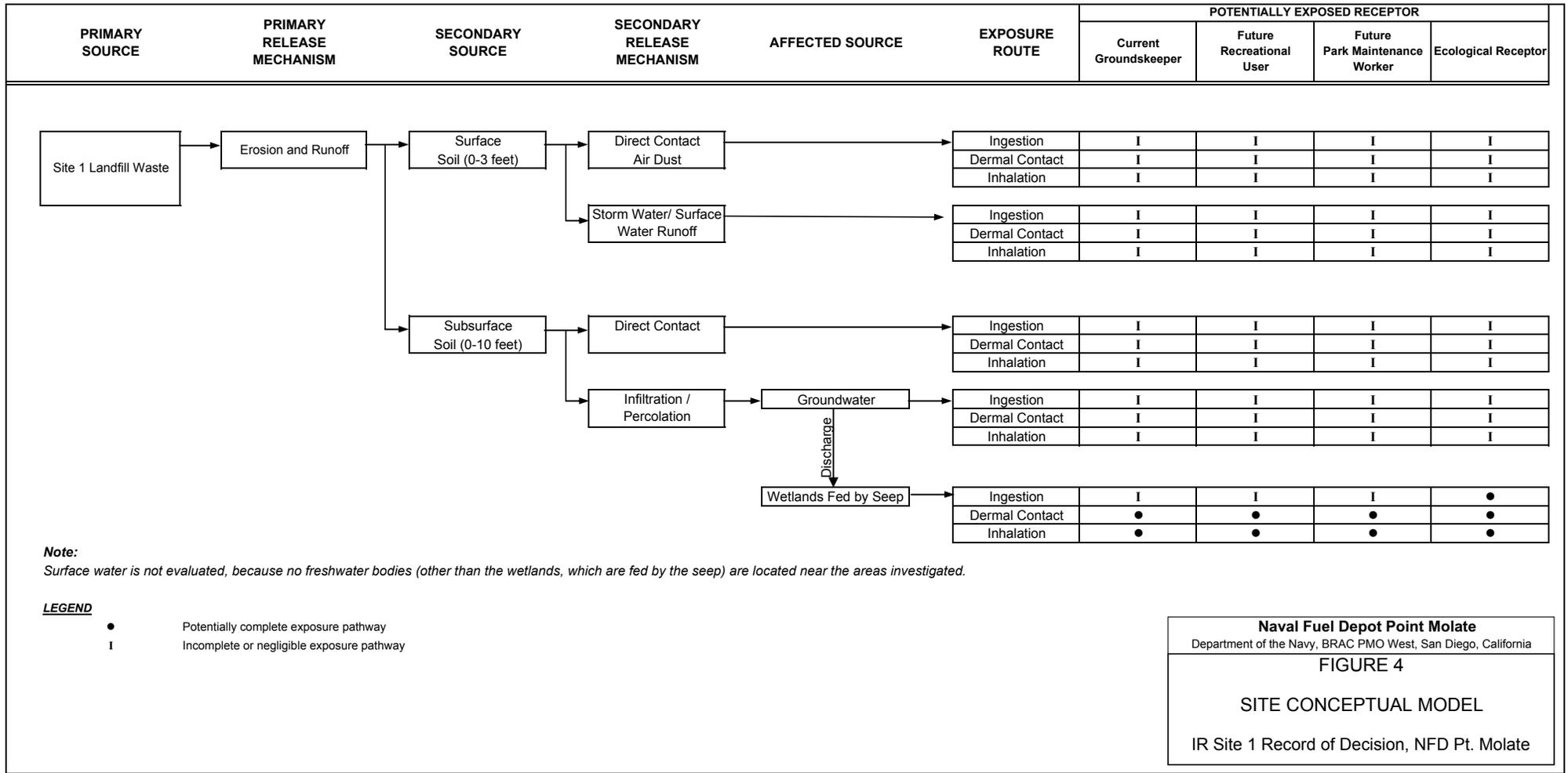
IR Site 1 Record of Decision, NFD Pt. Molate



MODIFIED AFTER:
 FIGURE 4, FINAL POSTCLOSURE MONITORING PLAN, SITE 1 LANDFILL, POINT MOLATE; TETRA TECH, AUG 2002

Naval Fuel Depot Point Molate
 Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3
SITE CHARACTERISTICS
 IR Site 1 Record of Decision
 NFD Pt. Molate



TABLES

TABLE 1: NUMERICAL REMEDIAL ACTION OBJECTIVES

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Chemical	Remedial Action Objectives ¹	Source
TPH as gasoline	443 µg/L ²	Tetra Tech EM Inc. 2001
Ethylbenzene	845 µg/L ²	Tetra Tech EM Inc. 2001
Xylene	318 µg/L ²	Tetra Tech EM Inc. 2001
TPH as JP-5	640 µg/L ^{3,4}	RWQCB 2001
TPH as diesel	640 µg/L ⁴	RWQCB 2001
TPH as motor oil	640 µg/L ⁴	RWQCB 2001
TPH as bunker fuel	640 µg/L ^{4,5}	RWQCB 2001

Notes:

µg/L Micrograms per liter

- 1 All remedial action objectives (RAOs) are based on the protection of freshwater aquatic receptors. Aquatic receptors are usually considered the most sensitive endpoint for the majority of contaminants in water. Therefore, it is assumed that these RAOs are also protective of terrestrial receptors and human health.
- 2 This is the limit for freshwater aquatic receptors. Based on "chronic" aquatic bioassay testing of several freshwater species and literature-derived toxicological information, the limit is the lowest acute toxicity value divided by a factor of 10.
- 3 JP-5 has chemical characteristics that are similar to both gasoline and diesel. The RAO for diesel is used as a surrogate for JP-5 because it is assumed that weathered jet fuel would be somewhat similar to diesel particularly when compared with the more volatile gasoline.
- 4 Limits are based on aquatic life protection or the potential impact on freshwater or marine aquatic life from saltwater studies carried out at the San Francisco Airport (RWQCB 1999).
- 5 Bunker fuel has chemical characteristics that most closely resemble total petroleum hydrocarbons (TPH) as motor oil. Therefore, the RAO for motor oil is used for this TPH product.

References:

- Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). 1999. "Adoption of Revised Site Cleanup Requirements, San Francisco International Airport: California Environmental Protection Agency, Regional Water Quality Control Board, San Francisco Bay Region, Board Order No. 99-045."
- RWQCB. 2001. "Application of Risk-Based Screening Levels and Decision Making to Sites with Impacted Soil and Groundwater." Interim Final. December.
- Tetra Tech EM Inc. 2001. "Final Fuel Product Action Level Development Report. Naval Fuel Depot Point Molate, Richmond, California." August.

TABLE 2: COMPARATIVE SUMMARY OF REMEDIAL ALTERNATIVES

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

National Oil and Hazardous Substances Pollution Contingency Plan (NCP) Criteria	Alternative 1: No Action	Alternative 2: Maintenance and Monitoring, Institutional Controls	Alternative 3: Maintenance and Monitoring, Institutional Controls, and Engineering Controls on OWS Effluent
Overall Protection of Human Health and the Environment	This alternative does not protect human health because it does not monitor the groundwater contaminant concentrations and methane emissions from the landfill. It also does not monitor or ensure the quality of the OWS effluent flowing into the wetlands. This alternative does not prevent the change in land use designation from open recreational space, maintain the soil cover through institutional controls, or prohibit the use of groundwater at Site 1. This alternative does not protect potential human or ecological receptors from exposure to the OWS effluent, which contains TPH contamination above acceptable levels for aquatic receptors.	This alternative maintains the effectiveness of the soil cover through maintenance and institutional controls, and monitors the groundwater, effluent, and methane as specified in the Site 1 PMP and as required by 27 CCR. This alternative also prevents a change in the land use designation from open space recreational, and prohibits use of groundwater at Site 1. This alternative does not protect potential human and ecological receptors from exposure to TPH in the OWS effluent.	This alternative maintains the effectiveness of the soil cover through maintenance and institutional controls, and monitors the groundwater, effluent, and methane as specified in the Site 1 PMP and as required by 27 CCR. This alternative also prevents a change in the land use designation from open space recreational, and prohibits use of groundwater at Site 1. Additionally, engineering controls would reduce concentrations of dissolved petroleum from the OWS effluent, thereby protecting potential human and ecological receptors from exposure to the water. This alternative may involve the handling and disposal of hazardous waste in the form of the clay and carbon filtration media. It is not expected at this time that these media will be classified as hazardous.
Compliance with ARARs	This alternative does not comply with ARARs landfill maintenance and monitoring requirements in 27 CCR §20415(b)(1)(c) and (e) or the wetland protection requirements in Executive Order Number 11990. There are no action-specific ARARs for this alternative.	This alternative does not fulfill the requirements of Executive Order Number 11990, which protects the wetlands area from destruction, loss, or degradation.	This alternative would fulfill the chemical- and location-specific ARARs for the site. It would prevent TPH-affected water from affecting the wetlands.
Long-Term Effectiveness and Permanence	This alternative does not provide long-term effectiveness because this alternative does not maintain the soil cover through institutional controls and landfill maintenance, monitor the groundwater and methane concentrations, or prohibit the use of groundwater at Site 1. This alternative does not protect potential receptors from exposure to TPH in the OWS effluent.	This alternative would protect human health and the environment from exposure to the groundwater and waste by maintaining and monitoring the landfill cap and prohibiting activities that would disturb the landfill or expose humans or ecological receptors to the contamination. This alternative does not protect potential site workers or ecological receptors from exposure to TPH in the OWS effluent.	This alternative would protect human health and the environment from exposure to the groundwater and waste by maintaining and monitoring the landfill cap and prohibiting activities that would disturb the landfill and expose humans or ecological receptors to the contamination. This alternative would protect potential site workers or ecological receptors from exposure to TPH in the OWS effluent by removing the dissolved or emulsified TPH.
Reduction in Toxicity, Mobility, or Volume	There are no treatment options proposed under this alternative. Consequently, this alternative will not result in a reduction in toxicity, mobility, or volume of contaminants.	There are no treatment options proposed under this alternative. Consequently, this alternative will not result in a reduction in toxicity, mobility, or volume of contaminants.	A reduction in toxicity, mobility, and volume of contaminants would occur by the removal of the dissolved petroleum from the OWS effluent.
Short-Term Effectiveness	Because there are no proposed activities under this alternative, the landfill contents would not be disturbed.	The proposed activities would not disturb the landfill contents at the site. Site workers would be exposed to TPH-contaminated water while monitoring the OWS effluent. This exposure is not significant because of the short contact time between the water and the samplers, and the low levels of contaminants in the effluent.	The proposed activities would not disturb the landfill contents at the site. The construction of the engineering controls would expose the workers to low levels of TPH in the effluent and would interrupt operation of the OWS for a short time. This interruption could expose workers and ecological receptors to free product from the seep if proper containment were not implemented.
Implementability	This alternative can be readily implemented because no actions are required.	All activities for establishing institutional controls and maintaining and monitoring the landfill are standard practices.	Alternative 3 is technically feasible, and there are several vendors available with the required experience and equipment to perform the proposed activities.
Cost	There are no costs associated with the no-action alternative.	The present value cost for Alternative 2 is approximately \$787,000.	The present value cost for Alternative 3 is approximately \$919,000.
State acceptance	The RWQCB has indicated acceptance of Alternative 3 as the preferred alternative.	The RWQCB has indicated acceptance of Alternative 3 as the preferred alternative.	The RWQCB has indicated acceptance of Alternative 3 as the preferred alternative.
Community acceptance	Community acceptance of the Navy's proposed plan was evaluated based on comments received during the public comment period. Community concerns are documented in the responsiveness summary presented in Appendix D.	Community acceptance of the Navy's proposed plan was evaluated based on comments received during the public comment period. Community concerns are documented in the responsiveness summary presented in Appendix D.	Community acceptance of the Navy's proposed plan was evaluated based on comments received during the public comment period. Community concerns are documented in the responsiveness summary presented in Appendix D.

Notes:

- ARAR Applicable or relevant and appropriate requirement
- CCR California Code of Regulations
- OWS Oil/water separator
- Site 1 PMP Site 1 Postclosure Maintenance and Monitoring Plan ([Tetra Tech 2002b](#))
- TPH Total petroleum hydrocarbon

APPENDIX A
ADMINISTRATIVE RECORD INDEX AND GUIDANCE DOCUMENTS

35 pages.

POINT MOLATE NFD

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

DOCUMENTS RELATED TO SITE 1

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
N30519 / 000006		12-01-1999	PRC										REVISED SITE INSPECTION (SI) FIELD	ADMIN RECORD	SI	001	FRC - LAGUNA
		07-18-1990	WEST, DAVID L.										WORK PLAN (WP)		WP	002	NIGEL
RPT		00010	NAVY													003	181-03-0197
N62474-88-D-5086		00.0	CHAO, STEPHEN														1 OF 12
00055			G.														RF5246
N30519 / 000011		12-01-1999	PRC										FINAL GROUNDWATER MONITORING	MISSING @	GW	001	FRC - LAGUNA
		07-10-1991	WEST, DAVID L.										PLAN/SITE CHARACTERIZATION STUDY	SWDIV		002	NIGEL
RPT		00010	NAVY													003	181-03-0197
N62474-88-D-5086		00.0	KO, PAUL														1 OF 12
00077																	RF5246
N30519 / 000017		12-01-1999	PRC										SITE INSPECTION (SI) FINAL SUMMARY	ADMIN RECORD	SI	001	FRC - LAGUNA
		08-26-1992	WEST, DAVID L.										REPORT			002	NIGEL
RPT		00010	NAVY													003	181-03-0197
N62474-88-D-5086		00.0	FUNG, ALLAN M.														1 OF 12
00083																	RF5246

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
N30519 / 000025		12-01-1999	PRC										DRAFT FIELD WORK PLAN/SAMPLING ANALYSIS PLAN (WP/SAP) FOR SHORELINE/LANDFILL INVESTIGATIONS AND QUARTERLY GROUNDWATER SAMPLING	REMOVED	GW SAP WP	001 004	SOUTHWEST DIVISION
RPT		00248	WEST, DAVID L.														
N62474-88-D-5086 00141		00.0	NAVY OCAMPO, LUCIANO														
N30519 / 000026		12-01-1999	NAVY										SUBMISSION OF DRAFT FIELD WORK PLAN/SAMPLING ANALYSIS PLAN (WP/SAP) FOR SHORELINE/LANDFILL INVESTIGATION AND QUARTERLY GROUNDWATER SAMPLING	INFO REPOSITORY	GW SAP WP	001 004	FRC - LAGUNA NIGEL 181-03-0197 1 OF 12 RF5246
LTR		NONE	OCAMPO, LUCIANO														
NONE		00.0	RWQCB														
00001			KATHURIA, GINA														
N30519 / 000027		12-01-1999	RWQCB										AGENCY COMMENTS ON DRAFT FIELD WORK PLAN/SAMPLING ANALYSIS PLAN (WP/SAP) FOR SHORELINE/LANDFILL INVESTIGATION AND QUARTERLY GROUNDWATER SAMPLING, DATED 03 NOVEMBE	ADMIN RECORD	GW SAP WP	001 004	FRC - LAGUNA NIGEL 181-03-0197 1 OF 12 RF5246
CMNT		NONE	KATHURIA, GINA														
NONE		00.0	NAVY														
00003			OCAMPO, LUCIANO														
N30519 / 000031		12-01-1999	PRC										FINAL FIELD WORK PLAN/SAMPLING ANALYSIS PLAN (WP/SAP) FOR SHORELINE/LANDFILL AREA AND RESPONSE TO AGENCY COMMENTS	MISSING @ SWDIV	SAP WP	001 004	SOUTHWEST DIVISION
RPT		NONE	ENVIRONMENTAL														
N62474-88-D-5086 00000		00.0	NAVFAC - SOUTHWEST DIVISION														

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Location	FRC Access. No.	FRC/SWDIV Box No.	FRC Warehouse Loc.	
Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites	
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Keywords	Sites	
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Keywords	CD No.	
N30519 / 000030	12-01-1999	NAVY	OCAMPO, LUCIANO	SUBMISSION OF FINAL FIELD WORK PLAN/SAMPLING ANALYSIS PLAN (WP/SAP) FOR SHORELINE/LANDFILL AREA AND RESPONSE TO AGENCY COMMENTS	INFO REPOSITORY	SAP WP	001 004	FRC - LAGUNA NIGEL 181-03-0197 1 OF 12 RF5246
LTR NONE 00001	00248 00.0	RWQCB KATHURIA, GINA						
N30519 / 000045	12-01-1999	PRC	REICHMUTH, JEFFE	WASTE DISPOSAL AREA DRAFT PHASE I REMEDIAL INVESTIGATION (RI) REPORT	ADMIN RECORD	RI	001	FRC - LAGUNA NIGEL 181-03-0197 2 OF 12 RF5246
RPT NONE 00212	NONE 00.0	NAVY OCAMPO, LUCIANO						
N30519 / 000043	12-01-1999	NAVY	OCAMPO, LUCIANO	SUBMISSION OF 2ND QUARTERLY GROUNDWATER SAMPLING REPORT OF JUNE 1994 AND WASTE DISPOSAL AREA DRAFT PHASE I RI/FS REPORT OF 07 OCTOBER 1994	INFO REPOSITORY	FS GW RI	001	FRC - LAGUNA NIGEL 181-03-0197 2 OF 12 RF5246
LTR NONE 00001	NONE 00.0	RWQCB KATHURIA, GINA						
N30519 / 000049	12-01-1999	DTSC	ADAMS, RANDY S.	AGENCY COMMENTS ON WASTE DISPOSAL AREA DRAFT PHASE I REMEDIAL INVESTIGATION (RI) REPORT AND 2ND QUARTERLY GROUNDWATER SAMPLING REPORT DATED 18 OCTOBER 1994	ADMIN RECORD	GW RI	001	FRC - LAGUNA NIGEL 181-03-0197 2 OF 12 RF5246
CMNT NONE 00005	NONE 00.0	NAVY OCAMPO, LUCIANO						

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.				Location
Record Type	Record Date	Author					FRC Access. No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC/SWDIV Box No.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc.
							CD No.
N30519 / 000050	12-01-1999	NAVY	RESPONSE TO DTSC COMMENTS ON	ADMIN RECORD	GW	001	FRC - LAGUNA
	04-10-1995	OCAMPO,	WASTE DISPOSAL AREA DRAFT PHASE I		RI		NIGEL
RESP	NONE	LUCIANO	REMEDIAL INVESTIGATION (RI) REPORT				181-03-0197
NONE	00.0	DTSC	AND 2ND QUARTERLY GROUNDWATER				2 OF 12
00008		ADAMS, RANDY S.	SAMPLING REPORT, AND SUBMISSION OF				RF5246
N30519 / 000054	12-01-1999	PRC	DRAFT COMMUNITY RELATIONS PLAN	REMOVED	CRP	001	SOUTHWEST
	04-10-1995	REICHMUTH,	(CRP)			002	DIVISION
RPT	00248	JEFFE				003	
N62474-88-D-5086	00.0	NAVY				004	
00102		OCAMPO,				BASEWIDE	
		LUCIANO					
N30519 / 000053	12-01-1999	NAVY	SUBMISSION OF DRAFT COMMUNITY	INFO	CRP	001	FRC - LAGUNA
	04-28-1995	SAKAKIHARA,	RELATIONS PLAN (CRP)	REPOSITORY		002	NIGEL
LTR	NONE	DEAN				003	181-03-0197
NONE	00.0	RWQCB				004	3 OF 12
00012		KATHURIA, GINA				BASEWIDE	RF5246
N30519 / 000097	12-01-1999	PRC	RESPONSE TO COMMENTS ON THE DRAFT	ADMIN RECORD	CRP	001	FRC - LAGUNA
	01-23-1996		ENVIRONMENTAL FACT SHEET AND FINAL			002	NIGEL
RESP	NONE	NAVY	COMMUNITY RELATIONS PLAN (CRP)			003	181-03-0197
N62474-88-D-5086	00.0					004	3 OF 12
00008						BASEWIDE	RF5246

UIC No. / Rec. No.								Location
Doc. Control No.	Prc. Date	Author Affil.						FRC Access. No.
Record Type	Record Date	Author						FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.						FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.	
N30519 / 000098	12-01-1999	PRC	FINAL COMMUNITY RELATIONS PLAN (CRP)	ADMIN RECORD	CRP	001		FRC - LAGUNA
	01-23-1996					002		NIGEL
RPT	NONE	NAVY				003		181-03-0197
N62474-88-D-5086	00.0					004		3 OF 12
00200						BASEWIDE		RF5246

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Doc. Control No.	Prc. Date	Author Affil.						FRC Access. No.
Record Type	Record Date	Author						FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.						FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.	
N30519 / 000243	05-01-2000	TETRA TECH EM	CHARACTERIZATION OF UNDERGROUND	ADMIN RECORD	BTEX	001		FRC - LAGUNA
NONE	04-30-1999	INC.	STORAGE TANKS AND FUEL PIPELINES		FOSL	002		NIGEL
RPT	00212	D. WEST	REVISED FINAL FIELD WORK PLAN (*SEE		LUFT	003		181-03-0197
N62474-94-D-7609		NAVFAC -	COMMENT FIELD BELOW)		PAH	004		7 OF 12
00200		SOUTHWEST			POL	MW 2-6*		
		DIVISION			PVC	MW 2-7*		RF5246
					SVOC	UST 1		
					TPH	UST 10		
					UST	UST 11		
					VOC	UST 12		
						UST 13		
						UST 14		
						UST 15		
						UST 16		
						UST 17		
						UST 18		
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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000236 NONE RPT N62474-94-D-7609 00050	02-15-2000 10-29-1999 00280	TETRA TECH EM INC. B. SCHULLER NAVFAC - SOUTHWEST DIVISION L. OCAMPO	ENGINEERING EVALUATION/COST ANALYSIS (EE/CA)	ADMIN RECORD INFO REPOSITORY	ARAR EE/CA GW RAB UST	001	FRC - LAGUNA NIGEL 181-03-0197 7 OF 12 RF5246
N30519 / 000234 NONE LTR NONE 00010	02-15-2000 02-01-2000 NONE	CRWQCB - SAN FRANCISCO L. DORN NAVFAC - SOUTHWEST DIVISION M. GALLICE- SONDRUP	COMMENTS ON DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), OCTOBER 29, 1999.	ADMIN RECORD INFO REPOSITORY	COMMENTS EE/CA PAH SVOC TPH VOA VOC	001	FRC - LAGUNA NIGEL 181-03-0197 7 OF 12 RF5246
N30519 / 000235 SWDIV SER 06CM.MS/082 MISC NONE 00041	02-15-2000 02-08-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB L. DORN	RESPONSE TO COMMENTS ON DRAFT PHASE II REMEDIAL INVESTIGATION REPORT- (REFERENCE A/R NUMBERS 213, 214, & 215-DRAFT PHASE II REMEDIAL INVESTIGATION REPORT VOLS 1-3) (DO NOT HAVE COMMENTS IN DATABASE)	ADMIN RECORD INFO REPOSITORY	BTX&E EBS EE/CA FS GW MTBE PAH PID RI TPH UST VOC	001 003 004	FRC - LAGUNA NIGEL 181-03-0197 7 OF 12 RF5246
N30519 / 000259 NONE MM NONE 00012	08-30-2000 04-06-2000 NONE	NAVFAC - SOUTHWEST DIVISION NAVFAC - SOUTHWEST DIVISION	MEETING MINUTES OF THE RESTORATION ADVISORY BOARD (RAB) MEETING HELD ON 02 MARCH 2000	ADMIN RECORD INFO REPOSITORY	MTG MINS RAB SVOC VOC	001 002 003 004 UST 18 UST 2 UST 3	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000249 SWDIV SER 06CM.FA/312 LTR NONE 00018	06-13-2000 04-27-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA L. DORN	RESPONSE TO SECOND ROUND OF COMMENTS DATED 30 JUNE 1999 FOR THE DRAFT PHASE II REMEDIAL INVESTIGATION REPORT (W/ENCLOSURE)	ADMIN RECORD	EE/CA UST VOC	001 004 MW 02-13 MW 02-15 MW 11-22 MW 11-54 WELL BR02-1 WELL BR02-1 WELL SB 02-1	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000250 SWDIV SER 06CM.FA/313 LTR NONE 00011	06-13-2000 04-27-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA L. DORN	TRANSMITTAL OF RESPONSIVENESS SUMMARY FOR THE DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) REPORT (W/ENCLOSURE)	ADMIN RECORD		001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000251 SWDIV SER 06CM.FA/314 LTR NONE 00010	06-13-2000 04-27-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA L. DORN	TRANSMITTAL OF METHANE SURVEY (W/ENCLOSURE)	ADMIN RECORD		001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000252 SWDIV SER 06CM.FA/315 LTR NONE 00025	06-13-2000 04-27-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA L. DORN	TRANSMITTAL OF RESPONSE TO COMMENTS ON THE DRAFT ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) REPORT (W/ENCLOSURE)	ADMIN RECORD		001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000260	08-30-2000	NAVFAC -	MEETING MINUTES OF THE RESTORATION	ADMIN RECORD	EE/CA	001	FRC - LAGUNA
NONE	05-04-2000	SOUTHWEST	ADVISORY BOARD (RAB) MEETING HELD	INFO	LANDFILL	003	NIGEL
MM	NONE	DIVISION	ON 06 APRIL 2000	REPOSITORY	MTG MINS	004	181-03-0197
NONE					RAB	BLDG. 6	8 OF 12
00012		NAVFAC -			TPH	TANK 19	RF5246
		SOUTHWEST					
		DIVISION					
N30519 / 000247	06-13-2000	TETRA TECH EM	FINAL - PHASE II REMEDIAL	ADMIN RECORD	BTEX	001	FRC - LAGUNA
NONE	06-02-2000	INC.	INVESTIGATION REPORT (VOLS. I THRU III)		MTBE	002	NIGEL
RPT	00112	G. MILLER			PAH	003	181-03-0197
N62474-94-D-7609		NAVFAC -			PCB	004	8 OF 12
00450		SOUTHWEST			PCE	MW 11-11	
		DIVISION			PVC	MW 11-28	RF5246
					SVOC	MW 11-36	
					TCE	MW 11-92	
					TDS	MW 11-93	
					TPH	PZ 11-27B	
					TPH-E	PZ 11-31A	
					TPH-P	PZ 11-37A	
					UST	PZ 11-37B	
					VOC		
N30519 / 000246	06-13-2000	NAVFAC -	CHANGE IN MASTER SCHEDULE FOR THE	ADMIN RECORD		001	FRC - LAGUNA
SWDIV SER	06-05-2000	SOUTHWEST	FINAL PHASE II REMEDIAL INVESTIGATION			003	NIGEL
06CM.MS/0427	NONE	DIVISION	REPORT (INCLUDES ENCL. 1 ONLY) ENCL.			004	181-03-0197
LTR		F. ALJABI	2 IS AR #247)				7 OF 12
NONE		CRWQCB,					
00003		OAKLAND, CA					RF5246
		L. DORN					

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000255 TC.0280.10400 RPT N62474-94-D-7609 00050	08-09-2000 07-31-2000 00280	TETRA TECH EM INC. B. SCHULLER NAVFAC - SOUTHWEST DIVISION	WORKING FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA), NAVAL FUEL DEPOT (NFD)	ADMIN RECORD INFO REPOSITORY	BCT BRAC BTEX CERCLA EE/CA IRA PAH PVC RAP RI ROD SVOC TPH UST VOC	001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000262 SWDIV SER 06CM.MS/0744 LTR NONE 00003	09-25-2000 09-13-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA L. DORN	RECOMMENDED QUARTERLY GROUNDWATER MONITORING PROGRAM AT THE WELLS, THE FORMER LANDFILL	ADMIN RECORD		001 BR02-18 BR02-19 MW 1-21 MW 2-06 MW 2-13 MW 2-15 MW 2-22 SW02-04	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000263 DS.0280.14268 & SWDIV SER 06CM.MS/0784 RPT N62474-94-D-7609 00150	10-04-2000 09-28-2000 00280	TETRA TECH EM INC. B. SCHULLER NAVFAC - SOUTHWEST DIVISION M. GALLICE- SONDR	FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) - INCLUDES TRANSMITTAL LETTER BY F. ALJABI, SWDIV (INCLUDES ELECTRONIC VERSION) {SEE AR #264 - CONCURRENCE BY CRWQCB}	ADMIN RECORD	BTEX EE/CA PAH PVC ROD SVOC TPH VOC	001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
Contr./Guid. No.	CTO No.	EPA Cat. #	Recipient	Approx. # Pages								
N30519 / 000264 2119.1057 LTR NONE 00001		11-06-2000 10-16-2000 NONE	CRWQCB - SAN FRANCISCO L. DORN NAVFAC - SOUTHWEST DIVISION M. GALLICE-SONDRUP					REGULATOR CONCURRENCE ON THE FINAL ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) {SEE AR #263 - FINAL EE/CA}	ADMIN RECORD INFO REPOSITORY	EE/CA	001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000266 DS.0280.15768 LTR N62474-94-D-7609 00007		11-22-2000 11-17-2000 00280	TETRA TECH EM INC. E. MILLER NAVFAC - SOUTHWEST DIVISION M. GALLICE-SONDRUP					FINAL FIELD ACTIVITY SUMMARY AND QUALITY ASSURANCE REVIEW FOR QUARTERLY SOIL GAS METHANE MONITORING AT THE WASTE DISPOSAL AREA (WITH ATTACHMENT)	ADMIN RECORD INFO REPOSITORY	MONITORING QA SOIL	001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000267 SWDIV SER 06CM.MS/0969 LTR NONE 00003		12-18-2000 11-28-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, SAN FRANCISCO REGION L. DORN					LETTER SENT TO REGULATOR ENCLOSING A COPY OF FINAL FIELD ACTIVITY SUMMARY AND QUALITY ASSURANCE REVIEW FOR QUARTERLY SOIL GAS METHANE MONITORING W/OUT ENCLOSURE (SEE AR #266 - ENCLOSURE 1)	ADMIN RECORD INFO REPOSITORY	MONITORING QA SOIL	001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246
N30519 / 000268 DS.0280.14276 MEMO N62474-94-D-7609 00060		12-18-2000 12-11-2000 00280	TETRA TECH EM INC. E. MILLER NAVFAC - SOUTHWEST DIVISION					DRAFT ACTION MEMORANDUM {SEE AR #278 - RESPONSE TO AGENCY COMMENTS}	ADMIN RECORD INFO REPOSITORY	ACTMEMO BCT BRAC EE/CA IR PA PAH RAB RI SI TPH UST	001	FRC - LAGUNA NIGEL 181-03-0197 8 OF 12 RF5246

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000269 SWDIV SER 06CM.MS/1006 LTR NONE 00003	12-18-2000 12-12-2000 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, SAN FRANCISCO REGION L. DORN	LETTER SENT TO REGULATOR FOR REVIEW AND COMMENT A COPY OF DRAFT ACTION MEMORANDUM W/OUT ENCLOSURE (SEE AR # 268 - ENCLOSURE 1)	ADMIN RECORD INFO REPOSITORY	ACTMEMO SITE	001	FRC - LAGUNA NIGEL 181-03-0197 9 OF 12 RF5246
N30519 / 000272 DS.0280.14273 RPT N62474-94-D-7609 00160	02-02-2001 01-25-2001 00280	TETRA TECH EM INC. E. MILLER NAVFAC - SOUTHWEST DIVISION M. GALLICE- SONDRUP	DRAFT DESIGN BASIS REPORT, FINAL COVER {SEE AR #273 - DESIGN DRAWINGS, #274 - CONSTRUCTION SPECIFICATIONS, #275 - TRANSMITTAL LETTER BY F. ALJABI & #290 - NAVY'S RESPONSE TO COMMENTS}	ADMIN RECORD INFO REPOSITORY	DESIGN BASIS PVC	001	FRC - LAGUNA NIGEL 181-03-0197 9 OF 12 RF5246
N30519 / 000273 DS.0280.14273 DWG N62474-94-D-7609 00008	02-02-2001 01-25-2001 00280	TETRA TECH EM INC. E. MILLER NAVFAC - SOUTHWEST DIVISION M. GALLICE- SONDRUP	DRAFT DESIGN DRAWINGS, FINAL COVER {SEE AR #272 - DESIGN BASIS REPORT, #274 - CONSTRUCTION SPECIFICATIONS, #275 - TRANSMITTAL LETTER BY F. ALJABI & #290 - NAVY'S RESPONSE TO COMMENTS}	ADMIN RECORD INFO REPOSITORY	DESIGN DRAWIN	001	FRC - LAGUNA NIGEL 181-03-0197 9 OF 12 RF5246
N30519 / 000274 DS.0280.14273 MISC N62474-94-D-7609 00080	02-02-2001 01-25-2001 00280	TETRA TECH EM INC. E. MILLER NAVFAC - SOUTHWEST DIVISION M. GALLICE- SONDRUP	DRAFT CONSTRUCTION SPECIFICATIONS, FINAL COVER {SEE AR #272 - DESIGN BASIS REPORT, #274 - DESIGN DRAWINGS, #275 - TRANSMITTAL LETTER BY F. ALJABI & #290 - NAVY'S RESPONSE TO COMMENTS}	ADMIN RECORD INFO REPOSITORY	CONSTRUCTION	001	FRC - LAGUNA NIGEL 181-03-0197 9 OF 12 RF5246

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
Contr./Guid. No.	CTO No.	EPA Cat. #	Recipient	Approx. # Pages								
N30519 / 000275 SWDIV SER 06CM.MS/0129 LTR NONE 00003	02-13-2001 01-30-2001 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA A. CONSTANTINESC U	TRANSMITTAL OF DRAFT DESIGN FOR FINAL COVER (WITHOUT ENCLOSURE) {SEE AR #272 - DESIGN BASIS REPORT, #273 - DESIGN DRAWINGS & #274 - CONSTRUCTION SPECIFICATIONS}	ADMIN RECORD INFO REPOSITORY							001	FRC - LAGUNA NIGEL 181-03-0197 9 OF 12 RF5246
N30519 / 000291 CTO-0015/0025 MISC N68711-95-D-7526 00032	07-23-2001 02-07-2001 00015	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	INFORMATION MATERIALS FROM THE RESTORATION ADVISORY BOARD (RAB) MEETING HELD ON 07 FEBRUARY 2001 - INCLUDES AGENDA AND PUBLIC NOTICE, MEETING MINUTES, ATTENDANCE LIST AND HANDOUTS OF 01/03/01 MEETING [A PORTION OF THE ATTENDANCE LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	BTEX GW HPAH MTBE MTG MINS PCB RAB TCE TPH VOC						001 004	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000278 SWDIV SER 06CM.MS/0181 LTR NONE 00007	03-01-2001 02-15-2001 NONE	NAVFAC - SOUTHWEST DIVISION F. ALJABI CRWQCB, OAKLAND, CA A. CONSTANTINESC U	RESPONSE TO AGENCY COMMENTS ON THE DRAFT ACTION MEMORANDUM (WITH ENCLOSURE) {SEE AR #268 - DRAFT ACTION MEMORANDUM}	ADMIN RECORD INFO REPOSITORY	ACTMEMO COMMENTS						001	FRC - LAGUNA NIGEL 181-03-0197 9 OF 12 RF5246
N30519 / 000292 CTO-0015/0026 MISC N68711-95-D-7526 00019	07-23-2001 03-07-2001 00015	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	INFORMATION MATERIALS FROM THE RESTORATION ADVISORY BOARD (RAB) MEETING HELD ON 07 MARCH 2001 - INCLUDES AGENDA, PUBLIC NOTICE, DRAFT MEETING MINUTES OF 02/07/01, FINAL MINUTES & ATTENDANCE LIST OF 01/03/01 [PORTION OF ATTENDANCE LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	EE/CA LANDFILL MTG MINS RAB TPH						001 004	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Location	FRC Access. No.	FRC/SWDIV Box No.	FRC Warehouse Loc.	
Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites	
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Keywords	Sites	
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Keywords	CD No.	
N30519 / 000293	07-23-2001	BECHTEL	BECHTEL	INFORMATION MATERIALS FROM THE	ADMIN RECORD	EE/CA	001	FRC - LAGUNA
CTO-0015/0027	04-04-2001	NATIONAL, INC.	NATIONAL, INC.	RESTORATION ADVISORY BOARD (RAB)	INFO	LANDFILL	004	NIGEL
MISC	00015			MEETING HELD ON 04 APRIL 2001 -	REPOSITORY	MTG MINS		181-03-0197
N68711-95-D-7526		NAVFAC -	NAVFAC -	INCLUDES AGENDA & PUBLIC NOTICE,		RAB		10 OF 12
00032		SOUTHWEST	SOUTHWEST	DRAFT MEETING MINUTES OF 03/07/01,				RF5246
		DIVISION	DIVISION	FINAL MINUTES, ATTENDANCE LIST AND				
				HANDOUTS OF 02/07/01				
N30519 / 000282	04-09-2001	BECHTEL	BECHTEL	POINT MOLATE FOCUS NEWSLETTER -	ADMIN RECORD	GW	001	FRC - LAGUNA
CTO-0015/0016	04-09-2001	NATIONAL, INC.	NATIONAL, INC.	ISSUE 11, SPRING 2001: LANDFILL COVER		LANDFILL		NIGEL
MISC	00015			DESIGN UNDERWAY AT SITE 1				181-03-0197
N68711-95-D-7526		NAVFAC -	NAVFAC -					9 OF 12
00005		SOUTHWEST	SOUTHWEST					RF5246
		DIVISION	DIVISION					
N30519 / 000294	07-23-2001	BECHTEL	BECHTEL	INFORMATION MATERIALS FROM THE	ADMIN RECORD	EE/CA	001	FRC - LAGUNA
CTO-0015/0028	05-02-2001	NATIONAL, INC.	NATIONAL, INC.	RESTORATION ADVISORY BOARD (RAB)	CONFIDENTIAL	GW	002	NIGEL
MISC	00015			MEETING HELD ON 02 MAY 2001 -	INFO	LANDFILL	003	181-03-0197
N68711-95-D-7526		NAVFAC -	NAVFAC -	INCLUDES AGENDA, PUBLIC NOTICE,	REPOSITORY	MTG MINS	004	10 OF 12
00060		SOUTHWEST	SOUTHWEST	DRAFT MEETING MINUTES OF 04/04/01,		PAH		RF5246
		DIVISION	DIVISION	FINAL MINUTES & ATTENDANCE LIST OF		RAB		
				03/07/01 [A PORTION OF THE ATTENDANCE		STORMWATER		
				LIST IS CONFIDENTIAL]		TPH		
N30519 / 000287	07-09-2001	TETRA TECH EM	TETRA TECH EM	FINAL METHANE MONITORING SUMMARY	ADMIN RECORD	METHANE	001	FRC - LAGUNA
DS.0280.15682 &	05-25-2001	INC.	INC.	REPORT - WASTE DISPOSAL AREA (WITH	INFO	MONITORING		NIGEL
SWDIV SER	00280	E. MILLER	E. MILLER	ATTACHMENTS) - INCLUDES SWDIV	REPOSITORY	SOIL		181-03-0197
06CM.MGS/0579		NAVFAC -	NAVFAC -	TRANSMITTAL LETTER BY F. ALJABI				9 OF 12
RPT		SOUTHWEST	SOUTHWEST					RF5246
N62474-94-D-7609		DIVISION	DIVISION					
00050		M. GALLICE-	M. GALLICE-					
		SONDRUP	SONDRUP					

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N30519 / 000295	CTO-0015/0029	07-23-2001	BECHTEL NATIONAL, INC.	MISC	06-06-2001	00015	N68711-95-D-7526		NAVFAC - SOUTHWEST DIVISION	00040			INFORMATION MATERIALS FROM THE RESTORATION ADVISORY BOARD (RAB) MEETING HELD ON 06 JUNE 2001 - INCLUDES AGENDA & PUBLIC NOTICE, DRAFT MEETING MINUTES OF 05/02/01, FINAL MINUTES, ATTENDANCE LIST & HANDOUTS OF 04/04/01	ADMIN RECORD INFO REPOSITORY	EE/CA GW LANDFILL MTG MINS RAB	001 002 003 004	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000318	DS.0280.14265 & SWDIV SER 06CM.MGS/0590 MEMO	04-26-2002	TETRA TECH EM INC.	N62474-94-D-7609	06-12-2001	00280	00200	NAVFAC - SOUTHWEST DIVISION					FINAL ACTION MEMORANDUM FOR SITE 1 - INCLUDES SWDIV TRANSMITTAL LETTER BY F. ALJABI	ADMIN RECORD INFO REPOSITORY	ACTMEMO PAH PVC TPH	001	FRC - LAGUNA NIGEL 181-03-0197 11 OF 12 RF5246
N30519 / 000290	DS.0280.16076 & SWDIV SER 06CM.MGS/0631 MISC	07-09-2001	TETRA TECH EM INC.	N62474-94-D-7609	06-18-2001	00280	00019	NAVFAC - SOUTHWEST DIVISION					NAVY'S RESPONSE TO CONTRA COSTA HEALTH SERVICES, LOCAL ENFORCEMENT AGENCY, CITY OF RICHMOND, CRWQCB & CIWMB - INCLUDES SWDIV TRANSMITTAL LETTER BY F. ALJABI	ADMIN RECORD INFO REPOSITORY	COMMENTS	001	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000297	DS.0280.14269 MISC	08-14-2001	TETRA TECH EM INC.	N62474-94-D-7609	07-27-2001	00280	00050	E. MILLER NAVFAC - SOUTHWEST DIVISION					OPINION OF PROBABLE CONSTRUCTION COST FOR THE SITE 1 FINAL COVER	ADMIN RECORD INFO REPOSITORY		001	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.				Location
Record Type	Record Date	Author					FRC Access. No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC/SWDIV Box No.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc.
							CD No.
N30519 / 000166 SWDIV SER 06CM.MP/0831 LTR NONE 00003	10-12-2001 08-10-2001 NONE	NAVFAC - SOUTHWEST DIVISION M. POTACKA CRWQCB, SF REGION A. CONSTANTINESC U	TRANSMITTAL LETTER OF DESIGN BASIS REPORT, DESIGN DRAWINGS AND CONSTRUCTION SPECIFICATIONS FOR SITE 1 FINAL COVER (SEE AR #296 - DESIGN BASIS REPORT)	ADMIN RECORD INFO REPOSITORY		001	FRC - LAGUNA NIGEL 181-03-0197 5 OF 12 RF5246
N30519 / 000296 DS.0280.14267 MISC N62474-94-D-7609 00300	08-14-2001 08-10-2001 00280	TETRA TECH EM INC. E. MILLER NAVFAC - SOUTHWEST DIVISION	FINAL DESIGN BASIS REPORT, DESIGN DRAWINGS, AND CONSTRUCTION SPECIFICATIONS FOR THE SITE 1 FINAL COVER	ADMIN RECORD INFO REPOSITORY	PVC	001	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000307 CTO-0015/0038 MISC N68711-95-D-7526 00025	03-14-2002 09-05-2001 00015	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	INFORMATION MATERIALS FOR THE RESTORATION ADVISORY BOARD (RAB) MEETING HELD ON 05 SEPTEMBER 2001 - INCLUDES AGENDA, SIGN-IN SHEET, DRAFT MEETING MINUTES OF 08/01/01, FINAL MEETING MINUTES OF 06/06/01, PUBLIC NOTICE AND MAILING LIST, WHICH IS CONFIDENTIAL	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	BTEX EIR EIS GW MTBE MTG MINS PAH PCB PUBNOT RAB SOIL SVE TPH TPH-E TPH-P TRPH UST UXO VOC	001 003 004 BLDG. 87	FRC - LAGUNA NIGEL 181-03-0197 11 OF 12 RF5246

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Contr./Guid. No.	CTO No.	Recipient Affil.	Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
N30519 / 000304	FWSD-RAC-01-1134 & SWDIV SER 06CM.MGS/0959 PLAN	01-26-2002	FOSTER WHEELER		09-18-2001	A. LOAN			NAVFAC - SOUTHWEST DIVISION				DRAFT COVER CONSTRUCTION WORK PLAN, REVISION 0 INCLUDES - [SWDIV TRANSMITTAL LETTER BY M. POTACKA]	ADMIN RECORD INFO REPOSITORY	PVC WORK PLAN	001	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000305	FWSD-RAC-01-1122-1 PLAN	01-26-2002	FOSTER WHEELER		09-28-2001	J. SAMANIEGO			NAVFAC - SOUTHWEST DIVISION				FINAL SITE SPECIFIC HEALTH AND SAFETY PLAN, REVISION 1 - "DRAFT" DATED 09/18/01, BECAME "FINAL" ON 09/28/01 - REPLACEMENT PAGES HAVE BEEN INCORPORATED INTO DOCUMENT, SEE INSTRUCTION PAGE PROVIDED BY FOSTER WHEELER	ADMIN RECORD INFO REPOSITORY	BTEX H&SP OPAH VOC	001	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000303	CTO-0015/0041 MISC	12-20-2001	BECHTEL NATIONAL, INC.		10-03-2001				NAVFAC - SOUTHWEST DIVISION				INFORMATION MATERIALS FROM THE RESTORATION ADVISORY BOARD (RAB) MEETING HELD ON 03 OCTOBER 2001 - INCLUDES AGENDA & PUBLIC NOTICE, DRAFT MEETING MINUTES OF 09/05/01, FINAL MINUTES & ATTENDANCE LIST OF 08/01/01 & MAILING LIST (WHICH IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	GW MTG MINS PAH PUBNOT RAB RAP ROD SVE VOC	001 002 003 004 BLDG. 87	FRC - LAGUNA NIGEL 181-03-0197 10 OF 12 RF5246
N30519 / 000306	FWSD-RAC-01-1204 & SWDIV SER 06CM.JK/1060 PLAN	01-26-2002	FOSTER WHEELER		10-05-2001	A. LOAN			NAVFAC - SOUTHWEST DIVISION				FINAL COVER CONSTRUCTION WORK PLAN, REVISION 0 - INCLUDES SWDIV TRANSMITTAL LETTER BY M. POTACKA	ADMIN RECORD INFO REPOSITORY	PVC WORK PLAN	001	FRC - LAGUNA NIGEL 181-03-0197 11 OF 12 RF5246

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Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000301	12-06-2001	BECHTEL	INFORMATION MATERIALS FROM	ADMIN RECORD	BTEX	001	FRC - LAGUNA
CTO-0015/0048	12-05-2001	NATIONAL, INC.	RESTORATION ADVISORY BOARD (RAB)	CONFIDENTIAL	LANDFILL	002	NIGEL
MISC	00015		MEETING HELD ON 05 DECEMBER 2001 -	INFO	MTBE	003	181-03-0197
N68711-95-D-7526		NAVFAC -	INCLUDES AGENDA, MEETING MINUTES	REPOSITORY	MTG MINS	004	10 OF 12
00036		SOUTHWEST	FROM THE 09/05/01 & 10/03/01 MEETINGS,		PAH	PARCEL 29	RF5246
		DIVISION	ATTENDANCE LIST, HANDOUTS, AND		PCB	PARCEL 30	
			MAILING LIST WHICH IS CONFIDENTIAL		RAB	PARCEL 14	
					RAP	PARCEL 20	
					ROD	PARCEL 25	
					TPH-P	PARCEL 28	
					TPH-TPH-E	PARCEL 7	
					TRPH		
N30519 / 000308	03-14-2002	BECHTEL	INFORMATION MATERIALS FROM THE	ADMIN RECORD	BTEX	001	FRC - LAGUNA
CTO-0015/0061	02-06-2002	ENVIRONMENTAL,	RESTORATION ADVISORY BOARD (RAB)	CONFIDENTIAL	CAP	003	NIGEL
MISC	00015	INC.	MEETING HELD ON 06 FEBRUARY 2002 -	INFO	EIR	004	181-03-0197
N68711-95-D-7526		NAVFAC -	INCLUDES AGENDA, DRAFT MEETING	REPOSITORY	EIS	BLDG. 87	11 OF 12
00120		SOUTHWEST	MINUTES OF 12/05/01, FINAL MEETING		GW	PARCEL 14	RF5246
		DIVISION	MINUTES OF 10/03/01, SIGN-IN SHEETS,		MTBE	PARCEL 29	
			HANDOUTS AND MAILING LIST, WHICH IS		MTG MINS	PARCEL 30	
			CONFIDENTIAL		PAH	UST 18	
					PCB	UST 6	
					QAPP		
					TPH		
					TPH-E		
					TPH-P		
					TRPH		
					UST		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000312	04-22-2002	BECHTEL	INFORMATION MATERIALS FOR THE 3	ADMIN RECORD	CAP	001	FRC - LAGUNA
CTO-0015/0068	04-03-2002	ENVIRONMENTAL, INC.	APRIL 2002 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES AGENDA, FINAL MTNG MINUTES & ATTENDANCE LIST FROM 12/05/01 MEETING, DRAFT MEETING MINUTES FROM 02/06/02 MEETING, HANDOUTS & MAILING LIST, WHICH IS CONFIDENTIAL	CONFIDENTIAL	EE/CA	003	NIGEL
MM	00015			INFO	GW	005	181-03-0197
N68711-95-D-7526		NAVFAC - SOUTHWEST DIVISION		REPOSITORY	LANDFILL		11 OF 12
00060					MTG MINS		RF5246
					PAH		
					RAB		
					SOIL		
					TPH		
					VOC		
N30519 / 000314	04-22-2002	BECHTEL	POINT MOLATE FOCUS NEWSLETTER, ISSUE 14, WINTER 2002	ADMIN RECORD	CAP	001	FRC - LAGUNA
CTO-0015/0074	04-22-2002	ENVIRONMENTAL, INC.		INFO	LANDFILL	002	NIGEL
MISC	00015			REPOSITORY		003	181-03-0197
N68711-95-D-7526		NAVFAC - SOUTHWEST DIVISION				004	11 OF 12
00005							RF5246
N30519 / 000327	06-20-2002	FOSTER WHEELER	FINAL SOIL COVER CONSTRUCTION CLOSEOUT REPORT FOR INSTALLATION RESTORATION SITE 1, REVISION 0	ADMIN RECORD	ARAR	001	FRC - LAGUNA
FWSD-RAC-02-1026	05-10-2002	A. LOAN		INFO	MW		NIGEL
RPT	00043	NAVFAC - SOUTHWEST DIVISION		REPOSITORY	NCP		181-03-0197
N68711-98-D-5713					QC		12 OF 12
00300					SOIL		RF5246
					SOIL BORING		
					SOW		
					TPH		
					UST		
					WATER		
					WELLS		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000328	06-20-2002	TETRA TECH EM	DRAFT POSTCLOSURE MONITORING	ADMIN RECORD	ARAR	001	FRC - LAGUNA
DS.0280.17600	05-24-2002	INC.	PLAN - SITE 1 FINAL COVER (SEE AR #331 -	INFO	BRAC		NIGEL
PLAN	00280	B. SCHULLER	RESPONSE TO COMMENTS)	REPOSITORY	CLOSURE		181-03-0197
N62474-94-D-7609		NAVFAC -			EIS		12 OF 12
00400		SOUTHWEST			FOST		
		DIVISION			GW		RF5246
					MONITORING		
					NCP		
					ROD		
					SAP		
					SOIL		

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000324	06-20-2002	BECHTEL	MAILED MATERIALS FOR RESTORATION	ADMIN RECORD	ARAR	001	FRC - LAGUNA
CTO-0015/0081	06-05-2002	ENVIRONMENTAL,	ADVISORY BOARD (RAB) MEETING OF 5	CONFIDENTIAL	AST	003	NIGEL
MISC	00015	INC.	JUNE 2002 INCLUDING: AGENDA, DRAFT	INFO	BCT	BLDG. 18	181-03-0197
N68711-95-D-7526		NAVFAC -	MINUTES FROM 3 APRIL 2002 MEETING,	REPOSITORY	BRAC	BLDG. 87	11 OF 12
00034		SOUTHWEST	FINAL MINUTES FROM 6 FEBRUARY 2002		BTEX		
		DIVISION	MEETING, SIGN IN SHEETS, AND		CAP		RF5246
			PRESENTATION MATERIALS		DQO		
					EBS		
					EE/CA		
					FS		
					FUEL		
					GW		
					IRP		
					MONITORING		
					MTBE		
					MTG MINS		
					NCP		
					NPDES		
					PAH		
					PCB		
					PESTICIDES		
					PIM		
					PRG		
					QA		
					QAPP		
					QC		
					RAB		
					RCRA		
					RI		
					ROD		
					SI		
					SOIL		
					TCE		
					TPH		
					TRPH		

UIC No. / Rec. No.								Location
Doc. Control No.	Prc. Date	Author Affil.						FRC Access. No.
Record Type	Record Date	Author						FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.						FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.	
N30519 / 000331 DS.0280.17603 MISC N62474-94-D-7609 00007	08-08-2002 08-05-2002 00280	TETRA TECH EM INC. NAVFAC - SOUTHWEST DIVISION	COMPILED RESPONSE TO COMMENTS ON THE DRAFT POSTCLOSURE MONITORING PLAN - SITE 1 [COMMENTS BY CRWQCB] (SEE AR #328 - POSTCLOSURE MONITORING PLAN)	ADMIN RECORD INFO REPOSITORY	UST ARAR CLOSURE COC COMMENTS GW HERBICIDE LF METALS MONITORING MW PESTICIDES RESPONSE SOIL SVOC SWAT VOC WELLS	001		FRC - LAGUNA NIGEL 181-03-0197 12 OF 12 RF5246
N30519 / 000332 CTO-0015/0088 MM N68711-95-D-7526 00042	08-08-2002 08-07-2002 00015	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) PRE-MEETING MATERIALS WHICH INCLUDES: AGENDA, DRAFT MINUTES FROM 5 JUNE 2002 MEETING, FINAL MINUTES FROM 3 APRIL 2002 MEETING, PRESENTATION MATERIALS, AND SIGN-IN SHEETS	ADMIN RECORD INFO REPOSITORY	COMMENTS EE/CA GW LF MTG MINS PAH PESTICIDES PIM RAB SEDIMENTS SOIL SOIL BORING TCE WELLS	001 003 BLDG. 87		FRC - LAGUNA NIGEL 181-03-0197 12 OF 12 RF5246

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000338 SWDIV SER 06CM.JK/0940 PLAN N68711-98-D-5713 00012	10-10-2002 09-10-2002 00047	NAVFAC - SOUTHWEST DIVISION M. POTACKA CRWQCB - OAKLAND A. CONSTANTINESC U	TRANSMITTAL OF THE OIL-WATER SEPARATOR DESIGN BASIS; FIGURE 1, SEEP DRAIN OIL-WATER SEPARATOR GENERALIZED LOCATION PLAN; AND ELLIS CORP. EQUIPMENT BROCHURE FOR SITE 1 LANDFILL COVER	ADMIN RECORD INFO REPOSITORY	LF OWS SOIL WATER	001	FRC - LAGUNA NIGEL 181-03-0197 12 OF 12 RF5246
N30519 / 000341 CTO-0015/0097 MISC N68711-95-D-7526 00002	12-02-2002 09-29-2002 00015	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC NOTICE FOR THE RESTORATION ADVISORY BOARD (RAB) MEETING OF 2 OCTOBER 2002 (WEST COUNTY SUNDAY TIMES)	ADMIN RECORD INFO REPOSITORY	IRP PUBNOT RAB	001 002 003 004	FRC - LAGUNA NIGEL 181-03-0197 12 OF 12 RF5246

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Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000339	10-10-2002	TETRA TECH EM	DRAFT SUPPLEMENTAL ENVIRONMENTAL	ADMIN RECORD	ASBESTOS	001	FRC - LAGUNA
DS.A008.10015	09-30-2002	INC.	BASELINE SURVEY (SEE AR #129 - FINAL	INFO	AST	002	NIGEL
RPT	DO 008	B. SCHULLER	EBS, #343 - DRAFT FINAL SUPPLEMENTAL	REPOSITORY	BRAC	003	181-03-0197
N68711-00-D-0005		NAVFAC -	EBS, AND #345 - FINAL SUPPLEMENTAL		EBS	004	12 OF 12
00125		SOUTHWEST	EBS)		EIS	BLDG. 1	
		DIVISION			GW	BLDG. 10	RF5246
					PAH	BLDG. 123	
					PCB	BLDG. 13	
					PESTICIDES	BLDG. 17	
					PIPELINE	BLDG. 18	
					POL	BLDG. 6	
					RAB	BLDG. 63	
					RCRA	BLDG. 87	
					ROD		
					SOIL		
					SOLVENTS		
					TCE		
					TPH		
					UST		
					VOC		
					VSI		

UIC No. / Rec. No.								Location
Doc. Control No.	Prc. Date	Author Affil.						FRC Access. No.
Record Type	Record Date	Author						FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.						FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.	
N30519 / 000337	09-25-2002	BECHTEL	MAILED MATERIALS FOR 2 OCTOBER 2002	ADMIN RECORD	ARAR	001		FRC - LAGUNA
CTO-0015/0095	10-02-2002	ENVIRONMENTAL, INC.	RESTORATION ADVISORY BOARD (RAB)	CONFIDENTIAL	AST	003		NIGEL
MM	00015		MEETING INCLUDING AGENDA, DRAFT	INFO	BCT	BLDG. 18		181-03-0197
N68711-95-D-7526		NAVFAC -	MINUTES FROM 7 AUGUST 2002 MEETING,	REPOSITORY	BGS	BLDG. 87		12 OF 12
00040		SOUTHWEST	AND FINAL MINUTES FROM 5 JUNE 2002		BRAC			
		DIVISION	MEETING WITH ATTACHMENTS		BTEX			RF5246
					CANCER			
					DQO			
					DRINKING WATE			
					EBS			
					EE/CA			
					FS			
					FUEL			
					GW			
					MTBE			
					MTG MINS			
					NCP			
					PAH			
					PCB			
					PRG			
					PROPOSED PLAN			
					QA			
					QAPP			
					QC			
					RAB			
					RCRA			
					RI			
					ROD			
					SI			
					SOIL			
					TCE			
					TPH			
					UST			

UIC No. / Rec. No.							Location
Doc. Control No.	Prc. Date	Author Affil.					FRC Access. No.
Record Type	Record Date	Author					FRC/SWDIV Box No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC Warehouse Loc.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	CD No.
N30519 / 000357 SWDIV SER 06CM.JK/0084 MISC NONE 00010	04-15-2003 10-21-2002 NONE	NAVFAC - SOUTHWEST DIVISION CRWQCB - OAKLAND A. CONSTANTINESC U	RESPONSE TO CRWQCB COMMENTS ON THE SEEP DRAIN OIL WATER SEPARATOR CONSTRUCTION PLAN, LANDFILL COVER AND OIL WATER SEPARATOR ADDITIONAL DESIGN DRAWINGS BY FOSTER WHEELER (WITH ENCLOSURES)	ADMIN RECORD INFO REPOSITORY	COMMENTS LANDFILL	001	SOUTHWEST DIVISION
N30519 / 000342 CTO-0015/0100 MISC N68711-95-D-7526 00018	12-03-2002 12-04-2002 00015	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PRE-MEETING MAILER FOR RESTORATION ADVISORY BOARD (RAB) MEETING OF 4 DECEMBER 2002; INCLUDES DRAFT MINUTES FROM 2 OCTOBER 2002, REVISED DRAFT MINUTES FROM 7 AUGUST 2002, AND MAILING LIST PARTS OF WHICH ARE CONFIDENTIAL	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	BCT BGS BRAC CANCER EBS GW MTG MINS PESTICIDES RAB SOIL TCE TPH UST WELLS	001 002 003 004 BLDG. 87	FRC - LAGUNA NIGEL 181-03-0197 12 OF 12 RF5246
N30519 / 000351 CTO-0015/0108 MISC N68711-95-D-7526 00020	03-21-2003 02-05-2003 00015	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	AGENDA FOR THE 05 FEBRUARY 2003 RESTORATION ADVISORY BOARD MEETING, INCLUDES DRAFT MINUTES FROM 12/04/02 MEETING, FINAL MINUTES FROM 10/02/02 MEETING, FINAL MINUTES FROM 08/07/02 MEETING AND VARIOUS HANDOUTS (MAILING LIST & SIGN-IN SHEET ARE CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	BTEX MTBE MTG MINS PAH PCB RAB TCE TPH	001 003 004	SOUTHWEST DIVISION

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Contr./Guid. No.	CTO No.	EPA Cat. #	Recipient	Approx. # Pages								
N30519 / 000346	03-21-2003		BECHTEL					AGENDA FOR THE 05 MARCH 2003	ADMIN RECORD	BTEX	001	SOUTHWEST
CTO-0015/0115	03-05-2003		ENVIRONMENTAL, INC.					RESTORATION ADVISORY BOARD (RAB)	CONFIDENTIAL	MTBE	004	DIVISION
MM	00015							MEETING - INCLUDES DRAFT MINUTES	INFO	TPH		
N68711-95-D-7526			NAVFAC -					FROM 02/05/03 MEETING AND FINAL	REPOSITORY	TRPH		
00000			SOUTHWEST DIVISION					MINUTES FROM 12/04/02 MEETING				
								(MAILING LIST AND SIGN-IN SHEET				
								CONTAIN CONFIDENTIAL INFORMATION)				
N30519 / 000368	08-20-2003		CONTRA COSTA					COMMENTS ON DRAFT ENCLOSURES	ADMIN RECORD	COMMENTS	001	SOUTHWEST
NONE	07-17-2003		HEALTH					PROPOSED AS REVISION ONE TO THE	IR-READY	POSTCLOSURE		DIVISION
LTR	NONE		SERVICES					POSTCLOSURE MAINTENANCE AND				
NONE			A. VINLUAN					MONITORING PLAN SITE 1				
00003			NAVFAC -									
			SOUTHWEST DIVISION									
			D. ROLLEFSON									
N30519 / 000365	08-08-2003		CDM FEDERAL					FINAL 2003 ANNUAL SITE 1 LANDFILL	ADMIN RECORD		001	SOUTHWEST
SWDIV SER	07-21-2003		PROGRAMS,					POSTCLOSURE MONITORING REPORT -	CONFIDENTIAL			DIVISION
06CM.MB/1069	DO 0045		CORP.					[INCLUDES SWDIV TRANSMITTAL LETTER	INFO			
RPT			S. THIBEAULT					BY M. BLOOM], (PORTION OF MAILING LIST	REPOSITORY			
N68711-00-D-0004			NAVFAC -					IS CONFIDENTIAL)				
00150			SOUTHWEST DIVISION									
N30519 / 000367	08-20-2003		CRWQCB - SAN					COMMENTS ON DRAFT ENCLOSURES FOR	ADMIN RECORD	COMMENTS	001	SOUTHWEST
NONE	07-31-2003		FRANCISCO					REVISION ONE OF THE POSTCLOSURE	IR-READY	LANDFILL		DIVISION
LTR	NONE		A.					MAINTENANCE AND MONITORING PLAN				
NONE			CONSTANTINESC					(PMP) SITE 1				
00001			U									
			NAVFAC -									
			SOUTHWEST DIVISION									
			D. ROLLEFSON									

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Record Type	Record Date	Author					FRC Access. No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC/SWDIV Box No.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc.
							CD No.
N30519 / 000372 NONE LTR NONE 00007	11-06-2003 09-02-2003 NONE	CRWQCB - OAKLAND A. CONSTATINESCU NAVFAC - SOUTHWEST DIVISION M. BLOOM	LETTER IN RESPONSE TO REQUEST FOR IDENTIFICATION OF POTENTIAL STATE CHEMICAL-SPECIFIC AND LOCATION- SPECIFIC, AND ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS	ADMIN RECORD INFO REPOSITORY	ARAR	001	SOUTHWEST DIVISION
N30519 / 000336 DS.110-02.02 & SWDIV SER 06CM.DR/1274 PLAN N62474-94-D-7609 00250	09-20-2002 09-04-2003 00280	TETRA TECH EM INC. B. SCHULLER NAVFAC - SOUTHWEST DIVISION	FINAL POSTCLOSURE MAINTENANCE AND MONITORING PLAN - SITE 1 LANDFILL, REVISION 1	ADMIN RECORD INFO REPOSITORY	ARAR BRAC CLOSURE EIS FOSET FOST GW LF MONITORING MW NCP ROD SAP WATER WELLS	001	FRC - LAGUNA NIGEL 181-03-0197 12 OF 12 RF5246
N30519 / 000378 NONE RPT N68711-00-D-0004 00060	01-20-2004 10-29-2003 DO 0045	CDM FEDERAL S. THIBEAULT NAVFAC - SOUTHWEST DIVISION	FINAL JULY 2003 QUARTERLY SITE 1 LANDFILL POSTCLOSURE MONITORING REPORT	ADMIN RECORD INFO REPOSITORY		001	SOUTHWEST DIVISION

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Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites
Contr./Guid. No.	CTO No.	Recipient Affil.	Recipient	Subject	Classification	Keywords	Sites
Approx. # Pages	EPA Cat. #	Recipient	Recipient	Subject	Classification	Keywords	CD No.
N30519 / 000381 DT 110-02.06 & SWDIV SER 06CM.DR/1450 RPT N68711-03-C-5007 00200	01-21-2004 11-10-2003 NONE	SULLIVAN CONSULTING GROUP S. FISHER NAVFAC - SOUTHWEST DIVISION D. ROLLEFSON	SULLIVAN CONSULTING GROUP S. FISHER NAVFAC - SOUTHWEST DIVISION D. ROLLEFSON	DRAFT FEASIBILITY STUDY FOR INSTALLATION RESTORATION SITE 1 [INCLUDES SWDIV TRANSMITTAL LETTER BY M. BLOOM] (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	PAH TPH	001 SOUTHWEST DIVISION
N30519 / 000397 SER 06CM.JK/0059 RPT N68711-00-D-0004 00100	07-27-2004 01-29-2004 DO 0045	CDM FEDERAL PROGRAMS, CORP. S. THIBEAULT NAVFAC - SOUTHWEST DIVISION	CDM FEDERAL PROGRAMS, CORP. S. THIBEAULT NAVFAC - SOUTHWEST DIVISION	FINAL OCTOBER 2003 QUARTERLY SITE 1 LANDFILL POSTCLOSURE MONITORING REPORT [SWDIV TRANSMITTAL LETTER BY M. BLOOM] (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD INFO REPOSITORY	LANDFILL	001 SOUTHWEST DIVISION
N30519 / 000382 23921-04/1 MM N68711-00-D-0004 00030	02-06-2004 02-04-2004 DO 039	CDM FEDERAL RAB MEMBERS	CDM FEDERAL RAB MEMBERS	MEETING MAILER FOR THE 04 FEBRUARY 2004 MEETING - INCLUDES AGENDA, 12/03/03 DRAFT MEETING MINUTES, MASTER SCHEDULE, 10/01/03 FINAL MEETING MINUTES, [INCLUDES PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	MTG MINS	001 SOUTHWEST DIVISION
N30519 / 000385 NONE MM N68711-00-D-0004 00030	05-03-2004 02-04-2004 DO 039	CDM NAVFAC - SOUTHWEST DIVISION	CDM NAVFAC - SOUTHWEST DIVISION	MEETING MAILER FOR THE 04 FEBRUARY 2004 MEETING - INCLUDES AGENDA, 02/04/04 DRAFT MEETING MINUTES, MASTER SCHEDULE, 12/03/03 FINAL MEETING MINUTES, [INCLUDES PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	MTG MINS	001 SOUTHWEST DIVISION

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Record Type	Record Date	Author					FRC Access. No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC/SWDIV Box No.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc.
							CD No.
N30519 / 000383 FILE NO. 2119.1057 (AVC) MISC NONE 00003	03-18-2004 02-11-2004 NONE	CRWQCB - OAKLAND A. CONSTANTINESC U NAVFAC - SOUTHWEST DIVISION M. BLOOM	CRWQCB COMMENTS ON THE DRAFT FEASIBILITY STUDY FOR INSTALLATION RESTORATION SITE 1	ADMIN RECORD INFO REPOSITORY	COMMENTS	001	SOUTHWEST DIVISION
N30519 / 000395 SWDIV SER. 06CM.JK/0440 RPT N68711-00-D-0004 00040	07-08-2004 04-20-2004 DO 0045	CDM FEDERAL PROGRAMS CORP H. PEEL NAVFAC - SOUTHWEST DIVISION	FINAL JANUARY 2004 QUARTERLY LANDFILL POSTCLOSURE MONITORING AND MAINTENANCE REPORT FOR LANDFILL NAVAL FUEL DEPOT [INCLUDES SWDIV TRANSMITTAL LETTER BY M. BLOOM]	ADMIN RECORD INFO REPOSITORY	REPORT SOIL STORMWATER WATER	001	SOUTHWEST DIVISION
N30519 / 000387 FILE NO. 2119.1057 (AVC) MISC NONE 00002	05-05-2004 04-26-2004 NONE	CRWQCB - SAN FRANCISCO A. CONSTANTINESC U NAVFAC - SOUTHWEST DIVISION M. BLOOM	REGIONAL WATER QUALITY CONTROL BOARD (RWQCB'S) COMMENTS ON NAVY'S RESPONSE TO COMMENTS REGARDING THE DRAFT FEASIBILITY STUDY (FS) I AT NAVAL FUEL DEPOT	ADMIN RECORD IR-READY	COMMENTS WASTE WATER	001	SOUTHWEST DIVISION
N30519 / 000391 FILE NO. 2119.1057 (AVC) LTR NONE 00001	06-17-2004 05-26-2004 NONE	CRWQCB - SAN FRANCISCO A. CONSTANTINESC U NAVFAC - SOUTHWEST DIVISION M. BLOOM	CONCURRENCE ON THE NAVY'S RESPONSE TO ADDITIONAL COMMENTS (RTC) FOR THE DRAFT FEASIBILITY STUDY(FS)INSTALLATION RESTORATION AT THE NAVAL FUEL DEPOT, (SEE AR # 387 RWQCB'S COMMENTS FOR THE NAVY'S RESPONSE TO COMMENTS (RTC))	ADMIN RECORD INFO REPOSITORY	COMMENTS FUEL	001	SOUTHWEST DIVISION

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Record Type	Record Date	Author					FRC Access. No.
Contr./Guid. No.	CTO No.	Recipient Affil.					FRC/SWDIV Box No.
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc.
							CD No.
N30519 / 000394 SWDIV SER. 06CM.DR/0567 MISC N68711-03-R-5007 00100	07-02-2004 05-27-2004 NONE	SULLIVAN CONSULTING GROUP M FOSTER NAVFAC - SOUTHWEST DIVISION	FINAL FEASIBILITY STUDY (FS) INSTALLATION RESTORATION (IR), NAVAL FUEL DEPOT [INCLUDES SWDIV TRANSMITTAL LETTER BY D. CLARK] (AR# 381 DRAFT FEASIBILITY STUDY (FS))	ADMIN RECORD INFO REPOSITORY	GW PAH TPH UST WATER	001	SOUTHWEST DIVISION
N30519 / 000392 SWDIV SER. 06CM.DR/0628 PLAN NONE 00008	06-21-2004 06-01-2004 NONE	NAVFAC - SOUTHWEST DIVISION	DRAFT PROPOSED PLAN, NAVAL FUEL DEPOT [INCLUDES SWDIV TRANSMITTAL LETTER BY M. BLOOM]	ADMIN RECORD INFO REPOSITORY	FUEL GAS OIL PLAN SOIL WASTE	001	SOUTHWEST DIVISION
N30519 / 000404 110-02.11 MISC N68711-03-G-7018 00009	09-21-2004 07-01-2004 00001	SULLIVAN NAVFAC - SOUTHWEST DIVISION	PROPOSED PLAN FOR INSTALLATION RESTORATION (IRP) NAVAL FUEL DEPOT	ADMIN RECORD	GW PLAN SOIL UST WASTE	001	SOUTHWEST DIVISION
N30519 / 000407 2119.1057 LTR NONE 00001	10-15-2004 07-06-2004 NONE	CRWQCB - SAN FRANCISCO A. CONSTANTINESC U NAVFAC - SOUTHWEST DIVISION M. BLOOM	CONCURRENCE ON THE FINAL FEASIBILITY STUDY	ADMIN RECORD INFO REPOSITORY		001	SOUTHWEST DIVISION

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Record Type	Record Date	Author		FRC Access. No.			
Contr./Guid. No.	CTO No.	Recipient Affil.		FRC/SWDIV Box No.			
Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc. CD No.
N30519 / 000396 SWDIV SER. 06CM.JK/0708 RPT N68711-00-D-0004 00030	07-19-2004 07-12-2004 DO 0045	CDM FEDERAL PROGRAMS CORP NAVFAC - SOUTHWEST DIVISION	FINAL 2004 ANNUAL LANDFILL POSTCLOSURE MONITORING REPORT [SWDIV TRANSMITTAL LETTER BY M. BLOOM]	ADMIN RECORD INFO REPOSITORY	REPORT SOIL WATER	001	SOUTHWEST DIVISION
N30519 / 000398 FILE CODE:23921- 04/1 MM N68711-00-D-0004 00030	08-03-2004 07-28-2004 DO 039	CDM BROWN AND CALDWELL NAVFAC - SOUTHWEST DIVISION	31 MARCH 2004 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES - INCLUDES AGENDA FOR 08/04/04 AND VARIOUS HANDOUT MATERIALS [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS GW MTG MINS	001	SOUTHWEST DIVISION
N30519 / 000406 NONE MM NONE 00019	10-04-2004 08-04-2004 NONE	NICCOLI REPORTING J. GAMBLE NAVFAC - SOUTHWEST DIVISION	PUBLIC MEETING REPORTERS TRANSCRIPT ON THE PROPOSED PLAN LANDFILL	ADMIN RECORD INFO REPOSITORY	GW MTG MINS PLAN SOIL WASTE	001	SOUTHWEST DIVISION
N30519 / 000409 SWDIV SER BPMOW.JCK/0074 RPT N68711-00-D-0004 00050	11-15-2004 11-04-2004 DO 0045	CDM FEDERAL PROGRAMS CORP. S. THIBEAULT NAVFAC - SOUTHWEST DIVISION	FINAL JULY 2004 QUARTERLY SITE 1 LANDFILL POSTCLOSURE MONITORING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY A. LEE] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	OWS	001	SOUTHWEST DIVISION - BLDG. 129

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Approx. # Pages	EPA Cat. #	Recipient	Subject	Classification	Keywords	Sites	FRC Warehouse Loc.
							CD No.
N30519 / 000413 DT 110-02.13 AND SWDIV SER 06CM.DR/0210 RPT NONE 00050	12-28-2004 12-01-2004 NONE	BRAC - SAN DIEGO NAVFAC - SOUTHWEST DIVISION	DRAFT RECORD OF DECISION [INCLUDES SWDIV TRANSMITTAL LETTER BY M. BLOOM] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD INFO REPOSITORY	BTEX PAH PCB ROD SVOC TPH VOC	001	SOUTHWEST DIVISION - BLDG. 129
N30519 / 000414 23921-04/1 MTG MINS N68711-00-D-0004 00036	01-25-2005 01-20-2005 DO 039	BROWN AND CALDWELL NAVFAC - SOUTHWEST DIVISION	02 FERUARY 2005 BRAC CLEANUP TEAM (BCT) AND RESTORATION ADVISORY BOARD (RAB) MEETING MATERIALS - INCLUDES AGENDA, 12/01/04 & 10/06/04 MEETING MINUTES, SIGN-IN AND VARIOUS HANDOUT MATERIALS {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLOSURE RAB ROD	001 004 BLDG. 87	SOUTHWEST DIVISION - BLDG. 129
N30519 / 000419 SWDIV SER BPMOW.JCK/0417 RPT N68711-00-D-0004 00050	02-24-2005 02-21-2005 DO 0045	CDM FEDERAL PROGRAMS CORP. NAVFAC - SOUTHWEST DIVISION	FINAL DECEMBER 2004 QUARTERLY LANDFILL POSTCLOSURE MONITORING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY M. BLOOM] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	LF MONITORING	001	SOUTHWEST DIVISION - BLDG. 129
N30519 / 000430 FILE NO. 2119.1057 (AVC) COMMENTS NONE 00002	06-21-2005 03-03-2005 NONE	CRWQCB - SAN FRANCISCO A. CONSTANTINESC U NAVFAC - SOUTHWEST DIVISION M. BLOOM	COMMENTS ON THE DRAFT RECORD OF DECISION (ROD) FOR SITE 1 (SEE AR # 429 FOR NAVY'S RESPONSE TO COMMENTS)	ADMIN RECORD	COMMENTS ROD	001	SOUTHWEST DIVISION

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
Contr./Guid. No.	CTO No.	EPA Cat. #	Recipient	Approx. # Pages								
N30519 / 000420 NONE MTG MINS NONE 00041	04-04-2005 03-29-2005 NONE	BROWN AND CALDWELL NAVFAC - SOUTHWEST DIVISION	02 FEBRUARY 2005 RESTORATION ADVISORY BOARD (RAB) DRAFT MEETING MINUTES - INCLUDES 01 DECEMBER 2004 RAB MEETING MINUTES INCLUDES SIGN-IN SHEETS, VARIOUS HANDOUTS AND DISTRIBUTION LIST {PORTION OF DISTRIBUTION LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	MTG MINS RAB	001 003 004 BLDG. 87	SOUTHWEST DIVISION - BLDG. 1					
N30519 / 000429 110-02.15 CORRESP N68711-03-C-5007 00005	06-15-2005 04-05-2005 NONE	NAVFAC - SOUTHWEST DIVISION CRWQCB - SAN FRANCISCO	RESPONSE TO AGENCY COMMENTS DATED 1 MARCH 2004 ON THE RECORD OF DECISION (ROD) FOR SITE 1 (RECORD DATE IS DATE RESPONSE WAS E-MAILED TO CRWQCB) - (SEE AR # 430 FOR AGENCY COMMENTS)	ADMIN RECORD INFO REPOSITORY	COMMENTS ROD	001	SOUTHWEST DIVISION - BLDG. 1					
N30519 / 000431 FILE NO. 2119.1057 (AVC) COMMENTS NONE 00002	06-21-2005 04-28-2005 NONE	CRWQCB - SAN FRANCISCO A. CONSTANTINESCU NAVFAC - SOUTHWEST DIVISION M. BLOOM	AGENCY COMMENTS ON NAVY'S RESPONSE LETTER DATED 5 APRIL 2005 ON THE DRAFT RECORD OF DECISION (ROD) FOR SITE 1 (SEE AR # 429 FOR NAVY'S RESPONSE LETTER; SEE AR # 430 FOR AGENCY'S INITIAL COMMENTS)	ADMIN RECORD INFO REPOSITORY	COMMENTS ROD	001	SOUTHWEST DIVISION					
N30519 / 000423 23921-03/3 RESPONSE N68711-00-D-0004 00016	05-12-2005 05-03-2005 DO 039	BROWN AND CALDWELL NAVFAC - SOUTHWEST DIVISION	POINT MOLATE FOCUS NEWSLETTER, ISSUE 18, SPRING 2005 OF THE ENVIRONMENTAL RESTORATION PROGRAMS {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	NEWSART ROD	001	SOUTHWEST DIVISION - BLDG. 1					

UIC No. / Rec. No.	Doc. Control No.	Prc. Date	Author Affil.	Record Type	Record Date	Author	Recipient Affil.	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
Contr./Guid. No.	CTO No.	Reciprocat. Affil.	Recipient	Approx. # Pages	EPA Cat. #							
N30519 / 000428 110-02.16 CORRESP	06-15-2005 05-09-2005	NAVFAC - SOUTHWEST DIVISION	CRWQCB - SAN FRANCISCO		NONE			RESPONSE TO ADDITIONAL AGENCY COMMENTS DATED 28 APRIL 2005 ON THE RECORD OF DECISION (ROD) FOR SITE 1 (RECORD DATE IS DATE RESPONSE WAS E-MAILED TO CRWQCB) - (SEE AR # 431 FOR AGENCY'S ADDITIONAL COMMENTS)	ADMIN RECORD INFO REPOSITORY	COMMENTS ROD	001	SOUTHWEST DIVISION - BLDG. 1
N30519 / 000424 SWDIV SER BPMOW.JCK/0703 RPT	05-23-2005 05-16-2005	CDM - FEDERAL PROGRAMS CORP.	BRAC - SAN DIEIGO		DO 045			FINAL MARCH 2005 QUARTERLY LANDFILL POSTCLOSURE MONITORING REPORT [INCLUDES SWDIV TRANSMITTAL LETTER BY M. BLOOM] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	LF MONITORING	001	SOUTHWEST DIVISION - BLDG. 1
N30519 / 000432 NONE CORRESP NONE 00001	06-21-2005 05-24-2005	NAVFAC - SOUTHWEST DIVISION M. BLOOM CRWQCB - SAN FRANCISCO A. CONSTANTINESC U			NONE			E-MAIL CONFIRMING TELECONFERENCE BETWEEN NAVY AND CRWQCB TO CLARIFY FINAL CHANGE AGREEMENTS MADE TO THE RECORD OF DECISION (ROD) FOR SITE 1	ADMIN RECORD INFO REPOSITORY	COMMENTS ROD	001	SOUTHWEST DIVISION

Total Estimated Record Page Count: 6,519

Total - Administrative Records: 108

[UIC NUMBER]='N30519'

No Keywords

Sites=001

No Classification

APPENDIX B
PUBLIC NOTICE

1 page.

PUBLIC NOTICE

Legal Notice

FILED
JUNE 23, 2004
STEPHEN L. WEIR
County Clerk
CONTRA COSTA COUNTY
By P. CORNELIUS, Deputy

**STATEMENT OF
ABANDONMENT OF USE OF
FICTITIOUS BUSINESS
NAME**

The following persons have abandoned the use of the fictitious business name QUIZNO'S at 2175 MEEKER, RICHMOND, CA 94804

The fictitious business name referred to above was filed in Contra Costa County on Jan. 25, 2002, under file number 2002-669.

PACIFIC EMPIRE, INC. (CALIFORNIA)

This business was conducted by: a corporation, /s/ David Deponceau, President

This statement was filed with the County Clerk of Contra Costa County on the date indicated by file stamp above.
Legal WCT 2706
Publish July 7, 14, 21, 28, 2004

FILED JUNE 23, 2004
STEPHEN L. WEIR,
County Clerk
CONTRA COSTA COUNTY
By P. CORNELIUS, Deputy
FILE NO. 2004-5559

**FICTITIOUS BUSINESS
NAME STATEMENT**
The name of the business: QUIZNO'S CLASSIC SUBS located at 2175 MEEKER AVE. in RICHMOND, CA 94804 is hereby registered by the following owner(s): KEYWAY PACIFIC, INC CALIFORNIA

This business is conducted by: a corporation /s/ Kay Bahk

This statement was filed with the County Clerk of Contra Costa on date indicated by file stamp above. Business commenced on June 23, 2004

Expires June 23, 2009
Legal WCT 2705
Publish July 7, 14, 21, 28, 2004

Legal Notice

The Department of the Navy announces a Proposed Plan for Cleanup at Naval Fuel Depot Point Molate.

The Department of the Navy (Navy) invites the public to comment on the Proposed Plan for Installation Restoration Site 1 Landfill (Site 1) located at the Naval Fuel Depot Point Molate, in Richmond, California. The Navy issued the Proposed Plan in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and has concurrence of the Regional Water Quality Control Board, San Francisco Bay Region.

Waste was disposed of at Site 1 between 1953 and 1979. The waste discarded at Site 1 was primarily construction debris and some oily waste from the fuel tank system at Point Molate. Site 1 has been extensively investigated and documented in Remedial Investigation and Feasibility Study reports. In 2002, the Navy constructed a soil cap over the landfill to prevent direct contact with the waste, a drainage system to control surface water and groundwater, an oil/water separator to remove petroleum from the groundwater, and venting wells to release any methane gas generated by the waste.

Legal Notice

The alternatives considered for the final remedial action at Site 1 are: Alternative 1-no action; Alternative 2-continued maintenance and monitoring of the landfill cap and other components, and institutional controls, which are legal restrictions on future activities at the site; and Alternative 3-maintenance and monitoring activities as in Alternative 2, and the addition of a filtration system on the oil/water separator. The Proposed Plan recommends Alternative 3. The proposed filtration system would remove the remaining petroleum compounds from the water coming out of the oil/water separator, minimizing the potential exposure of humans and the environment to petroleum compounds.

30-Day Public Comment Period

The Navy is seeking public comment prior to making a final decision on the cleanup of Site 1. The 30-day public comment period is from July 21, 2004, to August 20, 2004. During this time, comments may be submitted orally or in writing at the public meeting or written comments can be mailed and postmarked no later than August 20, 2004, to: NAVFACENGCOSM Southwest Division, Attn: Michael Bloom, 1230 Columbia St., Suite 1100, San Diego, CA 92101-8517. Comments may also be submitted during this period via e-mail at: michael.s.bloom@navy.mil.

Public Meeting

The Navy will present its Proposed Plan at a public meeting scheduled for August 4, 2004, from 6 p.m. to 7 p.m. at the Richmond Public Library, 325 Civic Center Plaza, Richmond, CA, (510) 620-6561.

For More Information

The public is encouraged to review the Proposed Plan document, as well as other site-related documents at the following information repositories: Richmond Public Library, 325 Civic Center Plaza, Richmond, CA, (510) 620-

Legal Notice

6561, hours: M & Tu 3p.m. - 7 p.m., Wed. & Th. 2 p.m. - 6 p.m., and Fri. & Sat. 1 p.m. - 5 p.m. or Richmond Redevelopment Agency, 1401 Marina Way South, Richmond, CA, (510) 307-8140, hours: M-F 8:30 a.m.-5 p.m. The Proposed Plan can also be reviewed on the Navy's Point Molate webpage at: www.efdsww.navfac.navy.mil/environmental/PointMolate.htm.
Legal WCT 2802
Publish July 21, 2004

**NOTICE TO CREDITORS
OF BULK SALE AND OF
INTENTION TO TRANSFER
ALCOHOLIC BEVERAGE
LICENSE**
(U.C.C. 6101 et seq. and
B & P 24073 et seq.)

Escrow No. 2911B-2

Notice is hereby given that a bulk sale of assets and a transfer of alcoholic beverage license is about to be made. The names, Social Security or Federal Tax Numbers, and addresses of the Seller/Licensee are:
KERAN XIE
1586 FITZGERALD DRIVE
PINOLE, CA 94564

The business is known as:
PINOLE VISTA LIQUORS

The names, Social Security or Federal Tax Numbers, and addresses of the Buyer/Transferee are:
LYZAMMA AUGUSTINE
CHEMPARATHY
19 RED ARROW CT.
EL SOBRANTE, CA 94803

As listed by the Seller/Licensee, all other business names and addresses used by the Seller/Licensee within three years before the date such list was sent or delivered to the Buyer/Transferee are: (if "none", so state):
NONE

The assets to be sold are described in general as:
FIXTURES, EQUIPMENT, INVENTORY, GOODWILL, LEASEHOLD IMPROVEMENTS, LEASEHOLD INTEREST, LIQUOR LICENSE, COVENANT NOT TO COMPETE and are located at: 1586 FITZGERALD DRIVE, PINOLE, CA 94564

The kind of license to be transferred is: OFF SALE GENERAL; License No.: 21-325735
now issued for the premises located at: 1586 FITZ-

Fictitious Business Name Statements

After filing your Fictitious Business Name Statement with the County Clerk in Martinez, you will need to publish it within 30 days of filing in a Newspaper of General Circulation in the area where your business is located. To publish a Fictitious Business Name Statement in the West County Times, please submit the blue stamped and filed copy. We will publish your notice once each week for 4 weeks, file the Proof of Publication with the County Clerk and provide you with a copy for your records. The cost for publication is \$59.00 for 1 to 2 owners, \$69.00 for 3 owners and \$79.00 for 4 owners. Please contact us at the telephone number below for charges on additional names. Mail or deliver the blue copy and your prepayment to: West County Times, Attn: Legal Advertising, 4301 Lakeside Drive, Richmond, CA 94806. For more information, please call 510-262-2740.

APPENDIX C
TRANSCRIPT OF PUBLIC MEETING

19 pages.

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NAVAL FUEL DEPOT POINT MOLATE
PROPOSED PLAN
SITE 1 LANDFILL
PUBLIC MEETING

REPORTER'S TRANSCRIPT

WEDNESDAY, AUGUST 4, 2004

Richmond Public Library
325 Civic Center Plaza
Richmond, California

Reported by Janine P. Gamble, RPR, C.S.R. No. 10372
=====***=====

NICCOLI REPORTING
619 Pilgrim Drive
Foster City, CA 94404-1707
(650) 573-9339

CERTIFIED SHORTHAND REPORTERS SERVING THE BAY AREA

1 FACILITATOR: MICHAEL BLOOM - U.S. Department of the
Navy

2

3 RAB MEMBERS AND REGULATORS

4 SHIRLEY R. BUTT - RAB Member

5 ADRIANA CONSTANTINESCU - San Francisco Regional Water
Quality Control Board

6 (SFRWQCB)

7 DON DELCOLLO - RAB Member

8 LUCRETIA EDWARDS - RAB Member

9 SARAH EELES - RAB Member

10 DON GOSNEY - RAB Member

11 ARNIE KASENDORF - RAB Member

12 JIL KIERNAN - RAB Member

13 MYRON KING - RAB Member

14 NAGARAJA RAO - RAB Member

15 JEAN SIRI - RAB Member, East Bay Regional Park District

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AUDIENCE

- DIANE BEECK - Tetra Tech EM Inc.
- DAVID CLARK - U.S. Department of the Navy
- SOULA CULVER - Local Resident
- JENNIFER GIBSON - Sullivan International Group, Inc.
- AARON GOODE - Local Resident
- CAROLYN HUNTER - Tetra Tech EM Inc.
- THOMAS JOHNSON - Local Resident
- JOANNE KING - Local Resident
- JOHN KOWALCZYK - U.S. Department of the Navy
- Lt. E. McBRIDE - Richmond Police Department
- CRAIG V. MURRAY - City of Richmond
- LEE H. SAUNDERS - U.S. Department of the Navy
- BETTY SCHMUCKER - Brown and Caldwell
- JOHN SCHOFIELD - Local Resident
- BRIAN SCHULLER - Tetra Tech EM Inc.
- STEFANIE SILVIA - Local Resident
- WYNN YIN - Brown and Caldwell

----oOo----

1 RICHMOND, CALIFORNIA, WEDNESDAY, AUGUST 4, 2004

2 6:20 P.M.

3 ---oOo---

4 MR. BLOOM: Welcome, everyone. I would like to
5 officially start our -- our public session. Okay.

6 Again, welcome. I'm Michael Bloom, and I'm the
7 BRAC environmental coordinator from the Navy. My office
8 is in San Diego.

9 And we're here today to talk about the Site 1
10 Proposed Plan at Point Molate. And hopefully when you
11 got here at 6:00, or even before, you had a chance to
12 walk around and look at the posters and talk to some of
13 the Navy staff here and our contractors about it.

14 What we'll do is we're going to go through a
15 presentation of the history of Site 1 and what our
16 Proposed Plan is, what our action is, to remediate
17 Site 1, and then after that we'll open it for public
18 comment.

19 So, what I would like to do is introduce some
20 of the folks here, if you haven't met them already, and
21 they're all around the room.

22 So from the Navy, David Clark, back here. He's
23 a project manager for a couple of the sites on
24 Point Molate.

25 And John Kowalczyk over here is also a project

1 manager with the Navy.

2 Our contractors, this is Jennifer Gibson from
3 Sullivan; Brian Schuller from Tetra Tech; Wynn Yin from
4 Brown and Caldwell.

5 On this side, Diane Beeck from Tetra Tech.
6 Over here is Adriana Constantinescu. She is with the
7 San Francisco Regional Water Quality Control Board.

8 MS. EDWARDS: You're doing fine.

9 MR. BLOOM: I'm sorry?

10 MS. EDWARDS: You're doing fine.

11 MR. BLOOM: She is with the regulatory agency
12 overseeing the environmental process for Point Molate.

13 And Lee Saunders just arrived. He is also with
14 the Navy. He's our public affairs officer.

15 And Betty Schmucker, also with Brown and
16 Caldwell. She helps us run our RAB meeting, which is
17 actually -- we're going to have our official RAB meeting
18 after this meeting, meeting at 7:00 o'clock tonight.

19 And thank you very much.

20 Carolyn Hunter with Tetra Tech.

21 So with that --

22 Okay. So, again, as I mentioned earlier, we're
23 going to open it up for verbal comments this evening
24 after our brief presentation of the project. If you do
25 not wish to speak tonight, again, you don't have to.

1 You can send written comments on this Proposed Plan to
2 me. And my address is listed there. I'm not going to
3 go through it. It's also on the handouts here, printed
4 in there. It's also in the Proposed Plan and plenty of
5 other places I think we've placed it.

6 So you're more than welcome to mail comments to
7 me. You can E-mail comments to me. My E-mail address
8 is also in the brochures.

9 We just need to have all comments, written,
10 verbal tonight, or E-mailed to us and received no later
11 than August 20th. Actually, it's postmarked by
12 August 20th. It's a 30-day public comment period which
13 started July 22nd, I believe, or July 21st.

14 Let's see.

15 Oh, all verbal comments tonight and anything
16 I'm saying, and anything we're all going to say, is
17 going to be recorded by Janine here, who's our
18 stenographer. She'll be here for the public meeting
19 only, not our RAB meeting, but for the Proposed Plan
20 meeting.

21 Also, I just wanted to mention that the Navy at
22 this time -- if you do make a verbal comment or turn in
23 a written comment tonight, we will not be answering the
24 comments specifically tonight. We will do that -- we
25 will get all the comments. They will all be included in

1 a responsiveness summary that's part of the Record of Decision
2 for the site.

3 And the Record of Decision is the next document
4 after the Proposed Plan that comes out. And the Record
5 of Decision is the final legal binding document that
6 explains our actions at Site 1. This Proposed Plan is
7 proposing it, what our preferred alternative is.

8 And with that I'm going to turn it over to
9 Brian Schuller to get into the history of the site.

10 MR. SCHULLER: All right. Thank you, Michael.

11 Point Molate is a former Naval fuel depot where
12 they transferred and stored fuel for the Pacific Fleet.
13 Site 1 landfill is located near the center of
14 Point Molate. It's approximately one acre in size.

15 Waste disposal activities at the site occurred
16 intermittently between approximately 1953 and 1979.
17 Through site investigations wastes were identified as
18 primarily construction debris with some petroleum
19 wastes. These petroleum wastes came from disposal
20 activities such as disposing of debris, tank bottoms, as
21 well as from releases associated with the underground
22 tanks and underground pipelines surrounding the site
23 where the petroleum releases flowed towards Site 1.

24 As a result of disposal activities and these
25 releases, the soil and groundwater at this site is

1 impacted by petroleum.

2 The Navy has conducted a number of
3 investigations at the site since the early 1990s. These
4 investigations include soil and groundwater sampling as
5 well as evaluating the character and extent of the
6 waste.

7 Based on the information gathered during these
8 investigations as well as EPA guidance, the Navy
9 prepared an Engineering Evaluation and Cost Analysis, or
10 an EECA. This EECA recommended construction of a soil
11 cover with drainage controls; a gas venting system,
12 methane gas venting system; and monitoring network,
13 groundwater monitoring network; the implementation of
14 institutional or land-use controls, as well as a
15 maintenance and monitoring program.

16 The construction of the primary components
17 recommended in the EECA was completed in March of 2002,
18 and these include the soil cover, which prevents
19 exposure of the waste at the surface, includes the
20 surface water drainage controls, which allows for
21 surface water to flow around the site versus through the
22 waste, and a seep collection drain. This {drain} is at the toe
23 of the landfill and prevents the buildup of groundwater at
24 the site.

25 Methane vents. Methane occurs because the

1 waste is naturally degrading. These vents prevent it
2 from building up by allowing it to vent out.

3 Also the soil gas monitoring wells. These
4 allow us to monitor methane concentrations at the
5 perimeter of the landfill to make sure the methane is
6 not migrating out of the landfill into the subsurface.

7 There is also a groundwater monitoring well
8 network which allows us to sample groundwater
9 periodically to make sure contamination is not
10 migrating in groundwater out of the landfill.

11 As a result of petroleum being found in the
12 seep collection drain, the Navy constructed an oil water
13 separator in December of 2002. The Navy is also
14 conducting quarterly monitoring and inspections of the
15 landfill. The monitoring includes groundwater sampling
16 as well as methane sampling. And the inspections make
17 sure that all components of the landfill are in good
18 working condition.

19 Recently an FS was completed to evaluate if any
20 other actions are necessary at Site 1. And I'll turn it
21 over to Diane Beeck who is going to speak specifically
22 about the FS.

23 MS. BEECK: Thank you, Brian.

24 The Feasibility Study looked at the landfill as
25 it is now with the components that Brian described to

1 you and also took the sampling that we had done with the
2 monitoring of the landfill and looked and tried to
3 answer the question is there anything else we need to do
4 here.

5 So the Feasibility Study identified two
6 concerns. One was to continue the maintenance and
7 monitoring of the landfill, and the second one was to
8 treat the water coming out of the oil water separator.

9 So in response to those two needs, we came up
10 with these three alternatives. Alternative 1 is no
11 action, which means that nothing else would happen at
12 the site. Alternative 2 is continuing the maintenance
13 and monitoring activities that are ongoing now and
14 protecting the landfill cover so the waste isn't
15 exposed, and also doing institutional controls, which
16 are legal restrictions which stop certain activities at
17 the site. I'll describe those later. And
18 Alternative 3, which combines the two components of
19 Alternative 2 and adds on a filtration system on the
20 water coming out of the oil water separator.

21 And our preferred alternative is Alternative 3.
22 And I will go through the components of Alternative 3 in
23 a little bit more detail for you.

24 As Brian stated, the soil cover was put on to
25 protect humans and the environment from exposure to the

1 waste. And so this landfill cover needs to be
2 maintained so there is no exposure. And also the
3 monitoring of the groundwater and the methane is
4 necessary to make sure that the methane isn't migrating
5 off-site and that the groundwater is not a threat.

6 The second part of it is institutional
7 controls, and these are legally binding restrictions
8 that stop certain activities from occurring at Site 1.
9 These activities include digging at the landfill that
10 might expose the waste or tampering with or harming any
11 of the other components which maintain the water or any
12 other components on those. So these institutional
13 controls restrict future activities.

14 And the final thing is the filtration system on
15 the oil water separator. As some of our recent sampling
16 results show, there was a small amount of petroleum
17 that was going through the oil water separator, and then
18 those levels were slightly above the acceptable levels.

19 So the oil water separator basically removes
20 the free product petroleum. And free product is the
21 stuff -- the petroleum that when it's in water it either
22 floats or sinks. Like when you're at the gas station
23 and you see a sheen on a puddle, that's the gasoline on
24 the top. That is removed by the oil water separator.

25 The problem was that there was dissolved or

1 emulsified petroleum in the groundwater, and the oil
2 water separator isn't designed to take care of that. So
3 we added the filtration system onto this alternative to
4 get rid of it.

5 The Proposed Plan includes the installation of
6 the system and also the monitoring of it to check how
7 it's functioning and see when we can remove the system.
8 And after four consecutive sampling events, if all four
9 of those sampling events say that the levels of
10 petroleum are below acceptable levels or they're not
11 detected at all, or if it is determined at a later time
12 that the water no longer poses a threat to the
13 environment or human health, this system can be removed.
14 And based on --

15 AUDIENCE: How frequently are the samples done?

16 MS. BEECK: Right now we are doing them twice a
17 year. The landfill is four times a year.

18 MR. SCHULLER: Just as a general reminder.

19 MS. BEECK: What was I saying?

20 AUDIENCE: Hi, my name is Diane.

21 MS. BEECK: I'll start over.

22 MR. SCHULLER: When we remove the filtration
23 system.

24 MS. BEECK: Oh, yes.

25 After four consecutive sampling events of

1 nondetection or below action levels. And we are
2 estimating based on the levels of petroleum, which are
3 decreasing, and the other actions that are going on at
4 the site, that this system could be removed in five
5 years if all of that stuff happens.

6 And that was it. I'll turn it back over to
7 Michael.

8 MR. BLOOM: Thank you.

9 I just wanted to introduce you to Adriana
10 Constantinescu again. She wants to speak a few words.

11 MS. CONSTANTINESCU: Thank you and -- thank
12 you, Mike.

13 And good evening everyone. I'm Adriana
14 Constantinescu, project manager for Point Molate with
15 the state agency named San Francisco Bay Regional Water
16 Quality Control Board. We are the only regulatory
17 agency overseeing this project, and as I mentioned
18 before numerous times, because of the proximity to
19 San Francisco Bay.

20 And we started this activity at Site 1 back in
21 time. And on the screen you can see listed seven of the
22 main projects related to Site 1.

23 Project reports that had been reviewed,
24 evaluated, and approved along the time by the Water
25 Board staff [sic]. And those are the Remedial

1 Investigation Report already mentioned by Brian, the
2 final EECA issued in 2000, the Site 1 Action Memorandum
3 final cover design, the design for the oil separator
4 that is on the plans today, the final Feasibility Study
5 that we had approved in June 2004. And we already had
6 approved the draft Proposed Plan for Site 1.

7 And today I want to show one more time that the
8 Water Board staff prefers the proposed alternative,
9 Alternative 3, because it is protective to human health
10 and the environment, and also it complies with all of
11 the applicable and relevant and appropriate requirements
12 for this site.

13 Questions? Only comments. I would like to
14 answer questions, but our procedure for this public
15 meeting is different, and the Navy will take only your
16 comments.

17 Thank you for your attention.

18 MR. BLOOM: Thank you, Adriana.

19 There have been four people that already had
20 put written -- written requests in that they would like
21 to speak, so I'm going to call them in the order that --
22 you can stay where you are and just speak.

23 We have until 7:00 o'clock, so I would ask
24 maybe three minutes apiece. If you need more time, you
25 know, it shouldn't be too much of a problem.

1 Would anybody else like to speak that has not
2 filled out a form to speak tonight?

3 (No audible response elicited.)

4 MR. BLOOM: Okay. Then we should be fine. I
5 mean, you know, maybe even five minutes apiece would
6 work.

7 The first person I have is I believe John
8 Schofield.

9 MR. SCHOFIELD: Yes, I'm John Schofield. I'm a
10 resident of Richmond. And basically I think
11 Alternative 3 is a good alternative except the part that
12 the land use in eliminating future changes is
13 unacceptable because I think there are other
14 technologies such as vapor barriers, active gas
15 collection and systems that could allow for development
16 of the entire site for various uses.

17 And disadvantages, if you don't allow for
18 future changes, it diminishes the use for the entire
19 Point Molate property. And, you know, I think when the
20 City of Richmond entered into its agreement with the
21 Navy to acquire the 85 percent, you know, they acquired
22 it I think a couple years ago, 85 percent, and then
23 there was 15 percent with anticipation that you would
24 clean up the remainder of the property to what it would
25 be acceptable for a broad range of uses.

1 And so, you know, to me what it seems like is
2 that the proposed restrictions on this property plays
3 into the hands of Chevron, which would like to limit any
4 kind of development on that particular point.

5 And those are my comments.

6 MR. BLOOM: Thank you.

7 Next is Steffi Silva -- Steffi Silvia.

8 MS. SILVIA: Yeah, two first names.

9 I'm Steffi Silvia, and I'm a 40-year resident
10 of Richmond. And it probably would have been better if
11 I had been the last one to comment on it, but the thing
12 is after you have done all this rehabbing of this
13 property, what's going to happen next? Because aren't
14 you -- even with the rehab, aren't you kind of limited
15 what kind of activities you can have on top of a cap?

16 Hopefully you will not disturb the cap and
17 whatever. What is going to happen, and how is the
18 process going to the City of Richmond who acquired --
19 actually had the property given to them -- what are they
20 going to do with it?

21 And I think this impacts very greatly the work
22 you do with rehabbing and what the city plans on doing
23 with it. After all, you can't -- I think it's a rather
24 fragile cap. You cannot dig in there and come in there
25 and do heavy construction or whatever else they have

1 planned for it.

2 So I think this is very much of interest to us
3 who live here who like to see this nice chunk of land
4 not go and be thrown out. This is a once-in-a-lifetime
5 opportunity. Not too many times do you have a big piece
6 of land like that coming your way. So I really would
7 like to know what's going to happen with it and what the
8 limitations are concerning the activities on top of
9 this piece of land.

10 MR. BLOOM: Thank you.

11 Myron King.

12 MR. KING: Yeah, Myron King, merchant with the
13 downtown association of Richmond.

14 One thing that I think should be looked at no
15 matter what plan is taken is that they should have a
16 civilian oversight board to look and see what's going on
17 and make sure things are being done correctly.

18 Thank you.

19 MR. BLOOM: Thank you.

20 And Don Delcollo.

21 MR. DELCOLLO: Is there any chance at all that
22 this whole schmear can be turned into a public park,
23 just give it to the national parks for the homeland --
24 home front security, home front national park, or the
25 shoreline park, or something --

1 MS. SILVIA: Yes.

2 MR. DELCOLLO: -- because, you know, as soon as
3 dollar signs get into people's eyes, they divide the
4 public from the officials and the land goes to -- to
5 people who have the money to develop it and it -- in
6 many ways it will be lost to the rest of us forever.

7 MS. SILVIA: And that opportunity never comes
8 back again.

9 MR. DELCOLLO: There you go, comment. That was
10 a comment --

11 MR. BLOOM: Thank you.

12 MR. DELCOLLO: -- as well as a question.

13 MR. BLOOM: Two filled out paperwork with the
14 same name, so we had four.

15 Is there anybody else who would like to give a
16 formal comment verbally? And if not, like I said
17 before, we're accepting written comments either by -- on
18 the form here, or if you just want to do your own on a
19 piece of paper or E-mail it, up till August 20th. So,
20 again, feel free to do that as well.

21 If there is nobody else that wants to actually
22 get up and formally speak, we will keep this open until
23 7:00 o'clock in case somebody does, but feel free to get
24 up and mill around and look at the posters again.

25 And, if not, thank you for coming.

1 (Recess from 6:41 p.m. to 7:00 p.m.)

2 MR. BLOOM: Ladies and gentlemen, I just need
3 to make an official announcement. The public meeting
4 for the Proposed Plan for Site 1 is officially closed.

5 (Off record at 7:01 p.m., 8/4/04.)

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APPENDIX D
RESPONSIVENESS SUMMARY

3 pages.

RESPONSE TO PUBLIC COMMENTS ON THE PROPOSED PLAN

This document presents the Navy's responses to comments on the Proposed Plan for Site 1 at NFD Point Molate, in Richmond, California. The comment period began on July 21, 2004 and ended on August 20, 2004. The responsiveness summary presents the views of the public and documents the consideration of public comments in the Record of Decision.

The Navy received two types of comments: 1) written comments received during the public comment period, and 2) formal oral comments received during a public meeting on August 4, 2004. The Navy received three written comments and four oral comments. Two of the written comments were also presented verbally during the public meeting; these comments are grouped together below. Written comments are presented verbatim. Comments presented verbally are summarized below. [Appendix C](#) contains the official transcript from the public meeting.

- 1. Verbal Comment: One commenter stated alternative technologies are available which could allow for development of the site for various uses. This commenter was concerned that land use controls precluded the development of the site for a broad range of uses. The elimination of future changes diminishes the use of the entire property at Point Molate. (Appendix C, Page 15)**

Commenter: John Schofield, Richmond, California

Response: Remedial technologies were evaluated during the EE/CA and the selected remedy was determined to be the best alternative for this site based on characterization and cost. Furthermore, the LUC for the selected remedy apply only within the boundaries of Site 1 and will not apply to the remainder of Point Molate.

Land use controls (LUCs) in the form of institutional controls (ICs) would be implemented to maintain the integrity of the soil cover, prohibit residential development and use of the site, and prohibit use of groundwater at Site 1. The land use controls are applicable only to Site 1 at NFD Point Molate, a one-acre former waste disposal area. These land use controls are consistent with the future land use for Site 1 as recreational open space.

The design basis for the open space plan for Site 1 is provided in the City of Richmond's Point Molate Reuse Plan. The land is characterized as hillside open space for parcels of terrain where a 15 percent slope is exceeded, such as at Site 1. This characterization agrees with guidance in Title 27 CCR 21190(b), which designates that the design will consider one or more proposed uses of the site to provide a focus for the efforts of the operator, or will show development as open space, graded to harmonize with the setting and landscaped with native shrubbery or low-maintenance ground cover.

2. **Verbal Comment:** This commenter inquired into the limitations on activities that could occur on top of the landfill cover. The landfill cover would reduce the options available for the City of Richmond. The commenter expressed concern that the options available for a large piece of land are restricted. (Appendix C, Page 16)

Commenter: Steffi Silva, Richmond, CA

Response: This document exclusively addresses Site 1 at NFD Point Molate. Future land use for Site 1 is designated in the City of Richmond's Point Molate Reuse Plan as recreational open space. The basis for the open space designation provided in the City of Richmond's Point Molate Reuse Plan is to protect an important resource for recreation and appreciation of the site's natural qualities.

As part of the remedy selected in this ROD, the Navy will implement ICs that affect the potential future land uses of Site 1 because of the presence the landfill. The ICs would be implemented to maintain the integrity of the soil cover, prohibit residential development and use of the site, and prohibit use of groundwater at Site 1. A statutory review will be conducted within five years of initiation of the selected remedy to ensure that this remedy continues to provide adequate protection of human health and the environment.

3. **Verbal Comment:** This commenter requested that a civilian oversight board be established to oversee future actions at the site. (Appendix C, Page 17)

Written Comment: A very good analysis resulting in Alternative 3 being the only one to use.

Commenter: Myron King, Richmond, CA

Response: The Navy appreciates the support and concurrence to the selected alternative. Alternative 3 is the selected remedy because it is protective of human health and the environment.

The Navy has sought active participation from the community throughout the environmental decision-making process for Site 1. The Point Molate Restoration Advisory Board (RAB) is the formally established body that includes board members from the local community, regulatory agencies and the Navy. The RAB provides one avenue for the community to advise on remedial action activities to be performed at NFD Point Molate. The Navy formed the RAB for NFD Point Molate in August 1996 to facilitate communication among the Navy, affected community, and regulatory agencies. The Navy appreciates the involvement of its RAB members at NFD Point Molate. The Navy has also encouraged public participation at Point Molate through the periodic newsletter *The Point Molate Focus*, announcements

published in the *West County Times*, and through RAB/site tours. The Navy will continue to include the community in its activities at Point Molate.

4. **Verbal Comment: One commenter requested that a national park be created at NFD Point Molate. This commenter expressed concerns relating to the sale of NFD Point Molate to developers. (Appendix C, Page 17)**

Written Comment: Any chance at all the whole works could become a public park?

Commenter: Don Delcollo, Richmond, CA

Response: This Record of Decision applies only to Site 1 at NFD Point Molate, a one-acre former waste disposal area. Future land use for Site 1 is designated in the City of Richmond's Point Molate Reuse Plan as recreational open space. The basis for the open space designation provided in the City of Richmond's Point Molate Reuse Plan is to protect an important resource for recreation and appreciation of the site's natural qualities and does not apply to the remaining acreage of Point Molate.

5. **Written Comment: TRAC supports preferred alternative 3 for all the reasons stated in the proposed plan for Site 1**

Commenter: Bruce Beyaert, representing Trails for Richmond Action Committee (TRAC)

Response: The Navy appreciates the support and concurrence of TRAC. Alternative 3 is the selected remedy because it is protective of human health and the environment.

**APPENDIX E
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS REQUEST
LETTER**

2 pages.



DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132 - 5190

5090
Ser 06CM.MB/1202
August 25, 2003

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Ms. Adriana Constantinescu
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Dear Ms. Constantinescu:

Subj: IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS FOR THE FEASIBILITY STUDY OF THE WASTE DISPOSAL AREA, INSTALLATION RESTORATION SITE 1 AT NAVAL FUEL DEPOT POINT MOLATE, RICHMOND, CALIFORNIA

Pursuant to accomplishing the goals of the Naval Fuel Depot Point Molate (NFD Point Molate) Installation Restoration (IR) Program, we are hereby requesting that the California Regional Water Quality Control Board (San Francisco Bay Region), as the lead agency for the State of California, identify potential State chemical-specific and location-specific, and action-specific Applicable or Relevant and Appropriate Requirements (ARARs) for the Waste Disposal Area, IR Site 1 at NFD Point Molate.

The site characterization data presented in the Phase I Remedial Investigation (RI) report, (October 1994), Phase II RI (June 2000), Engineering Evaluation/ Cost Analysis (September 2000) and Action Memorandum (June 2001) should allow you to begin to identify, with some specificity, State chemical-specific and location-specific ARARs. For action-specific ARARs, no action, continued maintenance, monitoring and institutional controls, and continued maintenance, monitoring, institutional controls, and engineering controls have been identified for the remediation of the Waste Disposal Area, IR Site 1. The remedial alternatives will be discussed in detail in the Feasibility Study (FS) Report, which will be issued in September 2003.

In addition, the Department of the Navy is requesting that the State of California identify any other criteria, advisories, guidance, and proposed standards that the State requests to be considered (TBC) for the above-identified IR Site, which has entered the FS phase. Please coordinate responses from all California state agencies.

Timely identification of potential State ARARs is required under Section 121(d)(2)(A) of CERCLA and under the National Contingency Plan (NCP), 40 CFR 300.400(g) and 300.515(d) & (h). Experience to date around the country has shown that a failure to identify ARARs with sufficient precision early in the FS process can cause severe disruptions in timely implementation of remedial action. To ensure timely and complete ARARs identification for IR Site 1, please include the following information:

5090
Ser 06CM.MB/1202
August 25, 2003

1. A specific citation to the statutory or regulatory provision(s) for the potential State ARAR and the date of enactment or promulgation.
2. A brief description of why the potential State ARAR is applicable or relevant and appropriate to IR Site 1.
3. A description of how the potential State ARAR would apply to the potential remedial action, including: specific numeric discharge, effluent, or emission limitations; hazardous substance/constituent action or cleanup levels; etc., if the State intends to take the position that the potential State ARAR includes such limitations, levels, etc.
4. If the State believes its proposed ARAR is more stringent than the corresponding Federal ARAR, please provide the rationale and technical justification for this position.
5. If the State determines that there is not enough information to fully respond to our request, please identify any additional information that would be required to support identification of State ARARs and their application.

Consistent with 40 CFR 300.515(h)(2), we are requesting that you send a response via first class mail addressed to me and postmarked within 30 calendar days of receipt of this request. Please direct any technical questions that you may have concerning this request to Mr. Duane Rollefson (619) 532-0957 and any legal questions to Mr. Nick Bollo, Environmental Counsel at (619) 532-0909.

Sincerely,



MICHAEL S. BLOOM
BRAC Environmental Coordinator
By direction of the Commander

Copy to:
Mr. George Nakamura
Contra Costa County
Environmental Health Services
2120 Diamond Boulevard, Suite 200
Concord, CA 94520

Mr. Scott Humpert
California Integrated Waste Management Board
1001 I Street
Sacramento, CA 95814

APPENDIX F
APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

- Table F-1 Federal Chemical-Specific Applicable or Relevant and Appropriate Requirements
- Table F-2 State Chemical-Specific Applicable or Relevant and Appropriate Requirements
- Table F-3 Federal Location-Specific Applicable or Relevant and Appropriate Requirements
- Table F-4 Federal Action-Specific Applicable or Relevant and Appropriate Requirements
- Table F-5 State Action-Specific Applicable or Relevant and Appropriate Requirements

TABLE F-1: FEDERAL CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
Resource Conservation and Recovery Act (42 USC, ch.82, §§ 6901-6991[ij])^b				
Defines RCRA hazardous waste. A solid waste is characterized as toxic, based on the TCLP, if the waste exceeds the TCLP maximum concentrations.	Waste	22 CCR §§ 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100	Applicable	Applicable for determining whether a waste is a RCRA hazardous waste. The Navy will determine whether the clay and carbon filters contemplated under Alternative 3 are RCRA hazardous waste at the time the waste is generated.
Generators of RCRA hazardous waste must determine if the waste meets the treatment standards for disposal to land and must complete notifications and certifications regarding any required treatment of the waste prior to its being disposed of on land.	RCRA hazardous waste	22 CCR §66268.7(a)	Applicable	Applicable for disposal of the filters from the oil and water separator.

Notes:

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

§	Section
ARAR	Applicable or relevant and appropriate requirement
CCR	<i>California Code of Regulations</i>
RCRA	Resource Conservation and Recovery Act
TCLP	Toxicity characteristic leaching procedure

TABLE F-2: STATE CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
Cal/EPA Department of Toxic Substances Control^b				
Definition of “non-RCRA hazardous waste.”	Waste	22 CCR §§ 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	Applicable for determining whether a waste is a non-RCRA hazardous waste. The Navy will determine whether the clay and carbon filters contemplated under Alternative 3 are non-RCRA hazardous waste at the time the waste is generated.
State and Regional Water Quality Control Boards^b				
Presents the beneficial uses of groundwater and surface waters	Water	San Francisco Bay Regional Water Quality Control Plan (Basin Plan), Chapter 2	Applicable	The Basin Plan identifies beneficial uses associated with the groundwater at Site 1. State Water Resources Control Board Resolution 88-63, incorporated into the Basin Plan, further defines the municipal and domestic supply beneficial use.
Establishes narrative and numerical water quality objectives	Water	Basin Plan, Chapter 3	Applicable	The Basin Plan establishes narrative and numerical water quality objectives for groundwater based on beneficial use. After the beneficial use of the groundwater at Point Molate is decided, the Navy will determine the appropriate extent of the applicability of Chapter 3 to the groundwater.
Definitions of designated waste, nonhazardous waste, and inert waste	Waste	27 CCR §§ 20210, 20220, and 20230	Applicable	Applicable for determining whether a waste is a designated, nonhazardous, or inert waste. The Navy will determine whether the clay and carbon filters contemplated under Alternative 3 meet these waste definitions at the time the waste is generated.

**TABLE F-2: STATE CHEMICAL-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
California Integrated Waste Management Board^b				
The concentration of methane gas at the landfill boundary shall not exceed 5 percent by volume in air, and trace gases shall be controlled to prevent adverse acute and chronic exposure to toxic and acute carcinogenic compounds.	Solid waste disposal site	27 CCR § 20921(a)(2) and (3)	Relevant and appropriate	These regulations were identified as relevant and appropriate in the Final Action Memorandum for the closure and postclosure care of the landfill at Site 1. Because gas monitoring is continuing at Site 1 under the Site 1 PMP, these regulations are identified as potential ARARs in this FS.

Notes:

a Only the substantive provisions of the requirements cited in this table are ARARs.

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

§ Section

ARAR Applicable or relevant and appropriate requirement

CCR *California Code of Regulations*

Cal/EPA California Environmental Protection Agency

Site 1 PMP Site 1 Postclosure Maintenance and Monitoring Plan ([Tetra Tech 2002b](#))

RCRA Resource Conservation and Recovery Act

TABLE F-3: FEDERAL LOCATION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Location	Requirement	Prerequisite	Citation ^a	ARAR Determination	Comments
Exec. Order No. 11990, Protection of Wetlands^b					
Wetland	Action to minimize the destruction, loss, or degradation of wetlands.	Wetland meeting definition of Section 7.	40 CFR § 6.302(a)	Applicable	The outfall of the OWS discharges to a wetland. The Navy will comply with this potential ARAR by adding clay and carbon filters to the oil and water separator to reduce the levels of TPH in the effluent to levels protective of the wetland if effluent samples indicate contaminant levels over those listed in Table 1 of the FS.
Migratory Bird Treaty Act of 1972 (16 USC §§703)^b					
Migratory bird area	Protects almost all species of native migratory birds in the US from unregulated "take," which can include poisoning at hazardous waste sites.	Presence of migratory birds.	16 USC §§703	Relevant and appropriate	There are migratory birds present at NFD Point Molate. The Navy is in compliance with this potential ARAR because the contamination at Site 1 and the planned remedial actions do not adversely affect any migratory bird.

Notes:

- a Only the substantive provisions of the requirements cited in this table are ARARs.
- b Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs; specific ARARs are addressed in the table below each general heading; only pertinent substantive requirements of specific citations are considered ARARs.
- § Section
- ARAR Applicable or relevant and appropriate requirement
- CFR *Code of Federal Regulations*
- TPH Total petroleum hydrocarbon
- USC United States Code

TABLE F-4: FEDERAL ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
Resource Conservation and Recovery Act (42 USC, Chapter 82, §§ 6901-6991[I])^a					
On-site waste generation	Person who generates waste shall determine if that waste is a hazardous waste.	Generator of waste.	22 CCR § 66262.10(a) and 66262.11	Applicable	Applicable for any operation where hazardous waste is generated. The Navy will determine whether the clay and carbon filters are RCRA hazardous waste at the time the filters are ready for off-site disposal.
On-site waste generation	Requirements for analyzing waste to determine if waste is hazardous.	Generator of waste.	22 CCR § 66264.13(a) and (b)	Applicable	Applicable for any operation where hazardous waste is generated. The Navy will determine whether the clay and carbon filters are RCRA hazardous waste at the time the filters are ready for off-site disposal.
Pre-transport requirements	Hazardous waste must be packaged in accordance with DOT regulations prior to transporting	Any operation where hazardous waste is generated	22 CCR § 66262.30	Applicable	These requirements are applicable if hazardous waste is to be transported offsite.
Pre-transport requirements	Hazardous waste must be labeled in accordance with DOT regulations prior to transporting	Any operation where hazardous waste is generated	22 CCR § 66262.31	Applicable	These requirements are applicable if hazardous waste is to be transported offsite.
Pre-transport requirements	Provides requirements for marking hazardous waste prior to transporting.	Any operation where hazardous waste is generated	22 CCR § 66262.32	Applicable	These requirements are applicable if hazardous waste is to be transported offsite.
Pre-transport requirements	A generator must ensure that the transport vehicle is correctly placarded prior to transport of hazardous waste.	Any operation where hazardous waste is generated	22 CCR § 66262.33	Applicable	These requirements are applicable if hazardous waste is to be transported offsite.

TABLE F-4: FEDERAL ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (CONTINUED)

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Notes:

- a Only the substantive provisions of the requirements cited in this table are ARARs.
 - b Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs; specific ARARs are addressed in the table below each general heading; only pertinent substantive requirements of specific citations are considered ARARs.
- § Section
- ARAR Applicable or relevant and appropriate requirement
- CCR *California Code of Regulations*
- DOT Department of Transportation
- RCRA Resource Conservation and Recovery Act
- USC United States Code

TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
State Water Resources Control Board^a					
Disposal of waste	Requires dischargers of waste to accurately characterize waste for discharge of waste to land.	Discharges of waste after 18 July 1997 to land for treatment, storage, or disposal.	27 CCR § 20200(c)	Applicable	Applicable for the disposal of the filters from the OWS.
Disposal of waste	Requires that designated waste as defined at Cal. Water Code § 13173 be discharged to Class I or Class II waste management units.	Discharges of designated waste after 18 July 1997 (nonhazardous waste that could cause degradation of surface or ground waters) to land for treatment, storage, or disposal.	27 CCR § 20210	Applicable	Applicable for any operation where waste is generated. The Navy will determine if the clay and carbon filters are designated waste at the time the filters are ready for off-site disposal.
Disposal of waste	Requires that nonhazardous solid waste as defined at § 20220(a) be discharged to a classified waste management unit.	Discharge of nonhazardous solid waste after 18 July 1997 to land for treatment, storage, or disposal.	27 CCR § 20220(b), (c), and (d)	Applicable	Applicable for any operation where waste is generated. The Navy will determine whether the clay and carbon filters are nonhazardous solid waste at the time the filters are ready for off-site disposal.
Disposal of waste	Inert waste as defined at CCR Title 27 § 20230(a) need not be discharged at a classified unit.	Applies to discharges of inert waste to land after 18 July 1997 for treatment, storage, or disposal.	27 CCR § 20230(b)	Applicable	Applicable for any operation where waste is generated. The Navy will determine whether the clay and carbon filters are inert waste at the time the filters are ready for off-site disposal.

**TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
State Water Resources Control Board^a (Continued)					
Groundwater monitoring	Presents triggers for instituting various groundwater monitoring programs.	Discharge of waste to land after 18 July 1997	27 CCR § 20385(a)(1), (a)(2), and (a)(3).	Relevant and appropriate	The Navy has identified these regulations as potential ARARs because groundwater monitoring at this site will continue under the Site 1 PMP.
Groundwater monitoring	Presents the required components of a water quality protection standard to be established for each unit.	Discharge of waste to land after 18 July 1997.	27 CCR § 20390(a)	Relevant and appropriate	The Navy has identified this regulation as a potential ARAR because groundwater monitoring at this site will continue under the Site 1 PMP.
Groundwater monitoring	Requires the identification of contaminants of concern.	Discharge of waste to land after 18 July 1997	27 CCR § 20395(a)	Relevant and appropriate	The Navy has identified this regulation as a potential ARAR because groundwater monitoring at this site will continue under the Site 1 PMP.
Groundwater monitoring	Presents requirements for establishing concentration limits, including establishing concentration limits greater than background, for each contaminant of concern.	Discharge of waste to land after 18 July 1997	27 CCR § 20400(a), (d), (g)	Relevant and appropriate	The Navy has identified these regulations as potential ARARs because groundwater monitoring at this site will continue under the Site 1 PMP.

**TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
State Water Resources Control Board^a (Continued)					
Groundwater monitoring	Presents general requirements for any groundwater monitoring program.	Discharge of waste to land after 18 July 1997.	27 CCR §20415(b)(1)(A), (b)(1)(B), and (b)(1)(C) and (e)	Relevant and appropriate	The Navy has identified these regulations as potential ARARs because groundwater monitoring at this site will continue under the Site 1 PMP.
Groundwater monitoring	Presents requirements for detection monitoring programs.	Discharge of waste to land after 18 July 1997.	27 CCR § 20420	Relevant and appropriate	The Navy has identified this regulation as a potential ARAR because groundwater monitoring at this site will continue under the Site 1 PMP.
Groundwater monitoring	Requirements for establishing an evaluation monitoring program	Solid waste management unit.	27 CCR § 20425	Relevant and appropriate	This regulation was identified in the Final Action Memorandum for the closure and postclosure care of the landfill at Site 1. Because groundwater monitoring is continuing at Site 1 under the Site 1 PMP, this regulation is identified as a potential ARAR in this FS.

**TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
California Integrated Waste Management Board^b					
Gas monitoring during closure and postclosure	Requirements for gas monitoring parameters and frequency and gas control.	Landfill gas generated at disposal sites.	27 CCR §§ 20932, 20933, 20937	Applicable	Landfill gas monitoring is being conducted at the Site 1 landfill under the Site 1 PMP. Because gas monitoring is continuing under the Site 1 PMP, these regulations have been identified as potential ARARs in this FS.
Landfill closure	Emergency response procedures must be identified.	Disposal site or landfill	27 CCR § 21130	Applicable	The emergency response plan is part of the Site 1 PMP. Because the Navy is continuing to implement the Site 1 PMP, this regulation is identified as a potential ARAR in this FS.
Postclosure maintenance	Postclosure maintenance must be maintained for no less than 30 years following closure.	Complete closure of landfill.	27 CCR § 21180(a)	Applicable	This regulation was identified in the Final Action Memorandum for the closure and postclosure care of the landfill at Site 1. Because postclosure care is continuing under the Site 1 PMP, this regulation has been identified as a potential ARAR in this FS.

**TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
California Integrated Waste Management Board^b (Continued)					
Postclosure maintenance	Postclosure land use shall protect public health and safety, prevent contact with the waste, and prevent landfill gas explosions. Site design shall show one or more proposed uses of the closed site or development compatible with open space. Approval of local enforcement agency is required for any postclosure land uses that involve structures near or on top of the waste.	Complete closure of landfill.	27 CCR § 21190(a), (b), and (c)	Applicable	These regulations were identified in the Final Action Memorandum for the closure and postclosure care of the landfill at Site 1. Because postclosure care is continuing under the Site 1 PMP, these regulations have been identified as potential ARARs in this FS.
Postclosure maintenance	Construction on the site shall maintain the integrity of the final cover, drainage and erosion control systems, and gas monitoring and control systems; will not pose a threat to public health and safety and the environment; and any modification or replacement of the low permeability layer of the final cover shall begin upon approval by the enforcement authority, and the RWQCB.	Complete closure of landfill.	27 CCR § 21190(d)	Applicable	Because postclosure care is continuing under the Site 1 PMP, this regulation has been identified as a potential ARAR in this FS.

**TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
California Integrated Waste Management Board^b (Continued)					
Postclosure maintenance	Requirements for construction of structural improvements on top of landfilled areas during the postclosure period.	Complete closure of landfill.	27 CCR § 21190(e)	Applicable	Because postclosure care is continuing under the Site 1 PMP, this regulation has been identified as a potential ARAR in this FS.
Postclosure maintenance	The enforcement authority may require that an additional soil layer or building pad be placed on the final cover prior to construction to protect the integrity and function of the various layers of final cover.	Complete closure of landfill.	27 CCR § 21190(f)	Applicable	Because postclosure care is continuing under the Site 1 PMP, this regulation has been identified as a potential ARAR in this FS.
Cal/EPA Department of Toxic Substances Control^a					
Land use restriction	DTSC and Navy will execute and record a land use covenant	Transfer of federal property out of Navy ownership to nonfederal entity where hazardous materials, hazardous wastes or constituent, or hazardous substances remain on the property at levels unsuitable for unrestricted use.	22 CCR §67391.1(e)(1)	Applicable	This is a recently enacted state land use covenant regulation.
California Civil Code^a					
Land use restriction	Provides conditions under which land-use restrictions will apply to successive owners of land.	Transfer of property from Navy to a nonfederal agency.	CCR § 1471	Applicable	This regulation was identified as an ARAR in the Final Action Memorandum, dated June 12, 2001.

**TABLE F-5: STATE ACTION-SPECIFIC APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
(CONTINUED)**

Record of Decision, Installation Restoration Site 1, Naval Fuel Depot Point Molate, Richmond, California

Action	Requirement	Prerequisite	Citation	ARAR Determination	Comments
Bay Area Air Quality Management District^a					
Grading.	Prohibits emissions dark or darker than No.1 on the Ringlemann Chart or equal to or greater than 20% opacity,	Any operation where particulate matter is emitted into the atmosphere.	BAAQMD Regulation 6-301 and 6-302	Applicable	These requirements are applicable to the grading needed to install the clay and carbon filters to the OWS.

Notes:

- a Only the substantive provisions of the requirements cited in this table are ARARs.
- b Statutes and policies, and their citations, are provided as headings to identify general categories of ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the Navy accepts the entire statutes or policies as ARARs; specific ARARs are addressed in the table below each general heading; only pertinent substantive requirements of specific citations are considered ARARs.
- § Section
- ARAR Applicable or relevant and appropriate requirement
- BAAQMD Bay Area Air Quality Management District
- CCR *California Code of Regulations*
- OWS Oil/water separator
- Site 1 PMP Site 1 Postclosure Maintenance and Monitoring Plan ([Tetra Tech 2002b](#))