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The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, visit our website at <http://www.swrcb.ca.gov>.

TO: Susan Sims **VIA E-MAIL**
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FROM: /s/
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DATE: May 7, 2003

SUBJECT: DSMOA/CA SEMIANNUAL PERFORMANCE REPORT - CONTRACT NO. 02-T2416

The State Water Resources Control Board's (SWRCB) Semiannual Performance Report for the July 1 through December 31, 2002, reporting period is complete. The reporting format follows the CA Process Guide. Please note that each Two-Year Joint CA Execution Plan Status for SWRCB lead facilities is annotated for status and included in the report. We have indicated that Two-Year Joint CA Execution Plan status for DTSC lead facilities is to be found in the DTSC Semiannual Performance Report.

The State and Regional Boards were fiscally challenged to provide oversight after a reduction to their oversight program. Success Stories extracted from the Semiannual Performance Report represent the commitment of staff to provide oversight during unstable budgetary times.

The Semiannual Performance Report, Annotated Appendices, and Success Stories are transmitted to you electronically. If you have any questions concerning this electronic transmittal, please call me at (916) 341-5780 or Kitty Hightower at (916) 341-5730.

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California Environmental Protection Agency

**STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS
DEPARTMENT OF DEFENSE (DOD) PROGRAM**

SEMIANNUAL PERFORMANCE REPORT

July 1 – December 31, 2002

per

Contract Number 02-T2416

between the

Department of Toxic Substances Control

and the

State Water Resources Control Board

HIGHLIGHT

Section 4 of the 1999 Revised Cooperative Agreement Guide provides the option of highlighting a situation that the State, affecting the environmental restoration program at-large, would like to bring to the attention of the broad DoD audience,. The oversight program at the State and Regional Water Boards was reduced by 33 percent in October 2002, retroactive to July 1, 2002. Most Regional Boards continued to provide oversight, generally keeping cleanup schedules on track. This reduction affected Regional Board oversight efforts differently in each Regional Board, reflected in the challenges documented in the following report.

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**NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(July 1- December 31, 2002)**

POINT ARENA, (AIR FORCE/DERA) – PCA NO. 16602

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

CENTERVILLE BEACH NF, (NAVY/DERA) – PCA NO. 16603

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SONOMA COUNTY AIRPORT (SANTA ROSA AA), (FUDS/DERA) – PCA NO. 16911

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SANTA ROSA NAVAUXAIRSTA, (FUDS/DERA) - PCA NO. 16912

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

REQUA AFS (FUDS/DERA) – PCA NO. 16913

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

**SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(July 1 - December 31, 2002)**

**HAMILTON ARMY AIRFIELD - GSA PHASE II (INCLUDES LANDFILL #26),
(FUDS/DERA) – PCA NO. 16604**

Progress:

North Antenna Field: The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The USACE delivered the draft workplan for the ERA and the Regional Board staff submitted comments. The USACE has responded in writing to the comments and held an RTC (response to comments) meeting to resolve differences between the various commenting agencies and the USACE. The USACE submitted the final RI.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

ALAMEDA NAVAL SUPPLY CENTER ANNEX, (NAVY/BRAC IV) - PCA NO. 16607

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The delay in the schedule at Sites 04/ 06 is due to the dissolved petroleum ground water plume needing characterization and delineation. The Navy is preparing a RAP (Remedial Action Plan)/ ROD (Record of Decision) for Base-wide Ground Water and Installation Restoration (IR) Sites 01, 03, 04, 05, 06, 07, & 08.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

CONCORD NAVAL WEAPONS STATION , (NAVY/DERA) – PCA NO. 16608

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. A Site Management Plan (SMP) has been approved by the Navy and EPA, however it needs to be revised partly due to funding issues slowing the environmental remediation at the site. Regional Board staff provided comments on multiple documents at the site such as: sampling and analysis plan for Site 30, the Litigation Area Draft Final Five Year Periodic Review Assessment, and the Site 27 Feasibility Study.

Regional Board staff provided comments on the investigation and summary report for the Port of Chicago Main Street Gas Station (PCMSGs) and Tidal Area Sites A-16, E-108 and A-3. Regional Board staff and the Navy disagree over further characterization of petroleum releases at Site PCMSGs.

Challenges:

The greatest challenge is making timely progress at the Installation Restoration and the Underground Storage Tanks Sites. The Restoration Advisory Board (RAB) has met with the Navy and the regulatory agencies on a monthly basis. The Site 1 Landfill Record of Decision (ROD) is currently in an informal dispute regarding ARARs (Applicable Relevant and Appropriate Requirements), institutional controls, and capping design. Regional Board staff has asked the Navy to address data gaps in perchlorate and ordnance-related compounds (nitroaromatics and nitroamines) in ground water at various sites but the Navy has shown resistance to this request. The Navy has yet to provide the Regional Board with the UST DoD database, encompassing all UST, AST, and fuel pipeline sites found on the Concord Naval Weapons Station.

Success Stories:

Pending Regional Board staff conditional approval, the Navy is planning to deploy advanced screening methodology (SCAP: Site Characterization and Analysis Penetrometer) at seven UST sites.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

HUNTER’S POINT NAVAL SHIPYARD, (NAVY/BRAC I&II) – PCA NO. 16609

Progress:

The restoration program continues to be behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff has provided comments on the following documents: the Parcel F Validation Study; UST Closure Reports for Parcel A and Tanks 135 and 136; Time-Critical Landfill Gas Removal Action; Workplan and Sampling and Analysis Plan for FEROX Injection Technology Demonstration Parcel C; and Final Parcel E Landfill Gas Time-Critical Removal

Action Memorandum. Regional Board staff is currently reviewing the Stormwater Discharge Management Plan and the Operation and Maintenance Plan for the Industrial Landfill on Parcel E, and the Addendum to the Field Sampling Plan for Confirmation Sampling on Parcel B.

The Navy and the City of San Francisco have signed a MOA clarifying the transfer process from the Navy to City of San Francisco. The Navy is still responding to comments and finalizing Revision 2 of the Parcel A, Finding of Suitability to Transfer (FOST).

Challenges:

Agreement has not been reached on manganese cleanup criteria for soil or on metals and PCB criteria for offshore sediments. TPH cleanup numbers in the Correction Action Plan will need review if the City of San Francisco wishes to use the cleanup numbers for unrestricted reuse of excavated soils. Regional Board staff is working with Navy personnel to ensure that stormwater requirements are being met on the Parcel E industrial landfill. Issues associated with landfill gas need to be resolved before the Parcel A Finding of Suitability to Transfer (FOST) can be completed. The Navy is requesting that Regional Board staff identify the A aquifer as non-potable and, therefore, not subject to drinking water standards.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

MOFFETT FEDERAL AIRFIELD, (NAVY/BRAC I&II) – PCA NO. 16610

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan due to Navy delays. The Final Record of Decision (ROD) for Stationwide No Action Sites was presented as an information item to the Regional Water Quality Control Board and the Executive Officer signed the Final ROD on August 22, 2002. The field program for the Phase 2 Site Characterization and Baseline Human Health Risk Assessment at the Orion Park and Westcoat residential areas was performed during August and September, 2002. A comprehensive data gaps investigation was performed along the Northern Channel, known as Site 27. A pre-construction additional soil sampling was performed in the North Diked Marsh, NASA Retention Ponds and Mid-Peninsula Open Space District portion of Site 25. However, the cleanup schedule for Site 25, NASA Storm Ponds, is delayed by approximately 16 months.

Challenges:

The most significant challenge is the change in the schedule and cleanup approach for Site 25 after new information showing multiple ownership was revealed to the public.

Success Stories:

The Final ROD for Station-wide No Further Action Sites was signed by the Executive Officer on August 22, 2002.

Execution Plan Status:

See attachments to this report. A revised Two-Year Joint CA Execution Plan was signed on October 25, 2002. However, it is already out-of-date for Site 25 (NASA Storm Ponds).

RICHMOND NSC (POINT MOLATE), (NAVY/BRAC IV) - PCA NO. 16612

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan due to Navy delays. The Navy has changed the cleanup schedule at Site 3 and switched from a Draft Engineering Evaluation and Cost Analysis (EE/CA) to a Feasibility Study for Site 3, after the removal of the three retention ponds. In order to expedite the land transfer, the Navy issued a Draft Final Supplemental Baseline Survey to identify the parcels available for lease and transfer and those undergoing cleanup activities and to evaluate the progress in the environmental programs since 1996.

Challenges:

Changes in the Navy's approach on transferring land to the City of Richmond or to a private party according to the GSA regulations.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

HAYWARD AIR NATIONAL GUARD (HANG), (AIR FORCE/DERA) – PCA NO. 16613

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff has provided comments on the Draft Site Investigation Addendum Workplan. Regional Board staff comments were not fully considered and implemented during the field effort conducted in the autumn of 2002.

Challenges:

The main challenge is making timely progress at all the sites undergoing regulatory oversight for environmental remediation. The base has not been responsive to Regional Board staff requests regarding the Stormwater Pollution Prevention Plan. Potential stormwater impairments have been identified by the regulators. Regional Board staff is awaiting appropriate action and consultation from the base on this issue.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SKAGGS ISLAND NSGA, (NAVY/DERA) – PCA NO. 16615

Progress:

The overall restoration program is behind schedule with respect to the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

TRAVIS AIR FORCE BASE, (AIR FORCE/DERA) – PCA NO. 16619

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Interim ground water remedial actions are continuing at sites in the WABOU and NEWIOU. The Operations and Maintenance (O&M) Manual for the North Ground Water Treatment Plant was updated to include the substantive requirements specified in the San Francisco Regional Board Order for Discharge or Reuse of Extracted and Treated Ground Water Resulting from the Cleanup of Ground Water Polluted by Volatile Organic Compounds. Work began to evaluate remedial options for soil impacted by total petroleum hydrocarbons (TPH) in the NEWIOU.

Challenges:

None.

Success Stories:

The formal dispute for the WABOU Soil ROD was resolved and the ROD was signed by all parties (Regional Board, EPA, DTSC, and the Air Force). Soil removal began at two WABOU sites. The final remedial action/remedial design was completed for the Phase I Corrective Action

Management Unit (CAMU) Landfill that will be used for WABOU soil disposal. Construction of the Phase I CAMU is nearly completed. Negotiations for the draft NEWIOU ROD continue. Twelve USTs were closed throughout the base.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

ONIZUKA AIR FORCE STATION, (AIR FORCE/BRAC IV) – PCA NO. 16620

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

POINT OZOL, (DLA/DERA) – PCA NO. 16621

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

ALAMEDA NAVAL AND MARINE CORPS RESERVE CENTER, (NAVY/DERA) – PCA NO. 16627

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated

HAMILTON ARMY AIRFIELD, (ARMY/BRAC I&II) – PCA NO. 16635

Progress:

Regional Board staff, DTSC, and the Army have been working effectively since November 2002 on resolving issues with early transfer of the Inboard Area Parcel. Much progress has been made. The joint effort will result in a combined ROD/RAP for the Inboard Area and Coastal Salt Marsh remediation. Early transfer is currently on track for September 30, 2003. The Army has completed monitoring at POL Hill and a CAP for regulatory review.

Challenges:

Coordination of the many steps involved in the early transfer for the airfield parcel will require a significant level of effort and cooperation in the coming months.

Success Stories:

Issues regarding petroleum closures at Outparcel A-4 were successfully addressed. The Army has completed the FOST for transfer of this parcel.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

DUBLIN ECS 30 (PARKS), (ARMY/DERA) – PCA NO. 16917

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Army has submitted the following key documents for DTSC and Regional Board review:

- Draft EBS No. 38-EH-3589-02, [for the] 187 Acre Property Exchange;
- EE/CA for Arsenic Drum Disposal Site;
- Phase II Site Investigation Former Building 761 AST (Diesel Plume);
- Soil Metals Background Study Sampling and Analysis Plan.

Challenges:

Privatization of environmental management at PRFTA, scheduled for June 1, 2003, may pose transitional challenges.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MOUNTAIN VIEW JONES HALL USAR, (ARMY/DERA) – PCA NO. 16918

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Regional Board staff has drafted a comment letter regarding staff's review of Installation Restoration Site 3. Regional Board staff received a response in which the Army has indicated that the pollution is from an offsite source. Regional Board staff is awaiting additional information.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for Two-Year Joint CA Execution Plan that has "Status" annotated

OAKLAND ARMY BASE, (ARMY/BRAC IV) - PCA NO. 16921

Progress:

The restoration program is behind the schedule with the Two-Year Joint CA Execution Plan. The transfer of the base is proposed under the provisions of an "Early Transfer". The Oakland Base Reuse Authority (OBRA) plans to acquire Oakland Army Base (OArB) under an Economic Development Conveyance. The State agencies and the Army worked together to finalize the memorandum of agreement (MOA).

Challenges:

The Army and the regulatory agencies, notably DTSC, must finalize the MOA and enter into a consent agreement as to what constitutes appropriate remedial actions and necessary funding.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year CA Execution Pan that has “Status” annotated.

HAMILTON NOVATO DoD HOUSING, (NAVY/BRAC III) – PCA NO. 16922

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

Installation of a ground water remediation (i.e., biosparging) was completed in August 2002 and the system has run continuously since September 2002. Early ground water sampling results are encouraging and show reductions in MTBE ground water concentrations in vicinity of the system.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

HAYWARD ARMY AIRFIELD, (FUDS/DERA) – PCA NO. 16924

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

GOLDEN GATE NATIONAL RECREATION AREA , (FUDS/DERA) – PCA NO. 16925

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff provided comments on incomplete UST closure information provided for Fort Miley (San Francisco County).

Challenges:

Regional Board staff has not yet obtained the DoD database, encompassing all UST, AST and fuel pipelines sites at all Golden Gate National Recreation Properties. However, USACE staff has been active toward populating the database. Regional Board staff, CA State Parks, USACE, and the National Park Service have been discussing the implementation and enforcement of the Stormwater Pollution Prevention Plan for all properties held in stewardship for the public's enjoyment. However, due to the complexity in jurisdiction and ownership, the regulators have encountered challenges to this document's synthesis. Finally, the USACE needs to clarify the following Appendix F statement "Overview: No Activity Planned after 2004." It is Regional Board staff's understanding that remedial activities have to be implemented at a number of sites in the GGNRA system. It is unlikely that remediation will be completed by December 31, 2004.

Success Stories:

Regional Board staff has consented with the USACE to provide No Further Action at UST Site Hill 640 in Sausalito (Marin County, CA).

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

CAMP STONEMAN, (FUDS/DERA) – PCA NO. 16926

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

ALMADEN AIR FORCE STATION, (FUDS/DERA) – PCA NO. 16927

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

BENICIA ARSENAL, (FUDS/DERA) – PCA NO. 16944

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Funding has been delayed for further UST and other non-ordnance site investigation work subject to Regional Board oversight. The Regional Board provided comments on the Area I Fuel Only Facilities Technical Memorandum.

Challenges:

Army funding issues have delayed submittal of the Building 50 Series Complex Investigation results and additional UST work.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FORT BARRY, (FUDS/DERA) – PCA NO. 16974

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff provided comments on the Draft Final Site Investigation. The USACE conducted field work in the fall 2002 that incorporated regulator comments.

Challenges:

The main challenge encountered at the site involves making timely progress toward environmental protection and restoration at the site. Regional Board staff is concerned that contamination emanating from former disposal sites might impair physical and biological resources. Furthermore, Regional Board staff is concerned that appropriate signage is needed to protect the public from accidental contaminant exposure and has yet to be appropriately installed. Regional Board staff has not yet obtained the DoD database encompassing, all UST, AST, and fuel pipelines sites at Fort Barry.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

FORT McDOWELL, (FUDS/DERA) – PCA NO. 16975

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The USACE conducted field work in the summer 2002 that incorporated regulator comments.

Challenges:

The main challenge encountered at the site involves making timely progress toward environmental protection and restoration at the site. Regional Board staff is concerned that contamination emanating from former military base sites might impair physical and biological resources. Sites contaminated with metals (5600 ppm lead in soils), petroleum (3600 ppm diesel in some water samples), and PCBs (Aroclor-1260 maximum value of 2400 ppm in soils detected at one of the sites) are of concern to Regional Board staff. Furthermore, Regional Board staff is concerned that appropriate signage is needed to protect the public from accidental exposure and has not been appropriately installed. Regional Board staff has not yet obtained the DoD database, encompassing all UST, AST, fuel pipelines sites at Fort McDowell.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

NIKE BATTERY 91, ANGEL ISLAND, (FUDS/DERA) – PCA NO. 16976

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

HAMILTON ARMY AIRFIELD (AAF) – LANDFILL 26, (FUDS/DERA) – PCA NO. 16977

Progress:

The overall restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

**CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(July 1 – December 31, 2002)**

FORMER FT. ORD ARMY BASE/PRESIDIO OF MONTEREY ANNEX, (ARMY/BRAC I&II) - PCA NO. 16622

Progress:

The restoration program is behind schedule with two water-related issues in the Two-Year Joint CA Execution Plan. The landfill gas monitoring system recently indicated no methane-property line violations. Interviews with long-time area residents have revealed a potential source for a carbon tetrachloride ground water plume.

Challenges:

Staffing reductions have threatened to delay or halt site cleanup and property transfers.

Success Stories:

The last open portion of the landfill received final cover in December 2002. The strategy to minimally increase vinyl chloride discharge levels, yet maintain them below MCLs, proved effective. This increased the overall contaminant mass removal at Sites 2/12.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

PRESIDIO OF MONTEREY, (ARMY/DERA) - PCA NO. 16623

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Long-term maintenance for the closed landfill is on schedule.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

FORT HUNTER LIGGETT, (ARMY/DERA) -PCA NO. 16624

Progress:

The restoration program is on schedule with the Two-year Joint CA Execution Plan. Action is complete at 26 of the 34 Army Restoration Sites.

Challenges:

None.

Success Stories:

Cost savings have been possible because of a highly effective working relationship with the facility representatives and because of the high quality of the work performed by the Army's consultant, which has expedited the document review process.

Landfill Closure – The facility's aggressive pursuit of funding and effective management of closure activities have pushed this project ahead of schedule.

Landfill Ground Water Investigation – Injection of hydrogen has significantly increased the rate of TCE and DCE degradation.

Building 194 Site – The facility has implemented an innovative and cost-effective remedy, hydrogen peroxide injection to enhance reductive dechlorination of VOCs, which appears to be capable of significantly reducing the length of time required for cleanup.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

VANDENBERG AFB, (AIR FORCE/DERA) - PCA NO. 16626

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Executive Plan.

Challenges:

None.

Success Stories:

At Underground Storage Tank Site 20, 47,000 gallons of petroleum-contaminated ground water were extracted and treated, 1,600 pounds of hydrocarbons were removed from extracted vapor, and six pounds of hydrocarbons were removed from extracted ground water. Seven underground storage tank sites and ten areas of concern were closed. In addition, monitoring results from the Permeable Reactive Barrier System installed perpendicular to the Site 60 methyl tertiary-butyl ether ground water plume is showing significant declines in the levels of MTBE contamination. Also, the Site 20 Erosion Mitigation Project at an old landfill/drum disposal site/ordnance disposal area was completed prior to the rainy season. During Site 20 project construction, over 1,600 pieces of ordnance were removed and properly disposed, and over 375,000 pounds of metal debris were removed and recycled.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

LOMPOC BRANCH U.S. DISCIPLINARY BARRACKS, (ARMY/BRAC IV) - PCA NO. 16930

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Conducting investigation/remedial-related field activities at a high-security Federal prison presents significant logistical and security-related constraints.

Success Stories:

The team building session conducted in August 2002 has greatly enhanced the communications and performance of the BRAC Cleanup Team. The USEPA has been particularly helpful in purposing and assisting in the application of Time Critical Removal Actions to expedite the cleanup and to minimize the field efforts impact on prison security.

Execution Plan Status:

See attachments to this report.

CAMP ROBERTS, (ARMY/DERA) - PCA NO. 16931

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. This is partially because the Army National Guard discovered that a waste disposal site located in a tributary to the Nacimiento River contained hazardous levels of lead. Since this discovery, the Army National Guard has worked to remove the contaminated material and to prevent dispersion of the lead into the river. The area of waste is much larger than originally estimated and disposal costs are extremely high. Regional Board supports the Army National Guard in their decision to redirect the IRP effort to addressing the waste since it represents a significant and immediate hazard to water quality.

Challenges:

Most of the IRP sites are related to activities that occurred during World War II. There is limited historical information and identifying and locating the sites is sometimes difficult.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

MONTEREY PENINSULA AIRPORT DISTRICT, (FUDS/DERA) - PCA NO. 16939

Progress:

The overall restoration program is ahead of schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Staffing reductions have threatened to delay startup and performance evaluation of two ground water treatment systems.

Success Stories:

Construction of two ground water treatment systems is approximately 50 percent complete and local stakeholders are pleased with the expedited cleanup progress.

Execution Plan Status:

See attachments to this report.

**LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(July 1 – December 31, 2002)**

NAVAL BASE VENTURA COUNTY, POINT MUGU, (NAVY/DERA) – PCA NO. 16632

Progress:

The restoration program remains somewhat behind schedule with the Two-Year Joint CA Execution Plan. As noted in the first Semiannual Performance Report for 2002, several of the task identified for year one were moved to year two and some additional new tasks were completed during year one of the Execution Plan. Remediation of the Exchange Gasoline Station continues, with ongoing evaluation of the existing remediation system. Remediation at IR Sites 5, 6, 11, and 24 is progressing. Recently discovered fuel releases at Buildings 631 and 7020 have required attention of Regional Board staff. At the Navy's request, the Regional Board is reviewing the shallow semi-perched aquifer for possible domestic supply dedesignation.

The ecological risk assessment for the Base's nearshore and lagoonal environments is in the draft stage. A water quality monitoring station has been installed near the point where a major creek enters the base and Mugu Lagoon. The station is providing valuable information on the condition of water entering the lagoon.

Challenges:

Budget uncertainties may lead to disruptions in oversight.

Success Stories:

The TMDL for the watershed draining through the base was approved by the Regional Board in October 2002 and is scheduled for State Board review in March.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

NAVAL BASE VENTURA COUNTY, PORT HUENEME, (NAVY/DERA) – PCA NO. 16633

Progress:

The restoration program remains somewhat behind schedule with the Two-Year Joint CA Execution Plan. As noted in the first Semiannual Performance Report for 2002, some tasks identified for year one were moved to year two of the Execution Plan. Preliminary PCB cleanups at IR Sites 12B and 23 are complete. Some followup work related to ground water may remain.

Challenges:

None.

Success Stories:

The containment and control system for the MTBE plume continues to operate properly. The biobarrier, nearer the source area is believed to have resulted in significant MTBE destruction.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SAN CLEMENTE ISLAND NAF, (NAVY/DERA) – PCA NO. 16634

Progress:

No work activities were performed at the site during the reporting period.

Challenges:

None

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

DFSP SAN PEDRO, (DESC/DERA) – PCA NO. 16637

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. A ground water remediation system and a free-product recovery and ground water treatment system are currently in operation to remediate the contaminated aquifer. The ground water treatment system withdraws contaminated ground water and treats it using granular activated carbon units. The treated ground water (effluent) is discharged to surface water (storm drain) south of the site, under NPDES No. CAG834001, issued by the Regional Board. The system design flow rate is 50 gallons per minute (gpm).

DFSP proposes a modification to the ongoing ground water remediation system to allow the injection of treated ground water into the shallow aquifer underlying the Pump House Area. The proposed design, part of the treatment system effluent, will be diverted and used for two purposes: to irrigate the trees currently used for phytoremediation, and to replenish the uppermost aquifer. A Wastes Discharge Requirements permit is being processed by the Regional Board for the proposed recharge.

Free-product recovery in the North Pump House Area is ongoing.

Various fuels have been detected as adsorbed phase, dissolved phase, and free-product in the Administration Area. The military is evaluating various technologies to remediate the soil and ground water contamination identified.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

DFSP NORWALK, (DESC/DERA) – PCA NO. 16638

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. All current remediation activities are ongoing. A Long-Term Monitoring Program is in place and continues to be implemented for the entire site. Additional site assessment activities, underlying the above ground storage tanks, have been completed and cleanup options are being evaluated.

The ground water monitoring data for this site was re-evaluated and the sampling schedule was modified to monitor the ground water more efficiently. A number of ground water monitoring wells were removed and the remaining wells will either be sampled quarterly, semiannually, or annually, depending on the location of the well to the plumes onsite. Numerous activities have been completed to enhance the cleanup systems at the site.

The Soil Vapor Extraction System was shut down during December 2002 for system repairs.

Challenges:

The closure of the Norwalk Tank Farm has expedited the soil cleanup process for this site. Numerous meetings have been held with community leaders and State representatives, in order to discuss early transfer and redevelopment possibilities. DFSP is performing a feasibility study to evaluate and identify the most viable remedial alternative. City officials and State representatives will continue to work with military officials to pursue an accelerated schedule for the Tank Farm demolition, a soil cleanup process, and the early transfer of this facility.

Success Stories:

Since July 2002, a total of 4,270 gallons of equivalent fuel was removed from soil and destroyed by thermal oxidation.

Execution Plan Status:

See attachments to this report.

PICO RIVERA NAVAL MCRC, (NAVY/DERA) – PCA NO. 16915

Progress:

The restoration program consists of two hazardous waste storage areas. A site inspection has been conducted to address a release from two former 1,000-gallon underground storage tanks (USTs) and to determine if any release occurred at the two hazardous waste storage areas. All chemicals of concern were not detected, with the exception of organic lead, which was detected in one sample in the channel just below the outfall. Additional sampling is planned to determine the source of organic lead detected.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

OXNARD AIR FORCE BASE (CAMARILLO), (FUDS/DERA) – PCA NO. 16943

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The site is not a high risk for water quality or direct human exposure. The assessment of the former landfill is continuing with the installation of a downgradient ground water monitoring well. This follows the delineation of VOCs in soil using GoreSorbers. Following completion of additional assessment, a plan will be developed to either cap the facility or excavate and properly dispose of the landfill material.

Challenges:

None.

Success Stories:

GoreSorbers were successfully used to delineate VOCs in soil.

Execution Plan Status:

See attachments to this report.

NIRF UNDERSEA CENTER, (FUDS/DERA) - PCA NO. 16945

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. A draft site investigation report was submitted to the DTSC and Regional Board for review. The Army Corps of Engineers is researching other potential responsible parties. No restoration work will be performed at this facility during the current fiscal year.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

DFSP SAN PEDRO, (NAVY/DERA) – PCA NO. 16947

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. No restoration work was completed by the military because of access restrictions in the endangered species area and funding reallocation. A RAB meeting was conducted on schedule. Transferring of land to local authorities and its redevelopment are ongoing.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

LOS ANGELES NAVAL MCRC, (NAVY/DERA) – PCA NO. 16949

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. No work activities were performed during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(July 1 – December 31, 2002)**

RIVERBANK AAP, (ARMY/DERA) – PCA NO. 16639

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Long-term monitoring and remediation of ground water is ongoing. Riverbank continues to operate a ground water extraction/treatment system to remediate their cyanide and hexavalent chromium plume. Riverbank is continuing to work with staff from Lawrence Livermore National Laboratory (LLNL) on the proposed *In-Situ* Redox Manipulation (ISRM) chromium source area reduction remedial effort. Bench-scale ISRM testing continued in preparation for the onsite pilot study that is tentatively scheduled for 2003. Implementation of the pilot study will require preparation of project specific Waste Discharge Requirements.

Challenges:

In response to Regional Board staff inquiries at the 14 February 2002 RPM meeting, the Army informed regulatory staff that concentrated brine, generated from the ion exchange process, has always been trucked to an offsite disposal facility. However, the Army has still not provided the name or location of the disposal facility despite repeated Regional Board requests.

The Army's ground water model indicates that the current extraction system is not capturing offsite cyanide detected in B-zone monitoring wells MW109B and MW111B. The Army proposed converting 109B into an extraction well to address this problem, but has not provided a schedule for the conversion activities. In addition, the Regional Board requested the installation of additional monitoring wells to monitor the potential westward migration of chromium in offsite compliance well MW104C and cyanide in MW109B. The Army has not decided on a course of action regarding the landowners in the vicinity of these wells who have refused to grant access.

The Regional Board requested that the Army install an additional well approximately 150 feet east of the E/P ponds in order to adequately perform background water quality characterization. Characterization of the E/P pond background water quality is required by the WDRs. The Army has stated that site access difficulties to the area required for well installation, have resulted in delays in compliance with this requirement.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SACRAMENTO ARMY DEPOT, (ARMY/BRAC I&II) – PCA NO. 16640

Progress:

The overall restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Further actions are required to achieve and demonstrate hydraulic control and reach cleanup levels in the offsite margin of the South Post Plume. This issue is being actively discussed and negotiated between the Army and the regulatory agencies. Due to State budgetary issues, securing resources to resolve conflicts between the regulators and Army regarding the South Post Plume remediation, and concerning the site conceptual model to ensure compliance, is a challenge.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SHARPE DDRW, (DLA/DERA) – PCA NO. 16641

Progress:

The restoration program is slightly behind schedule with the Two-Year Joint CA Execution Plan. Long-term monitoring and remediation of ground water is ongoing. DDJC-Sharpe continues to operate three ground water extraction/treatment systems to remediate VOC plumes in the South Balloon, Central Area, and North Balloon portions of the Depot. DDJC-Sharpe's NPDES permit for their treated ground water was renewed.

Challenges:

DDJC-Sharpe shut down ten extraction wells at the beginning of the reporting period to comply with the old NPDES flow limitation. The limitation has been raised in the new NPDES permit. Shutdown of these wells was an action recommended by the Remedial Process Optimization Study completed in 2001, as these wells do not remove much VOC mass and/or are not needed for plume containment. The regulatory team is concerned that shutting down these wells may reduce hydraulic containment of the plume and/or increase the time to achieve aquifer cleanup objectives. DDJC-Sharpe is addressing these concerns with ground water modeling that will be completed in the first half of 2003.

Trichloroethene was detected in off-site potable water well PW006. This is the first detection of VOCs in any of the distant private supply wells west of DDJC-Sharpe since the early to mid-1990s, so the project team is concerned. As a result, DDJC- Sharpe increased monitoring frequencies in PW006 and all nearby private wells from annual to quarterly.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

CROW'S LANDING FLIGHT FACILITY, (NAVY/BRAC I&II) - PCA NO. 16642

Progress:

The restoration program is on schedule with the revised Two-Year Joint CA Execution Plan. The Navy is implementing CERCLA response actions and petroleum corrective actions at the former NALF Crows Landing, which was transferred from the Navy to the National Aeronautics and Space Administration (NASA) in 1994. The Navy extracted and disposed offsite ground water contaminated with commingled volatile organic compounds and petroleum hydrocarbons at the Administration Area plume, and conducted time-critical soil removal actions at an abandoned landfill site and former sewage plant site. The Navy has conducted nine quarters of ground water monitoring for volatile organic compounds and petroleum hydrocarbons; continued interim removal actions for ground water at the Administration Area Ground Water Plume; and conducted two rounds of base-wide ground water monitoring for contaminants and evidence of natural attenuation.

Challenges:

Transfer of the transferable portion of the site from NASA to Stanislaus County has been seriously delayed due to NASA budget problems, resulting in inadequate staffing to provide transfer documents and coordination with legal staffs.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

DIXON NRTE, (NAVY/DERA) - PCA NO. 16643

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. There was no significant progress at this site. The Regional Board submitted review comments on Draft Final Record of Findings, the only report that needed to be reviewed during this reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

LEMOORE NAS, (NAVY/DERA) – PCA NO. 16644

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

Overcoming the emulsified fuel problems that had hampered the remediation efforts at Site 17. The jet fuel emulsification problem was resolved using diffused air filtration (DAF).

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

STOCKTON NCTS, (NAVY/DERA) - PCA NO. 16645

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. There has been progress in review/approval of the UST and OWS related reports, including Building 517, 120, 916B, 1316B, 508 and 617. Delays have resulted in review of the draft RI reports for OU 1 and OU4 due to State budget reductions. UST Workplans for Buildings 120, 517 and 916B were reviewed and concurred with allowing field work/sampling to commence at these sites.

Challenges:

The Regional Board, as well as DTSC, continues to have major concerns with the Draft Final RI Report for OU3. The Navy has not performed or proposed characterization of the landfill area, as requested by Regional Board staff. The Regional Board and DTSC have not been able to meet with the Navy to discuss preliminary comments as of February 20, 2003. The last monthly RPM meeting was held in March 2002. The Regional Board believes that monthly RPM meetings should be resumed to discuss and resolve ongoing issues. Regional Board resource limitations have delayed review of some of the reports submitted for review. The proposed early transfer of property from the Navy to the Port of Stockton may require a substantial amount of Regional Board and DTSC effort to review reports within a short time.

Success Stories:

The Regional Board, acting as the lead agency for petroleum sites, issued a No Further Action status for Building 1316B UST Site.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MATHER AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16647

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

The 2001 OU6 ROD remains under dispute, due to issues raised by the DTSC with the Air Force's proposed institutional controls at various sites. Ongoing gravel mining continues to impede implementation of the Site 7 ground water remedy. A joint briefing of Level 3 Alternate Dispute Resolution (ADR) participants was held and meetings are ongoing to facilitate resolution of a number of Water Supply Contingency Plan issues that remain in dispute. Options for resolving the significant issue of off-base Main Base/SAC plume control have been identified as potentials for resolving a number of the other water supply issues. The Air Force agreed to submit an evaluation and schedule for achieving control of the western margin of the plume, including a cost/benefit analysis regarding installation of intercept extraction well(s) versus management of increased off-base supply well pumping. Due to State budgetary issues, securing resources to participate in the dispute to address ground water remediation and water supply issues and provide oversight necessary to complete soil vapor and ground water remedial actions is a challenge.

Success Stories:

The State concurred with formal closure for Former Oil Water Separator Facilities Site 56 and Site 60.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated..

MCCLELLAN AIR FORCE BASE, (AIR FORCE/BRAC IV) - PCA NO. 16648

Progress:

The overall restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The program schedule is being revised during the Annual Funding Review Process.

Challenges:

- Overcoming State budget issues and securing the resources to provide regulatory oversight.

- Securing adequate funding from DoD to complete the highest priority projects on schedule.
- Successful completion and operation of a slipstream treatment system for treatment of hexavalent chromium in ground water to comply with surface water discharge limits and resume operation of the extraction well field to full capacity.
- Completion of the Ground Water OU Phase III Data Gaps effort on schedule. The Data Gaps effort is necessary to support completion of the Ground Water OU Phase III design and construction, which has been identified as the cleanup program's highest priority.
- Completion of the Initial Parcel Feasibility Study (IP FS) on schedule. The Draft IP FS is currently in review.

Success Stories:

The Success Stories include:

- Fourteen operating SVE systems have removed over 1.08 million pounds of contamination to date;
- Completion of Final Action Memorandum for Ground Water Treatment Plant Hexavalent Chromium Discharges (Time-Critical Removal Action); and
- Completion of Final No Action Proposed Plan (6 Sites).

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

CASTLE AIR FORCE BASE, (AIR FORCE/BRAC I&II) - PCA NO. 16649

Progress:

The restoration program is slightly behind schedule with the Two-Year Joint CA Execution Plan. The Source Control Operable Unit (SCOU) Record of Decision -Part 1 has been finalized. The Air Force has submitted the Final SCOU Record of Decision-Part 2 following revision in response to agency comments on the draft document. This SCOU ROD-Part 2 contains remedial determinations for 41 sites. The Final Comprehensive Base-wide Remedial Investigation/Feasibility-Part 2 has been submitted following revision to agency comments on the draft document. The Castle Soils Bioremediation Treatment Facility has been closed and the Regional Board has rescinded its Waste Discharge Requirements (WDRs). Reports for the closure of Landfills 4 and 5 and six (6) additional sites were reviewed and concurred with. Three (3) workplans for remedial action were also reviewed and concurred with, as was one (1) remedial action report.

Challenges:

None.

Success Stories:

The Source Control Operable Unit (SCOU) Record of Decision -Part 1 has been finalized. This ROD contains No Further Action determinations for 140 sites, representing approximately five (5) percent of the outstanding open sites nationwide at closing Air Force bases.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

BEALE AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16650

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The following reports, considered major Execution Plan accomplishments, were reviewed and commented on:

- Remedial Investigation Report and Feasibility Study for Sites 10 and 13 and Long-Term Operation and Maintenance Reports (2nd quarter 2002 for the SVE and Bioventing sites). The Regional Board presented comments on the Site 13 (east) SVE system, which the Air Force used to address shutdown and closure of the SVE system. Comments on the RI/FS Reports for Site 10 and 13 focused on evaluating remedial alternatives and assuring that the selected alternatives are cost- effective, technically feasible, and will provide cleanup levels that are protective of beneficial uses of surface and ground water.

The Regional Board participated in six formal meetings with the Remedial Project Managers over various topics. These meetings focused on assuring timely completion and streamlining of the RI/FS Reports for Site 10 and 13 and future sites (e.g., Sites 17 and 32). Team members applied skills learned during the partnering process to streamline the review and concurrence of the RI/FS Reports.

Challenges:

The Air Force and regulatory agencies (Remedial Project Managers) still face several challenges with regard to completing the RODs for Sites 10 and 13. These challenges include coming to agreement on which State requirements (i.e., ARARs) the Air Force must comply with to achieve applicable cleanup levels for these sites and developing a (technical) consensus agreement which outlines how the Air Force will assure that the selected remedial alternatives will achieve compliance with the ARARs. Another major challenge faced by the Regional Board staff is a State-mandated 20 percent reduction of DSMOA funding for Beale Air Force Base.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

TRACY DDRW, (DLA/DERA) – PCA NO. 16651

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Long-term ground water monitoring and extraction/treatment of ground water is ongoing. After a delay of several years, due to funding limitations, soil removal actions at SWMU 8 were completed. Approximately 21,000 cubic yards of soil containing TPH and various SVOCs were excavated and transported to an off-site disposal facility. SVE and bioventing operations that were initiated in early 2001 continued to operate without significant problems. After completing several phases of soil vapor extraction, DDJC-Tracy has begun optimizing the SVE systems to address hotspot areas.

Challenges:

The Draft Final ROD Amendment could not be finalized in 2002 due to the ongoing dispute between DoD and USEPA on institutional controls.

Success Stories:

For the first time since Treatment Plant 2 was brought online in 1998, DDJC-Tracy has both treatment plants operating near their design capacities. The communication problems with the extraction wells were fixed and several improvements to the injection galleries have resulted in increased disposal capacity. DDJC-Tracy can now determine the degree of hydraulic control their existing extraction/treatment system can provide when operating near design capacities and assess whether additional improvements are needed.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

DAVIS TRANSMITTER, (AIR FORCE/BRAC IV) - PCA NO. 16652

Progress:

The overall restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The program schedule will be revised during the Annual Funding Review Process.

Challenges:

- Overcoming State budget issues and securing the resources to provide regulatory oversight.
- Securing adequate funding from DoD, to complete the highest priority projects on schedule.
- Development of final cleanup goals for the site. The resolution of this issue will be addressed during the development of the Proposed Plan and ROD.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

TITAN MISSILE SITE 1-A, (LINCOLN), (FUDS/DERA) – PCA NO. 16951

Progress:

The restoration program is significantly behind schedule with the Two-Year Joint CA Execution Plan. The USACE conducted a Site-wide Supplemental Remedial Investigation (SRI) for better delineation of the onsite VOCs ground water plume in September 2002.

Challenges:

The USACE stopped operation of a pilot study ground water extraction/treatment system, which operated under an NPDES permit for the offsite TCE plume in August 2002. The pilot study has been successful in reducing concentrations in the offsite TCE plume. Multiple requests to the USACE for a meeting to discuss restarting the system in December 2002 were unanswered. A lack of Federal funding due to continuing resolutions by Congress has stalled the project. As of December 2002, the monthly NPDES reports and the SRI report have not been received.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

OLD HAMMER FIELD, (FUDS/DERA) – PCA NO. 16953

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. Results of the KMnO₄ pilot study suggest this technology will be applicable to full-scale source area cleanup. The Area 13-1 geophysical investigation was completed in October. No targets for further investigation were noted and site closure was recommended. The Final Area 1 Health Risk Addendum was reviewed and concurred with by DTSC and the Regional Board.

Challenges:

A recently constructed City of Fresno municipal well has the potential to adversely affect plume movement and contaminate deeper portions of the aquifer. The City states this well will be used only as pressure demand requires.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

TITAN MISSILE SITE 1-C, (CHICO), (FUDS/DERA) – PCA NO. 16954

Progress:

The restoration program is still seriously behind schedule with the Two-Year Joint CA Execution Plan. Final remedial actions required for closure have not been implemented due to a lack of Federal funding. The only remaining impediments to closure are abandoning the three remaining USTs and the two large water supply wells.

Challenges:

The USACE has not yet completed the final phases of the cleanup due to the loss of Congressionally-authorized funding for the project in 2001, and the reauthorization of new funding.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

TITAN MISSILE SITE 1-B, (SUTTER BUTTES), (FUDS/DERA) – PCA NO. 16955

Progress:

The restoration program is slightly behind schedule with the Two-Year Joint CA Execution Plan. The USACE investigated the suspected source of lead in the water standing in Silo 1, and conducted a water treatment and removal action under a Regional Board waiver in October 2002. Regional Board staff conducted site visits during the removal action in which the silo water was treated and analyzed prior to giving authorization for the discharge.

Challenges:

Remediation of underground abandoned missile facilities presents a unique challenge due to the expense of complying with mandatory confined space regulations and accessing sites with seriously deteriorated physical conditions. Salvage operations have removed metal flooring and vandalism has left much debris and friable asbestos damage to pipe insulation. Site closure did not occur as expected due to lack of funding to write reports required for the investigation and removal action. A lack of Federal funding due to continuing resolutions by Congress has stalled the project.

Success Stories:

Sprinklers placed on surface soils during the removal action discharged approximately 175,000 gallons of water without erosion or runoff into drainages, at a considerable cost savings to taxpayers when compared to offsite treatment and disposal.

Execution Plan Status:

See attachments to this report.

DQ UNIVERSITY, (FUNDS/DERA) – PCA NO. 16959

Progress:

The restoration program is significantly (approximately two years) behind schedule with the Two-Year Joint CA Execution Plan. In August 2002, USACE in-house technical staff conducted the second of the three promised rounds of quarterly ground water monitoring for VOCs, but a lack of Federal funding has stalled the project.

Challenges:

In September 2002, Regional Board staff requested that the Army sample an injection well screened across multiple aquifers, reportedly located at the edge of the expanded VOCs plume, to assess the need for abandonment to protect water quality. The Army agreed with the request but claims that there is insufficient funding to comply at this time.

As of December 2002, the Regional Board has not received the 2002 quarterly monitoring reports.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

EAGLE FIELD, (FUNDS/DERA) – PCA 16978

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

Successful completion of the field work for the Site-wide Site Investigation.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

**LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD
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SIERRA ARMY DEPOT, (ARMY/DERA) - PCA NO. 16655

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. Review of the following documents was provided by Regional Board staff:

- Closure Report for Diesel Spill Area
- Revised Closure Report for Diesel Spill Area
- Final Building 210 Area Enhanced Biodegradation Pilot Study Workplan
- Final Upper Burning Ground Ground Water Evaluation Workplan
- Final Abandoned Landfill and Southern Sites Area, Plume Migration Assessment Workplan
- Final Abandoned Landfill and Southern Sites Area, Ground Water Plume Delineation in Area of Potable Supply PSW-2 Workplan
- Third Quarter Treatment System Monitoring Report, Building 210 Area

Challenges:

The Building 210 area Zero-Valent Iron Nano-Particle Study showed difficulty in placing the iron via gaseous diffusion at the 100 foot level.

Success Stories:

Confirmation soil borings showed that bio-venting treatment at the Diesel Spill Area lowered in-situ concentrations to below cleanup levels, allowing closure for this site. Building 210 area TCE plume pilot studies show ongoing success, the reformulated HRC, biodegradation pilot study reported a transitory reduction in TCE concentration.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FORT IRWIN NATIONAL TRAINING CENTER, (ARMY/DERA) - PCA NO. 16656

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. Progress continues at Sites FTIR-01 and FTIR-11 with ground water and monitoring well installation.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

MCLB–BARSTOW, (NAVY/DERA) - PCA NO. 16657

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Navy restarted the OU-1 (Yermo ground water) extraction system after installing two new deeper extraction wells and new carbon treatment units. To date, 108 pounds of VOCs are removed from ground water using pump-and-treat and over 7,000 pounds of VOCs are removed using SVE. A deep, multi-port monitoring well was installed to investigate the vertical distribution of the offsite VOC plume. Regional Board staff participated in 1) two RPM meetings, 2) three conference calls, 3) a regulator only meeting, 3) an evaluation of the 5-Year ROD review, and 4) completed review of 12 milestone documents. Workplans were approved for 1) the remedial investigation at OU-7, 2) additional investigation for MTBE at numerous underground petroleum storage tank sites, and 3) installation of a pilot SVE system at the Nebo North ground water plume.

Challenges:

The MCLB is out of compliance with the OU-1 ROD because no offsite extraction wells are installed.

Success Stories:

Additional deeper extraction wells along with additional carbon vessels are important pump-and-treat-additions. Pilot test results for the Site CAOC 6 air sparging/SVE system indicate success and this system should be expanded.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

BRIDGEPORT MCMWTC, (NAVY/DERA) - PCA NO. 16658

Progress:

The overall restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. Site monitoring activities were ongoing. Corrective action planning is complete for all petroleum-only sites and all corrective actions have been implemented at the facility.

Challenges:

The hours allocated for oversight are inadequate to maintain suitable oversight of the environmental program.

Success Stories:

Regional Board staff concurred with the Navy's request to suspend site monitoring activities at IR Site 5 after receiving data which show the site has met the established ground water cleanup goal for four consecutive quarters.

Execution Plan Status:

See attachments to this report.

CHINA LAKE NAVAL AIR WEAPONS STATION, (NAVY/DERA) – PCA CODE NO. 16659

Progress:

The restoration program is somewhat behind the schedule with the Two-Year Joint CA Execution Plan. The State and the Navy have revised the schedule for some sites. The State has entered into negotiations with the Navy on a Federal Facility Site Remediation Agreement (FFSRA). Progress has been slow but steady.

Challenges:

Progress has slowed significantly due to State budget reductions.

Success Stories:

Delineating hydrogeology and determining flow directions, to predict contaminant movement and to determine site prioritization, has been completed in most areas.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

EDWARDS AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16660

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. The RPMs coordinated reviews and prioritized sites for reducing duplication of effort. The Regional Board has primary oversight on seventy ground water and soil petroleum-contaminated sites and will continue to provide ARARs for all sites impacting or threatening water quality.

Challenges:

Due to budget issues, staff is not able to provide an appropriate level of review of documents discussing major decisions affecting water quality. EAFB is considering requesting a Technical

Infeasibility Waiver and Containment Zone in areas where ground water quality cannot be fully restored. The current level of resources is inadequate to complete the necessary reviews in a timely manner.

Success Stories:

Remedial investigations and actions have been completed for OU-3 this year. Also, treatability studies for perchlorate are ongoing, with promising preliminary results. EAFB is the only base nationwide to be funded for perchlorate remedial methods testing.

Execution Plan Status:

See the DTSC Semiannual Performance Report for Two-Year Joint CA Execution Plan that has "Status" annotated.

GEORGE AIR FORCE BASE, (AIR FORCE/BRAC I&II) - PCA NO. 16661

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Air Force removed 238,472 lbs. (approximately 37,741 gallons) of jet fuel JP-4 through soil vapor extraction and free-product skimming. To date, approximately 15 percent of the trichloroethylene (TCE) mass in OU-1 ground water is removed using pump-and- treat (225 of 1,500 lbs. estimated). Field work was completed to 1) install additional wells in the OU-2 vicinity, 2) collect shallow soil samples for dieldrin, and 3) remove over 1,700 tons of soil with PAHs and lead shot at the second skeet range. Regional Board staff participated in 1) three RPM meetings, 2) three conference calls, 3) a closeout meeting for the Peer Review Team, 4) an update of the Two-Year Joint Execution Plan, and 5) completed review of 30 milestone documents.

Challenges:

The OU-2 Feasibility Study was submitted and reviewed but rejected by the regulators because no remedy was recommended. It will be revised and resubmitted. The Air Force is not in compliance with the OU-3 ROD regarding the Site OT-69 VOC plume.

Success Stories:

Technology successes include 1) free-product JP-4 jet fuel skimming, 2) lead shot removal in soil from the skeet ranges, and 3) continued expansion of soil vapor extraction systems.

Execution Plan Status:

See attachments to this report.

AIR FORCE PLANT #42, (AIR FORCE/DERA) - PCA NO. 16662

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. Regional Board staff attended a RAB meetings in October 2002 and reviewed and commented on the following documents:

- Draft Site Closure Report for Area of Concern 1
- Draft Final Response to Comments, Draft Remedial Investigation Report
- Closure Report for 58 Underground Storage Tanks, Sumps, and Clarifiers
- Soil Investigation of the Elevator Shaft at Building 740, Lockheed Martin
- Final Site Closure Report for Area of Concern 1.

Ground water monitoring at IRP Sites 29, 5, 18,19, and 23 continued. In October 2002, Regional Board staff collected split ground water samples for TCE at the former wastewater treatment facility and at Site 2.

UST closures, based on Draft Planning Documents for Closure Investigations and Closure Reports, Underground Storage Tank, Sump, and Clarifier Cases, are progressing. Regional Board staff met with CH2M Hill in November 2002 to discuss comments from the Regional Board and DTSC on nine non-petroleum UST sites.

The Air Force consultants are currently responding to both the Regional Board and DTSC's comments on the Draft RI Report.

Challenges:

Funding has been decreased approximately 60-70% during the last six months, due to budget constraints.

Disposal of treated ground water from the proposed ground water extraction system at Site 29. At this time, the options presented for disposal are reinjection, industrial re-use, irrigation, or surface discharge.

Success Stories:

Eight UST cases were closed.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

BARSTOW-DAGGETT AIRPORT, (FUDS/DERA) - PCA NO. 16961

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SIERRA ARMY DEPOT (HERLONG AND HONEY LAKE PARCELS), (ARMY/ BRAC IV) – PCA NO. 16963

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

The schedule for the investigation of the former Honey Lake demolition area and intended transfer of 55,000 acres to the California State Lands Commission by September 2003 is very aggressive but the mapping portion of the EE/CA was completed for this period.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**COLORADO RIVER BASIN REGIONAL WATER QUALITY CONTROL BOARD
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NAVAL AIR FACILITY EL CENTRO, (NAVY/DERA) - PCA NO. 16664

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. Remediation at IR Site 7, Abandoned Fuel Farm, continues as scheduled; significant amounts of hydrocarbons and COCs continue to be removed from the ground water and soil via soil vapor extraction.

Challenges:

Overcoming State budget issues and securing resources to provide regulatory oversight may be a challenge as the end of the FY approaches.

Success Stories:

An intensive site investigation was completed at IR Site 2, Patrol Road Landfill.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS,
(NAVY/DERA) – PCA NO. 16665**

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. Waste Discharge Requirements were issued for the Fire Fighting Training Facility.

Challenges:

High concentrations of metals exist in ground water at several sites. The military claims the levels are a result of naturally-occurring conditions; the Regional Board is requiring more detailed analysis and evidence. This issue potentially affects closure of several IR sites. Overcoming State budget issues and securing resources to provide regulatory oversight may be a challenge.

Success Stories:

Extensive investigation and negotiation with all parties resulted in a removal action scheduled for early 2003 to remove PCB contaminated soil at IR Site 6.

Execution Plan Status:

See attachments to this report.

CHOCOLATE MOUNTAIN NWR, (NAVY/DERA) – PCA NO. 16971

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

**SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
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EL TORO MCAS, (NAVY/BRAC III) - PCA NO. 16668

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Regional Board issued final comments on the final remedial design documents for Landfill Sites 2 and 17 and former UST Site 398 Vadose Zone Closure and Long-Term Ground Water Monitoring.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

The Regional Board concurred with the “No Further Action” designation on SWMU 204, LOCs MSC JP5 pipeline closure and abandonment, AST Site 47, and AST Site 315.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SEAL BEACH WSF, (NAVY/DERA) - PCA NO. 16669

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Regional Board concurred with Project Closeout Removal Action for Landfill Site 5, Removal Action Workplan for Water Tower Area Site 73, Removal Action Workplan and EE/CA for Demilitarization Furnace SWMU 24, and the Final Focused Site Inspection Report, Phase II.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

TUSTIN MCAF, (NAVY/BRAC I&II) - PCA NO. 16670

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

The Regional Board issued a Case Closure Letter for UST Site 105A-F and a determination of 'No Further Action' Letter for AST Site 194A & B. The Regional Board concurred with a 'No Further Action' for Sites 4 and 5, Mooring Pads, and with the Operations & Maintenance Plan and LUCICP for OU-3 Moffett Trenches and Crash Crew Burn Pit Site.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

NORTON AIR FORCE BASE, (AIR FORCE/BRRAC I&II) - PCA NO. 16671

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

This Air Force program is mature and all water quality related cleanups have been completed. Two pump-and-treat ground water systems are in standby with remedial actions completed. The landfill has been closed and landfill gas removal and monitoring activities continue in accordance with the O&M Plan.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MARCH AFBCA, (AIR FORCE/BRAC III) - PCA NO. 16672

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

JOINT FORCES TRAINING BASE, LOS ALAMITOS (formerly Armed Forces Reserve Center), (ARMY/DERA) - PCA NO. 16982

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Regional Board commented on the EE/CA for the North Landfill and concurred with the Workplan for Planting and Monitoring of a Phytoremediation Barrier (Hydraulic) for the JP-4 Containment Area. This installation has four operating interim remedial action dual phase vapor and ground water extraction systems for ground water contamination source removal and two operating interim action pump-and-treat ground water interdiction systems to control ground water plumes.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

The Regional Board signed the Decision Document for ‘No Further Action’ at the South Landfill site.

Execution Plan Status:

See attachments to this report.

CAMP ANZA, (FUDS/DERA) - PCA NO. 16983

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

The USACE, LA District, has not been able to gain access to private property in order to complete UST removals for this FUDS. Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

The Regional Board issued Site Closure Letter for UST Site C9 located on private property in Riverside, CA.

Execution Plan Status:

See attachments to this report.

MARCH ARB, (AIR FORCE/DERA) - PCA NO. 16985

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Regional Board concurred with the Treatability Implementation Plan for Site 2 & 27 and commented on the Record of Decision for Operable Unit 2.

Challenges:

Overcoming State budget issues in order to provide adequate regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD
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MARINE CORPS BASE, CAMP PENDLETON, (NAVY/DERA) - PCA NO. 16675

Progress:

The restoration program is close to being on schedule with the Two-Year Joint CA Execution Plan. Regional Board staff participated in a four-day Federal Facilities Agreement Partnering Workshop sponsored by the United States Environmental Protection Agency.

Challenges:

Closure of Site 7 (Box Canyon Landfill), by order of the Commanding General, continues to be a major challenge and a significant impediment to the program. In the OU 3 ROD, the landfill is identified as the disposal site for contaminated soils excavated from several other IR sites. Due to the closure of Site 7, the FFA signatories are evaluating additional remedial alternatives for the affected sites slated for disposal at Site 7 and appropriate mechanisms and procedures for documenting deviations from a ROD.

Success Stories:

Closure of four underground storage tank sites.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

CORONADO NAVPHIBASE, (NAVY/DERA) - PCA NO. 16676

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

IMPERIAL BEACH OUTLYING LANDING FIELD (OLF), (NAVY/DERA) - PCA NO. 16677

Progress:

No work was planned in the Two-Year Joint CA Execution Plan due to Navy's budget constraints and low priority ranking for the site.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

MARINE CORPS AIR STATION, MIRAMAR, (NAVY/DERA) - PCA NO. 16678

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Delays in the submission of Execution Plan deliverables and overcoming State Budget issues.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

NAVAL AIR STATION, NORTH ISLAND (NASNI), (NAVY/DERA) - PCA NO. 16680

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. Delay for some UST projects are due to reduction in State funding.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

Continuous, aggressive free-product removal action at the fuel farm has shown an effect in controlling the migration of petroleum free-products toward the San Diego Bay. The size of the free-product plume and the fuel saturation levels in the soil continue to decrease from previous

measurements. Fuel recovered = 12,058 gallons. Ground water treated = 5,120,238 gallons. Total fuel recovered for 2002 = 33,110 gallons.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FLEET ANTI-SUBMARINE WARFARE TRAINING CENTER, PACIFIC, SAN DIEGO (FASWTC PAC), (NAVY/DERA) - PCA NO. 16682

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Delays in the submission of Execution Plan deliverables and overcoming State Budget issues.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

FLEET COMBAT TRAINING CENTER, PACIFIC, SAN DIEGO (FCTC PAC), (NAVY/DERA) – PCA NO. 16683

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

MARINE CORPS RECRUIT DEPOT, SAN DIEGO (MCRD), (NAVY/DERA) - PCA NO. 16684

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

PT. LOMA NAVAL COMPLEX SPAWAR-PLC, (NAVY/DERA) – PCA NO. 16685

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

The Regional Board issued a ‘No Further Action’ Letter on SPAWAR Site 21 in October 2002.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

NAVAL COMMUNICATIONS STATION, SAN DIEGO (NCS), (NAVY/DERA) - PCA NO. 16686

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

NAVAL STATION, SAN DIEGO (NAVSTA), (NAVY/DERA) - PCA NO. 16689

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Convincing the Navy to investigate bay sediments west of the quay wall at Site 1. Technical documentation exists that there is hydraulic communication between ground water at Site 1 and San Diego Bay, but the Navy has yet to agree on conducting sediment sampling as part of the RI Workplan for Site 1.

Success Stories:

The Navy issued the Proposed Plan regarding 'No Further Action' at Sites 5, 7, 11, and 12 for public review in September 2002.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SAN DIEGO NAVSUBASE, (NAVY/DERA) – PCA NO. 16690

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FLEET INDUSTRIAL SUPPLY CENTER, SAN DIEGO (FISC), (NAVY/DERA) - PCA NO. 16691

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The Navy began investigation of the SWMUs identified as part of the Environmental Indicators in late 2002 and initiated hot spot removal at Site 19.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

NAVAL TRAINING CENTER, SAN DIEGO (NTC), (NAVY/BRAC III) - PCA NO. 16692

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

SAN DIEGO NISE (WEST) (NOCCSC OLD TOWN CAMPUS (FORMERLY AF PLANT #19), (NAVY DERA) – PCA NO. 16695

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FALLBROOK NWS, (NAVY/DERA) – PCA NO. 16696

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Executive Plan Status:

See attachments to this report.

S.E.R.E CAMP, WARNER SPRINGS, (NAVY/DERA) - PCA NO. 16697

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Overcoming Federal and State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

**SAN DIEGO BAY PRIMARY SHIP CHANNEL/STENNIS HOMEPORTING,
(NAVY/DERA) – PCA NO. 16916**

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

NAVAL TRAINING CENTER, SAN DIEGO, (NTC) , (NAVY/DERA) – PCA NO. 16979

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

**SEMIANNUAL REPORT – Non-Site ACTIVITIES
STATE WATER RESOURCES CONTROL BOARD/
REGIONAL WATER QUALITY CONTROL BOARDS
DEPARTMENT OF DEFENSE (DoD) program
(July – December, 2002)**

The State Water Board (Division of Clean Water Programs, Office of the Chief Counsel, and the Division of Administrative Services) and all nine Regional Water Quality Control Boards (RWQCBs) charge non-site activities to PCAs 16901, 16905, and 16910.

STATE WATER RESOURCES CONTROL BOARD:

Division of Clean Water Programs:

Program Management and Administration - PCA NO. 16901

- Coordinated and provided the RWQCBs with guidance to implement the mandated 13-position program reduction. Prepared the PCP necessary to restore partial resources to RWQCBs using Navy Cost Recovery (C/R) Federal Reimbursement authority for those organizations choosing to move sites from DSMOA to Navy C/R.
- Provided guidance to the RWQCBs for the Annual Funding Review, Resource Estimation Worksheets, when necessary, and the Semiannual Performance Report.
- Maintained a secure Internet Website used by regulators and the military branches for the preparation of the Cooperative Agreement (CA) Execution Plans (Appendices E and F), the Annual Funding Review, and Semiannual Performance Reports for the FY 2002-03 and FY 2003-04 CA Application.
- Responded to requests from the military and DTSC regarding DSMOA CA implementation and the FY 2002-03 and FY 2003-04 CA Application.
- Provided the RWQCBs with DoD Program implementation guidance and relevant information from the DoD/USACE, the USEPA, and/or DTSC.
- Participated in telephone calls and meetings and utilized email to coordinate CA administrative tasks with DTSC and the RWQCBs.
- Coordinated with DTSC management regarding DoD Program management issues, including the mandated 13-position program reduction.

- Participated in three CA In-Progress Review meetings with DTSC and the military on August 16, October 10, and December 5, 2002.
- Planned, facilitated, and participated in three DoD Program Roundtables with State and RWQCB participants, as follows: Two teleconference Roundtables on August 8 and November 21; and one tele/videoconference on September 19, 2002. Prepared and distributed minutes of each Roundtable.
- Continued development and maintenance of the DoD Database Program. Reconciled, compiled, and transmitted Daily Log Reports to DTSC, as required by the IA. Reconciled, compiled, and transmitted the Significant Milestone Reports and the Semiannual Performance Report to DTSC, as required by the IA. Developed and transmitted monthly site and non site-specific Expenditure Reports to affected organizations and the military.
- Attended FUDS Coordination Meetings with the USEPA, USACE, and DTSC on July 31 and December 9, 2002, in Riverside and San Francisco, respectively.
- Participated as a staff assistant on the ‘Improving the Cleanup Process Workgroup’ for Cal/EPA.
- Assisted RWQCBs with work efforts necessary to upload DoD UST data into GeoTracker. Provided assistance to the RWQCBs regarding AB2886, which requires electronic reporting of UST laboratory and locational data into GeoTracker.
- Maintained the DoD Program Internet site: <http://www.swrcb.ca.gov/cwphome/land/dod/intErnet/> including a Program Overview, Semiannual Performance Reports, Success Stories, Program Managers/Contacts List, Facilities List, and related links.
- Maintained the DoD Program Intranet site, including the Bimonthly Roundtable Minutes, training announcements, the technical library, and guidance.
- Reviewed monthly invoice and labor distribution reports; resolved errors and omissions, when necessary.
- Prepared for the Executive Program Management Briefing.
- Attended training: Environmental Justice; Brownsfield 2002 Conference; SB32 (Brownsfield Legislation); HAZWOPER (OSHA) 8-hour Refresher.
- Supervised staff, developed duty statements, and prepared performance evaluations.
- Prepared timesheets and input daily log and narrative information into the DoD Database Program.

Office of the Chief Counsel:

Program Management and Administration - PCA NO. 16901

- Provided legal assistance to SWRCB and RWQCB staff.
- Assisted RWQCBs in ARARs identification.
- Prepared timesheets and input daily log and narrative information into the DoD Database Program.

Division of Administrative Services:

Program Management and Administration - PCA NO. 16901

- Prepared and sent monthly DoD Program invoices to DTSC, monitored the Reimbursement Worksheet for cash availability, and calculated and posted monthly statistics.
- Prepared timesheets and input daily log and narrative information into the DoD Database Program.

REGIONAL WATER QUALITY CONTROL BOARDS:

Program Management and Administration - PCA NO. 16901

- Revised all site-specific facility budgets, once in July and, secondly, in October, 2002, to implement the mandated 13-position program reduction.
- Using the secure Internet Website, revised the FY 2002-03 and FY 2003-04 Execution Plans (Appendices E and F) for the Annual Funding Review, including REWs, when necessary, and annotated Appendices for the Semiannual Performance Report.
- Developed and provided the SWRCB with input for the January through June, 2002 Semiannual Performance Report to DTSC.
- Assisted SWRCB with work efforts necessary to upload DoD UST data into GeoTracker.
- Responded to requests from the military and DTSC regarding the DSMOA CA implementation.
- Coordinated with DTSC management regarding DoD Program management issues, including the mandated 13-position program reduction.
- Attended Senior, unit, and technical staff meetings and prepared progress report updates to RWQCB management.

- Participated in three DoD Program Roundtables as follows: Two teleconference Roundtables on August 8 and November 21, and one tele/videoteleconference on September 19, 2002.
- Attended training: RBSL Presentation; COE/EPA Dredging Conference; AB599 Interagency Task Force; QAPP; SB 32 (Brownsfield Legislation); Policy for Implementation of Toxic Standards for Inland Surface Waters, Enclosed Bays and Estuaries, and Estuaries of CA; Innovative Pulse Ground Water Remediation Technology; Ground Water Age-Dating and Low Level VOCs of Ground Water; DoD Database USTs; Use of Monitored Natural Attenuation at Superfund RCRA Corrective Action and Underground Storage Tank Sites; Ground Water Sampling and Analysis; CERCLA Superfund Orientation Manual; RCRA Ground Water Guidance Monitoring: Draft Technical Guidance; UXOs; Annual Ground Water Resources Association; Sexual Harassment; GeoTracker; Supervision; New Remedial Technology: Gas Fusion; Bar Cad Ground Water Sampling Technology; Health Risk Assessment; HAZWOPER (OSHA) 8-hour Refresher; Mercury Science Strategy; Stormwater; Accelerated Bioremediation of Chlorinated Hydrocarbons; ITRC Fall Meeting: Strengthening the Commitment to Innovation (co-sponsored by the USAF); Brownsfield 2002 Conference; New DoD Daily Log Database; FFA Team Partnering Workshop; Ground Water Statistics; Indoor Vapor Intrusion Seminar; Wetlands Restoration and Grammar 520.
- Prepared timesheets and input daily log, milestone, and narrative information into the DoD Database Program.
- Supervised staff, developed duty statements, prepared performance evaluations, and participated in employee interviews.

STATE WATER BOARD AND REGIONAL WATER QUALITY CONTROL BOARDS:

Clerical Support - PCA NO. 16905

- Provided clerical support for the DoD Program professional staff.

ATTACHMENTS

TWO-YEAR JOINT CA EXECUTION PLANS

12-31-02 STATUS
(In Regional Board Order)

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Santa Rosa Naval Auxiliary Air Station
 Funding Source DERA
 Service Branch Army Corps of Engineers
 DTSC Site# 200587
 RB# 1 RB PCA# 169-12 Lead RB

Requirement

1. CA-E Submittal
2. 12/31/02 Status
3. Annual Funding Review
4. 6/30/03 Status
5. 12/31/03 Status
6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Technical Memo summing up RI Removal of High Priority Surface Contamination Develop workplan for additional RI UST investigation workplan	Prepare Technical Memo			Review Technical Memo	1	
	Prepare workplan			Review workplan	1	
	Prepare workplan			Review workplan for additional RI	1	
	Prepare workplan			Review and comment on Draft and Final UST investigation workplans	1	
Project Management	RPM Project Coordination/ Management			Attend RPM Meetings	1	
	4 Site Visits			Site visits	1	
	RPM Training			RPM Training	1	
UST			Review and comment on Draft and Final UST Closure Report	1		
Public Participation	Conduct Public Meetings			Assist ACOE with Public Participation Process	1	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Feasibility Study	Prepare Study SOW			Review and comment on draft and final documents		
UST Corrective Action Plan (CAP)	Prepare UST CAP			Review and comment on draft and final CAP		
	4 Quarterly Groundwater Monitoring Reports			Review and comments on documents		
Project Management	4 Site Visits			4 site visits		
	RPM Training			Attend applicable training		
	RPM Project Coordination/ Management			Attend RPM meetings		
Public Participation	Conduct Public Meetings			Ensure adequate public participation		

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

DTSC Project Manager _____
E-mail _____
RWQCB Project Manager /s/ Stephen Bargsten _____
E-mail bargs@rb1.swrcb.ca.gov _____
DoD Project Manager /s/ Raj Sandhu _____
E-mail Rsandhu@spk.usace.army.mil _____

Date: _____
Phone # _____
Date: 1/24/02 _____
Phone # (707) 576-2653 _____
Date: 1/24/02 _____
Phone # (916)557-7441 _____

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Requa Air Force Station
 Funding Source DERA
 Service Branch Air Force
 DTSC Site# 200533
 RB# 1 RB PCA# 16913 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
Removal of USTs and AGTs Closure Document	Cape Environmental of Tustin, CA is preparing a cost estimate for tank removal.			Review and comment.	1		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
Subsurface Investigation RI/FS	Possible installation of monitoring wells and subsurface investigation RI/FS initiated as required once tanks are removed.			Review and comment. Review and comment.			

DTSC Project Manager _____
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 RWQCB Project Manager /s/ Ron Allen
 E-mail aller@rb1.swrcb.ca.gov
 DoD Project Manager /s/ Jerry Vincent
 E-mail GVincent@spk.usace.army.mil

Date: _____
 Phone # _____
 Date: January 10, 2002
 Phone # (707 576-2848)
 Date: January 10, 2002
 Phone # (916) 557-7452

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Moffett Field Naval Air Station
 Funding Source BRAC I/II
 Service Branch Navy
 DTSC Site# 200068
 RB# 2 RB PCA# 16610 Lead RB

Requirement

1. CA-E Submittal
2. 12/31/02 Status
3. Annual Funding Review
4. 6/30/03 Status
5. 12/31/03 Status
6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
RD/RA	OU1 (Site 1&2) 5 year review (Draft, Draft Final)			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		
Remedial Design	Site 22 Concurrence Letter Final Design			Technical reviews Comment resolution	2		
Remedial Action Construction	Site 22 Remedy Construction			Site visits	1		
Remedial Action	Site 22 Draft Remedial Action Report			Technical reviews Comment resolution Attend project meetings	1		
Final PP	Site 25 Proposed Plan.			Conduct technical review Attend project meetings Attend comment resolution meetings	2		
ROD	Site 25 ROD			Conduct technical review Attend project meetings Attend comment resolution meetings	1		
RD/RA	Site 25 Remedial Design			Conduct technical review Attend project meetings Attend comment resolution meetings	3		
RA/RD	Site 26 EATS 5-Year Review Document (Draft & Draft Final)			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		
RI/FS	Site 27 Feasibility Study Report (Draft & Draft Final)			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		
RI/FS	Site 27 Proposed Plan			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		
RA/RD	Site 28 WATS 5-Year Review Document (Draft & Draft Final)			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		
RA/RD	Sites 26 and 28 Draft Final 2001 Annual Groundwater Report for WATS and EATS			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		
RA/RD	Site 28 WATS Draft Final Piezometer Installation Tech Memo			Conduct technical reviews, attend project meetings, attend comment resolution meetings	2		
RA/RD	Site 28 WATS Draft Final Long-Term Groundwater Monitoring Plan			Conduct technical reviews, attend project meetings, attend comment resolution meetings	1		

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services		Jul Dec	Jan Jun
RA/RD	Site 28 Draft 2002 Annual Groundwater Report for WATS			Conduct technical reviews, attend project meetings, attend comment resolution meetings		1	
Site Investigation	Moffett Community Housing Review of Phase II Site Characterization Work Plan			Technical reviews, comment resolution, attend project meetings		2	
Site Investigation	Moffett Community Housing Review of Site Characterization and Baseline Human Health Risk Assessment			Technical reviews, comment resolution, attend project meetings		1	

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services		Jul Dec	Jan Jun
Remedial Action	Site 22 Draft Final Remedial Action Report			Conduct technical reviews Comment resolution Attend project meetings			
Response Complete	Site 22 Monitoring and Maintenance Report			Conduct technical reviews Attend project meetings			
Remedial Action	Site 25 Remedial Action Report.			Conduct technical review Attend project meetings Attend comment resolution meetings			
RI/FS	Site 27 Proposed Plan (Draft Final)			Conduct technical reviews, attend project meetings, attend comment resolution meetings			
ROD	Site 27 Record of Decision			Conduct technical reviews, attend project meetings, attend comment resolution meetings			
RA/RD	Site 28 Draft Final 2002 Annual Groundwater Report for WATS			Conduct technical reviews, attend project meetings, attend comment resolution meetings			
RA/RD	Site 28 2003 Annual Groundwater Report for WATS			Conduct technical reviews, attend project meetings, attend comment resolution meetings			
RA/RD	Site 28 Alternative Technology Remedial Work Plan - (Draft & Draft Final)			Conduct technical reviews, attend project meetings, attend comment resolution meetings			

EPA Project Manager _____

E-mail _____

RWQCB Project Manager /s/ Adriana Constantinescu _____

E-mail avc@rb2.swrcb.ca.gov _____

DoD Project Manager /s/ Art Tamayo _____

E-mail tamayoar@efdsww.navy.mil _____

Date: _____

Phone # (415) 947-3526 _____

Date: 01/15/03 _____

Phone # (510) 622-2353 _____

Date: 02/20/02 _____

Phone # (619) 532-0981 _____

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Naval Fuel Depot Point Molate
 Funding Source BRAC IV
 Service Branch Navy
 DTSC Site# _____
 RB# _____ RB PCA# _____ Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
NPDES Permit Compliance	12 monthly Self-Monitoring Reports	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	1	
Removal	IR Site 1 Landfill Post-Closure Monitoring Plan	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	1	
Removal	IR Site 1 Proposed Plan (report review)	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	1	
Removal	IR Site 3 EE/CA concurrence	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	3	
Removal	IR Site 3 Removal Action Memo. (report review and concurrence)	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	3	
Removal	IR Site 3 Removal Action Plans and Specifications	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	3	
Removal	IR Site 4 Human Health Risk Assessment	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	1	
Removal	IR Site 4 EE/CA (if required)	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	1	
UST	Fuel UST and pipeline CAP (comment resolution and concurrence)	2		Conduct technical reviews, attend project meetings, attend comment resolution meetings	2	
UST	Fuel UST and pipeline Removal Plans and Specifications (report review)	2		Conduct technical reviews, attend project meetings, attend comment resolution meetings	2	
UST	UST and pipeline structural closure Plans and Specifications (comment resolution and concurrence)	2		Conduct technical reviews, attend project meetings, attend comment resolution meetings	2	
UST	Chevron lease property USTs sampling and analysis plan (comment resolution and concurrence)	1		Conduct technical reviews, attend project meetings, attend comment resolution meetings	2	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
NPDES Permit Compliance Removal	12 monthly Self-Monitoring Reports					
Removal	IR Site 1 Proposed Plan (comment resolution and concurrence)					
Removal	IR Site 1 Responsiveness Summary					
Removal	IR Site 1 ROD					
Removal	IR Site 4 Removal Action Memo. (if required)					
Removal	IR Site 4 Removal Action Plans and Specifications (if required)					
UST	Fuel UST and pipeline Removal Action Plans and Specifications (comment resolution and concurrence)					
UST	Chevron lease property USTs sampling and analysis plan (comment resolution and concurrence)					
UST	Chevron lease property USTs request for closure concurrence					

DTSC Project Manager _____
 E-mail _____
 RWQCB Project Manager /s/Adriana Constantinescu
 E-mail avc@rb2.swrcb.ca.gov/
 DoD Project Manager /s/John Kowalczyk
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Date: _____
 Phone # _____
 Date: 01/15/03
 Phone # (510) 622-2353
 Date: 11/8/01
 Phone # (619) 532-0972

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation DFSP Ozol, CA
 Funding Source _____
 Service Branch DLA
 DTSC Site# _____
 RB# _____ RB PCA# 16621 Lead RB2 - RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
7/30/2002	Prepare and execute a work plan to fully assess the Generator Building – Truck Loading Rack Area	2				2	
7/30/2002	Execute biannual self-monitoring program, prepare and submit Monitoring and Sampling Report.	1				1	
7/30/2002	Monitor remediation systems, prepare and submit 2 nd quarter System Status Report.	2				1	
9/30/2002	Based on results of Generator Bld'g – Truck Loading Rack Area assessment, prepare a work plan to expand the remediation system to expedite free phase hydrocarbon recovery.	3				3	
10/30/2002	Monitor remediation systems, prepare and submit 3rd quarter System Status Report.	2				2	
1/31/1003	Execute biannual self monitoring program, prepare and submit Monitoring and Sampling Report	1				1	
1/31/2003	Monitor remediation systems, prepare and submit 4th quarter System Status Report.	1				1	
3/31/2003	Install and start-up expanded free phase hydrocarbon recovery system at Generator Bld'g – Truck Loading Rack area.	3				3	
4/30/2003	Monitor remediation systems, prepare and submit 1st quarter System Status Report.	1				1	

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
7/30/2003	Execute biannual self-monitoring program, prepare and submit Monitoring and Sampling Report.						
7/30/2003	Monitor remediation systems, prepare and submit 2 nd quarter System Status Report.						
10/30/2003	Monitor remediation systems, prepare and submit 3rd quarter System Status Report.						
1/31/1004	Execute biannual self monitoring program, prepare and submit Monitoring and Sampling Report						
1/31/2004	Monitor remediation systems, prepare and submit 4th quarter System Status Report.						
4/30/2004	Monitor remediation systems, prepare and submit 1st quarter System Status Report.						

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

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DTSC Project Manager _____

E-mail _____

RWQCB Project Manager /S/ James Ponton _____

E-mail jdp@rb2.swrcb.ca.gov _____

DoD Project Manager /S/Jack O'Donovan _____

E-mail jodonovan@desc.dla.mil _____

Date: _____

Phone # _____

Date: 1/28/2002 _____

Phone # (510) 622-2492 _____

Date: 1/28/2002 _____

Phone # (703) 767-8309 _____

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Onizuka AFS
 Funding Source BRAC IV
 Service Branch Air Force
 DTSC Site# 200284
 RB# 2 RB PCA# 16620 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
Site Investigation	Review of Phase II Site Characterization Work Plan			Technical reviews Comment resolution Attend project meetings	2		
Site Investigation	Review of Site Characterization and Baseline Human Health Risk Assessment (Above work activities will be completed under Moffett Field NAS; see Moffett App. E & F)			Technical reviews Track investigation activities to ensure progress Comment resolution Attend project meetings	1		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	

DTSC Project Manager _____
 E-mail _____
 RWQCB Project Manager /s/ Adriana Constantinescu
 E-mail Avc@rb2.swrcb.ca.gov
 DoD Project Manager /s/ Wilson Doctor
 E-mail Doctorwe@efdswnavy.navy.mil

Date: _____
 Phone # _____
 Date: 01/15/03
 Phone # (510) 622-2353
 Date: 12/20/01
 Phone # (619) 532-0928

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Presidio of Monterey
 Funding Source DERA
 Service Branch Army
 DTSC Site# 300522
 RB# 3 RB PCA# 166-23 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
Building 262	Final Closure Report			Conduct technical reviews	2		
				Attend comment resolution meetings	2		
LTM – Landfill (POM – 05)	Long Term Maintenance			Coordinate with Monterey County Department of Environmental Health	2		
				Quarterly inspections	1		
				Review quarterly LTM reports	2		
				Review 5-Year Review Report	2		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
On-going LTM - Landfill (POM – 05)	Long Term Maintenance			Quarterly inspections			
				Review quarterly LTM reports			

DTSC Project Manager none
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 DoD Project Manager Melissa Hlebasko /s/
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Date: _____
 Phone # _____
 Date: 12/19/01
 Phone # 805-542-4636
 Date: 12/19/01
 Phone # 831-393-1284

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation NAAS Monterey
 Funding Source DERA
 Service Branch FUDS
 DTSC Site# 200636
 RB# 3 RB PCA# 169-39 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
POL Plume						
Interim Operations Draft Final Report	Quarterly groundwater monitoring pending selection of final remedy			<ul style="list-style-type: none"> • Conduct technical reviews: SI or RI Workplans • Attend TRC comment meetings • Corrective Action Plan 	2	
TCE Plume						
Interim Operations Draft Final Report	Quarterly groundwater monitoring pending selection of final remedy			<ul style="list-style-type: none"> • Conduct technical reviews: RI Workplan (guard wells) • Attend TRC comment meetings • Human Health Risk Assessment Phases I & II 	2	
Fire Fighting Training Facility						
	Site Characterization,			<ul style="list-style-type: none"> • Conduct reviews: Data Gap Report 	2	
	Develop Work/Sampling & Analysis Plan,			<ul style="list-style-type: none"> • Attend TRC comment meetings 	2	
	Develop Worker Health & Safety Plan,			<ul style="list-style-type: none"> • Coordinate with other state agencies, ecology programs, and Monterey County 	2	
	Final Remedial Investigation Report and Feasibility Study					
Range Areas Dump Sites Spill Sites						
Remedy Selection	Site Characterization – all sites			Extended SI – all sites	2	
	Proposed Plan (2-3 Drafts)			<ul style="list-style-type: none"> • Screen alternatives • Review and approve plan • Identify ARARS • Coordinate with other state agencies, ecology programs, EPA, and Monterey County 	1	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Remedy Selection Feasibility Study Treatability Study	Decision Document			<ul style="list-style-type: none"> Conduct treatability/feasibility reviews Attend TRC comment meetings Coordinate with other state agencies, ecology programs, EPA, and Monterey County 	2	
Remedy Design	Scope Design Remedial Design (2-3 Drafts)			<ul style="list-style-type: none"> Negotiate schedule for RD/RA Conduct technical reviews Attend comment resolution meetings Coordinate with other state agencies, ecology programs, and EPA 	1	

DTSC Project Manager N/A

E-mail _____

RWQCB Project Manager Grant Himebaugh /s/

E-mail ghimebau@rb3.swrcb.ca.gov

DoD Project Manager Jerry Vincent /s/

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Date: _____

Phone # _____

Date: 12/3/01

Phone # 805-542-4636

Date: 11/23/01

Phone # 916-557-7452

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation CAMP ROBERTS
 Funding Source DERA
 Service Branch ARMY NATIONAL GUARD
 DTSC Site# 200589
 RB# 3 RB PCA# 16931 Lead RB

Requirement

1. CA-E Submittal
2. 12/31/02 Status
3. Annual Funding Review
4. 6/30/03 Status
5. 12/31/03 Status
6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Site Inspection	Draft Final Report			Review, Comment and Approve	1	
	Final Report			Review, Comment and Approve	1	
Record of Decision	SI Closure Sites Decision Document			Review, Comment and Approve, Sign Record of Decision	1	
Remedial Investigation /Feasibility Studies	Work Plan development			Site Visit	1	
	Draft Final Work Plan			Review, Comment and Approve	1	
	Final Work Plan			Review, Comment and Approve	1	
	Field Work			Site Visit, obtain split/duplicate samples as required	1	
Other	Draft Final Report			Review, Comment and Approve	1	
	RPM Meetings (6) RPM Teleconferences (6)			Participate in Meetings at the Facility	1	
Community Relations	Solicit Interest in forming a Restoration Advisory Board (RAB)			Participate in Teleconferences Provide feedback, serve as RWQCB POC	1	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Investigation/ Feasibility Study	Final Report			Review, Comment, Approve		
Record of Decision	IRA Sites Decision Document			Review, Comment and Approve, Sign Record of Decision		
Interim Removal Action(s)	Scoping			Review, Comment, Site Visit		
	Draft Final Work Plan			Review, Comment and Approve		
	Final Work Plan			Review, Comment and Approve		
	Field Work			Site Visit, obtain split/duplicate samples as required		
Other	Draft Final Report			Review, Comment and Approve		
	RPM Meetings (6) RPM Teleconferences (6)			Participate in Meetings at the Facility		
Community Relations	4 RAB Meetings			Participate in Teleconferences Attend RAB Meetings and Participate as RAB members		

RWQCB Project Manager /s/ Linda Stone Date: 12/21/01
 E-mail lstone@rb3.swrcb.gov Phone # (805) 542-4695
 DoD Project Manager /s/ John Morrow Date: 12/21/01
 E-mail John.Morrow@ca.ngb.army.mil Phone # (805) 238-8922

TWO-YEAR JOINT CA EXECUTION PLAN

Description						Requirement	
Name of Installation		Lompoc, Branch U.S. Disciplinary Barracks				CA-E Submittal	<input checked="" type="checkbox"/>
Funding Source		BRAC IV				12/31/02 Status	<input checked="" type="checkbox"/>
Service Branch		Army				Annual Funding Review	<input checked="" type="checkbox"/>
DTSC Site#		300583				6/30/03 Status	<input type="checkbox"/>
RB#	3	RB PCA#	169-30	Lead	RB	12/31/03 Status	<input type="checkbox"/>
						6/30/04 Status	<input type="checkbox"/>
CA Period 1 JUL 02 - 30 JUN 04							

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
RI: ARAR Identification	1. Identification of potential ARARs 1. Farm Fuel area 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Provide RWQCB's ARARs Solicit ARARs from other state agencies Continue reviewing and refining ARARs	1	
RI: Risk Assessment	2. Draft Risk Assessments, and 3. Final Risk Assessments for: 1. Farm Fuel area, 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area			Review/comments, approval/acceptance	1	
RI: Report of Findings	• Draft RI Reports, and • Final RI Reports for: 1. Farm Fuel area 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Review/comments, approval/acceptance	1	
Interim Actions/Pilot Tests Decision Documents (DD)	• Community involvement, • Draft & Workplans, • Final Workplans, • Field activities, and • Findings for: 1. Farm Fuel area 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Review and comments, & approval/accept Field oversight, Review/Comment, Approval/acceptance Public meetings	1	
Feasibility Studies (DD)	• Community involvement, • Draft Report, and • Final Report for: 1. Farm Fuel 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Review/comments, approval/acceptance, Public meetings	1	

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Environmental Documentation CEQA	<ul style="list-style-type: none"> • Environmental documents, and • Public participation for: <ol style="list-style-type: none"> 1. Wood Dump/Landfill Closure 2. Facility-wide, Cleanup and transfer of property 			Coordination, oversight, review, and certification of environmental documents Public meetings	1	
Quarterly GW Monitoring	<ul style="list-style-type: none"> • Field activities, and • Reports 			Field oversight Review/comment, approval/acceptance	1	
Other	<ul style="list-style-type: none"> • RPM Meetings (6) • Correspondence/Progress Reports (10) • Conference calls (10) • RWQCB Meeting Items/Reports (4) 			Prepare for and attend meetings Review/comment, approval/acceptance Participation in discussion/decisions Prepare for and attend meetings	1	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Environmental Documentation CEQA	<ul style="list-style-type: none"> • Environmental documents, and • Public participation for: <ol style="list-style-type: none"> 1. Wood Dump/Landfill Closure 2. Facility-wide, Cleanup and transfer of property 			Coordination, oversight, review, and certification of environmental documents Public meetings		
RAP/ROD (DD)	<ul style="list-style-type: none"> • Draft Report • Final Report 			Review/comment, approval/acceptance		
Quarterly GW Monitoring	<ul style="list-style-type: none"> • Field activities • Reports 			Field oversight Review/comment, approval/acceptance		
O&M	<ul style="list-style-type: none"> • Plans • Implementation 			Review/comment, approval/acceptance Field oversight		
Site Closure	<ul style="list-style-type: none"> • Well Abandonment • Closure Reports 			Field oversight Review/comment, approval/acceptance		
Other	<ul style="list-style-type: none"> • RPM Meetings (6) • Correspondence/Progress Reports (10) • Conference calls (10) • RWQCB Meeting Items/Reports (4) 			Prepare for and attend meetings Review/comment, approval/acceptance Participation in discussion/decisions Prepare for and attend meetings		

RWQCB Project Manager	Linda C. Stone /s/	Date:	12/19/01
E-mail	lstone@rb3.swrcb.ca.gov	Phone #	805-542-4695
DoD Project Manager	(for) Eric Waehling (by Frank Crown) /s/	Date:	12/19/01
E-mail	Waehlinge@lewis.army.mil	Phone #	253-966-1732

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Requirement

Name of Installation Defense Fuel Support Point, San Pedro (DFSP)
 Funding Source DERA
 Service Branch DESC
 DTSC Site# Tank Farm, Administration and Pump House Areas
 RB# _____ RB PCA# 16637 Lead RB#4

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
	Community Relations	1		Attend yearly RAB meeting	1	
	Project Managers Meeting	1		Attend meeting if required	1	
	Long Term Monitoring of groundwater at Tank Farm, Administration Area and Pump House Area	1		Project Management, site visit, document review	1	
	Long Term monitoring of the remediation system	1		Project Management, site visit, document review	1	
	Remediation of groundwater at Administration area	1		Project Management, site visit, document review	1	

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
	Community Relations			Attend yearly RAB meeting		
	Project Managers Meeting			Attend meeting if required		
	Long Term Monitoring of groundwater at Tank Farm, Administration Area and Pump House Area			Project Management, site visit, document review		
	Long Term monitoring of the remediation system			Project Management, site visit, document review		
	Remediation of groundwater at Administration area			Project Management, site visit, document review		

DTSC Project Manager _____
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 RWQCB Project Manager /s/Jeffrey Hu
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 DoD Project Manager /s/ Hasan Dogrul
 E-mail hdogrul@desc.dla.mil

Date: _____
 Phone # _____
 Date: 4/15/2003
 Phone # (213) 576-6736
 Date: 4/15/2003
 Phone # (703) 767-8308

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Defense Fuel Support Point, San Pedro (DFSP Navy)
 Funding Source DERP
 Service Branch Navy
 DTSC Site# Site 6, 31, & 32
 RB# 4 RB PCA# 16947 Lead RB#4

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
	Community Involvement	1		Attend yearly RAB meeting	1		
	Project Managers Meeting	1		Attend meeting if required	1		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
	Community Involvement	1		Attend yearly RAB meeting	1		
	Project Managers Meeting	1		Attend meeting if required	1		

DTSC Project Manager /s/Sue Hakim
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 RWQCB Project Manager /s/Jeffrey Hu
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Date: 4/15/03
 Phone # (714) 484-5381
 Date: 4/15/03
 Phone # (213) 576-6736
 Date: 4/15/03
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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation San Clemente Island NALF
 Funding Source DERA
 Service Branch NAVY
 DTSC Site# 400278
 RB# 4 RB PCA# 166-34 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 – 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
PA/SI	Site 2 SI Work plan and field work			Review Report , conduct site inspections and attend meetings.	3		
UST Investigation	Provide location information UST Closure electronically for open/active			Review/concur with locational data	3		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
RI/FS	Site 2 RI/FS Work plan			Review Report , conduct site inspections and attend meetings.			

DTSC Project Manager N/A
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 RWQCB Project Manager /s/ Ana Townsend
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 DoD Project Manager /s/ Bill Collins
 E-mail collinswe@efds.w.navy.mil

Date: _____
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 Date: 19 December, 2001
 Phone # 213-576-6738
 Date: 19 December 2001
 Phone # 619-556-9901

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Norwalk, Fuel Terminal DFSP
 Funding Source DWCF
 Service Branch DLA
 DTSC Site# 300047 Tank Farm, Truck Rack, Water Tank
Area, Buried Oily waste southwest area
 RB# 4 RB PCA# 166-38 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
LTM	Community Involvement			Attend semi-annual RAB meeting	1		
	Project Managers Meeting			Attend meeting as required	1		
	Long term remediation system O&M, Monitoring to determine optimal performance and efficiency of system.			Project Management, site visit, document review.	1		
LTM	Semi-annual sampling of on- and off-site wells			Project Management, site visit, document review	2		
RA	Remedial Actions for Truck Rack and Above Ground Tank areas.			Project Management, site visit, document review	3		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
LTM	Community Involvement			Attend semi-annual RAB meeting			
	Project Managers Meeting			Attend meeting as required			
	Long term remediation system O&M, Monitoring to determine optimal performance and efficiency of system.,			Project Management, site vis it, document review			
LTM	Semi-annual sampling of on- and off-site wells			Project Management, site visit, document review			

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 RWQCB Project Manager /s/ Ana Townsend
 E-mail aveloz@rb4.swrcb.ca.gov
 DoD Project Manager /s/ Kola Olowu
 E-mail kolowu@desc.dla.mil

Date: _____
 Phone # _____
 Date: 04/10/03
 Phone # (213) 576-6738
 Date: 04/10/03
 Phone # (703) 767-8316

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Camarillo Airport
 Funding Source DERP-J09CA0126
 Service Branch FUDS
 DTSC Site# 300576
 RB# 4 RB PCA# 169-43 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Draft Supplemental RI	Field Investigation report			Review and comment	2	
	Technical review meeting				2	
Draft FS/RAP	Field investigation and report			Review and comment	1	
	Technical review meeting				1	
Final supplemental RI	Final RI report			Review and comment	1	
Final FS/RAP	Final report					

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Monitoring report	Start Groundwater Monitoring			Review and comment		
	Technical review					

CCRWQCB Project

Manager /S/ Mr. Peter Raftery

Date: 2/6/2002

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Phone # 213-576-6796

DoD Project Manager /S/ TAWNY TRAN

Date: 2/6/2002

E-mail TTRAN@SPL.USACE.ARMY.MIL

Phone # 213-452-3991

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Davis Transmitter Site - McClellan AFB
 Funding Source BRAC IV
 Service Branch AFBCA
 DTSC Site# 100266
 RB# 5 RB PCA# 166-52 Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003			
Milestones	Tasks	Status	California DSMOA Services	Status
Remedial Action Operations	4 Each Davis Quarterly Operations and Monitoring Report (F)	1	<ul style="list-style-type: none"> • Review and Comment 	1
Proposed Plan	Davis Site Proposed Plan (D, DF, F)	5	<ul style="list-style-type: none"> • Review, Comment, and Approve 	5
Proposed Plan	Davis Site Proposed Plan Public Meeting	5	<ul style="list-style-type: none"> • Participate in Meeting 	5
Program Management	2 Each Site Inspections	1	<ul style="list-style-type: none"> • Attend Site Inspections 	1
Program Management	2 Each Technical Specific Meetings	1	<ul style="list-style-type: none"> • Participate in Meetings 	1
UST	1 UST Work Plan (D, F)	5	<ul style="list-style-type: none"> • Review, Comment, and Approve 	5

YEAR 2	July 1, 2003 to June 30, 2004			
Milestones	Tasks	Status	California DSMOA Services	Status
Remedial Action Operations	4 Each Davis Quarterly Operations and Monitoring Report (F)		<ul style="list-style-type: none"> • Review and Comment 	
Record of Decision	Davis Site Record of Decision (D, DF, F)		<ul style="list-style-type: none"> • Review, Comment, and Approve 	
Program Management	2 Each Site Inspections		<ul style="list-style-type: none"> • Attend Site Inspections 	
Program Management	2 Each Technical Specific Meetings		<ul style="list-style-type: none"> • Participate in Meetings 	
UST	1 UST Work Plan (D, F)		<ul style="list-style-type: none"> • Review, Comment, and Approve 	
UST	UST Closure Report (F)		<ul style="list-style-type: none"> • Review, Comment, and Approve 	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, will finish in Year 1; [4] Delayed, will finish in Year 2;
 [5] Delayed, carryover to Out-Years; and [6] Tasks will not be performed.

DTSC Project Manager	<u>Kevin Depies /s/</u>	Date:	<u>12/21/01</u>
E-mail	<u>Kdepies@dtsc.ca.gov</u>	Phone #	<u>916-255-3688</u>
RWQCB Project Manager	<u>James D. Taylor /s/</u>	Date:	<u>12/21/01</u>
E-mail	<u>Taylorjd@rb5s.swrcb.ca.gov</u>	Phone #	<u>916-255-3069</u>
DoD Project Manager	<u>Paul Brunner /s/</u>	Date:	<u>12/20/01</u>
E-mail	<u>Pbrunner@afbda1.hq.af.mil</u>	Phone #	<u>916-643-1250 x201</u>

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Beale Air Force Base, Titan I-A Missile Facility
 Funding Source DERP
 Service Branch USACE, Sacramento District
 DTSC Site# 100525
 RB# 5 RB PCA# 169-51 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | X |
| 2. 12/31/02 Status | X |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | <input type="checkbox"/> |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Feasibility Study	Finish Focused Feasibility Study-pilot study			Review and comment on focused FS Report.	2	
Remedial Investigation	Start and implement Site Wide Remedial Investigation			Review and comment on extended Remedial Investigation Work Plan.	2	
	Risk Assessment			Review and comment on Risk Assessment.	3	
Remedial Action	Determine best Remedial Action approach			Review and comment on Remedial Action proposal.	3	
NPDES Permit	Report of Waste Discharge			Review NPDES permit required monitoring reports for treatment system.	1	
Remedial Action (Long Term Monitoring) Work Plan	Quarterly Groundwater Monitoring (4)			Review and comment on quarterly groundwater and NPDES monthly reports.	1	
	Corrective Action Plan			Review and comment on Corrective Action Plan. Meet with the Army to negotiate terms and conditions.	3	
	Public Information Outreach (1)			Attend Public Information Outreach Meeting.	1	
	Meetings (6)			Attend Technical Review Meetings.	1	
	Site Visit			Conduct two (2) site visits during Remedial Investigation.	2	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Remedial Action (Long Term Monitoring) NPDES Permit	Quarterly Groundwater Monitoring (4)			Review and comment on quarterly groundwater and NPDES monthly reports.		
	Report of Waste Discharge			Review NPDES permit required monitoring reports for treatment system, if operating.		
	Public Information Outreach (2)			Attend Public Information Outreach Meetings.		
	Meetings (4)			Attend Technical Review Meetings.		

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DTSC Project Manager

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Date:

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Date:

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3 March 2003

(916) 255-3051

29 January 2002

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TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Beale Air Force Base, Titan I-B Missile Facility
 Funding Source DERP
 Service Branch USACE, Sacramento District
 DTSC Site# 100567
 RB# 5 RB PCA# 169-55 Lead RB

Requirement

1. CA-E Submittal X
 2. 12/31/02 Status X
 3. Annual Funding Review X
 4. 6/30/03 Status
 5. 12/31/03 Status
 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Work Plan	Lead Removal Feasibility Study			Review and comment on Work Plan	2	
Corrective Action	Corrective Action Plan			Review and comment on Corrective Action Plan. Meet with the Army to negotiate terms and conditions.	3	
	Site Visit			Conduct one (1) site visit during field activities.	1	
	Meetings (4)			Attend Technical Review meetings.	2	
	Public Information Outreach (1)			Attend Public Information Outreach Meeting.	3	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Closure Report	Site Closure Report (to include UST Closure Report and Corrective Action Report)			Review and issue closure letter		
	Meetings (6)			Attend Technical Review Meetings.		
	No Further DoD Action			Issue concurrence letter.		
	Site Visit			Conduct one (1) site visit during field activities.		
	Meetings (4)			Attend Technical Review meetings.		
	Public Information Outreach (1)			Attend Public Information Outreach Meeting.		

DTSC Project Manager _____

Date: _____

E-mail _____

Phone # _____

RWQCB Project Manager Robert Reeves /s/ _____Date: 3 March 2003E-mail reevesr@rb5s.swrcb.ca.govPhone # (916) 255-3051DoD Project Manager Brenda Pedersen /s/ _____Date: 29 January 2002E-mail bpedersen@spk.usace.army.milPhone # (916) 557-6771

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Beale Air Force Base, Titan I-C Missile Facility
 Funding Source DERP
 Service Branch USACE, Sacramento District
 DTSC Site# 100568
 RB# 5 RB PCA# 169-54 Lead RB

Requirement

1. CA-E Submittal
 2. 12/31/02 Status
 3. Annual Funding Review
 4. 6/30/03 Status
 5. 12/31/03 Status
 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
	Abandon wells/fill in USTs*			Review Work Plan and comment*	2		
	Site Closure Report*			Review and issue Closure letter*	3		
	Meetings (4)*			Attend technical meetings*	1		
	Public Information Outreach (1)*			Attend Public Information Outreach meeting*	3		
	* - tasks and California DSMOA services are contingent upon the Army securing funding during the cooperative agreement period, regardless of year 1 or year 2. Rights of Access						
				Continue assisting Corps of Engineers with Rights of Access Issues with Landowner, to allow site closure when funding becomes available again.			

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
	Secure Silo*	2		Review and issue comments*			
	Site Closure/ No Further Action*			Review and issue comments*			
	Meeting (2)*			Attend technical meeting*			
	Public Information Outreach (1)*			Attend Public Information Outreach meeting*			
	* - tasks and California DSMOA services are contingent upon the Army securing funding during the cooperative agreement period, regardless of year 1 or year 2. Rights of Access						
				Continue assisting Corps of Engineers with Rights of Access Issues with Landowner, to allow site closure when funding becomes available again.			

DTSC Project Manager	_____		Date:	_____
E-mail	_____		Phone #	_____
RWQCB Project Manager	Robert Reeves	/s/	Date:	3March 2003
E-mail	bartonj@rb5s.swrcb.ca.gov		Phone #	(916) 255-3051
DoD Project Manager	Brenda Pedersen	/s/	Date:	29 January 2002
E-mail	bpedersen@spk.usace.army.mil		Phone #	(916) 557-6771

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Deganawidah-Quetzalcoatl University
 Funding Source DERP
 Service Branch USACE, Sacramento District
 DTSC Site# 100570
 RB# 5 RB PCA# 169-59 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Preliminary Assessment	Complete Preliminary Site Assessment Report for review and comment			Review and comment on revised Preliminary Assessment Report.	2	
	Site Inspection Draft	Complete Site Inspection Report for review and comment				2
Final Report	Prepare Decision Document for Long-Term Monitoring (Optional)				1	
	Long-Term Monitoring	Quarterly Groundwater Monitoring (4)		Review and comment four times a year on the submitted groundwater monitoring reports.	3	
	Develop accurate Operations & Maintenance cost estimate for future budgeting			Review current progress and meet with Federal agency to discuss the details and progress of the project.	3	
	Periodic review of compliance w/project goals			Technical Review Meetings to discuss the contents of the quarterly report and to determine if additional work is required.	3	
	Bi-annual meetings (2)			Public informational meeting to present results of the Preliminary Assessment & Site Investigation Report	2	
	Public Meeting (1) (Optional)			Conduct one (1) site visit	3	
	Site Visit				2	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Long-Term Monitoring	Quarterly Groundwater Monitoring (4) Develop accurate Operations & Maintenance cost estimate for future budgeting Periodic review of compliance w/project goals Bi-annual meetings (2) Site Visit			Review and comment four times a year on the submitted groundwater monitoring reports. Review current progress and meet with Federal agency to discuss the details and progress of the project. Technical Review Meetings to discuss the contents of the quarterly report and to determine if additional work is required. Conduct one (1) site visit		

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager Robert Reeves /s/

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DoD Project Manager Peter Broderick /s/

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Date: _____

Phone # _____

Date: 3 March 2003

Phone # (916) 255-3051

Date: 19 December 2001

Phone # (916) 557-7430

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Marine Corps Mountain Warfare Training Center
 Funding Source DERA
 Service Branch Navy
 DTSC Site# 100244
 RB# 6 RB PCA# 166-58 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003			
Milestones	Tasks	Status	California DSMOA Services	Status
UST INVEST RPT/CAP	Closure Plan/Postclosure Maintenance Plan for Sites 3 and 7 (final)	2	Review, Comment, and Approve	2
UST-RWQCB Only	Semiannual Corrective Action Operations Reports for Unit** and UST 7007	1	Review, Comment, and Approve	1
UST-RWQCB Only	Quarterly Corrective Action Operations Report for Site 4	1	Review, Comment, and Approve	1
UST-RWQCB Only	Semiannual Groundwater Monitoring Report for Site 5	1	Review, Comment, and Approve	1
UST INVEST RPT/CAP	Corrective Action Plan for Site 5 (draft and final)	2	Review, Comment, and Approve	2
Program Management	Quarterly RPM teleconferences, meetings	1	Participate in meetings at the facility and by teleconference	1
Remedial Action	Implement Remedial Action at Site 3 (institutional controls)	2		2
Remedial Action	2001 Annual groundwater monitoring, sampling, and analysis summary report includes all Sites	2	Review, Comment, and Approve	2
Remedial Action	2002 Semiannual groundwater monitoring, sampling, and analysis summary reports includes all Sites	2	Review, Comment, and Approve	2
Remedial Action	Site Closure Request Documents for Site 5	3	Review, Comment, and Approve	3
Remedial Action	2002 Annual groundwater monitoring, sampling, and analysis summary report includes all Sites	2	Review, Comment, and Approve	2

**** Upper Base Camp (UBC) Unit consists of Sites 2, 6, and UST 1021**

YEAR 2	July 1, 2003 to June 30, 2004			
Milestones	Tasks	Status	California DSMOA Services	Status
UST-RWQCB Only	Semiannual Corrective Action Operations Reports for Unit** and UST 7007		Review, Comment, and Approve	
UST-RWQCB Only	Quarterly Corrective Action Operations Report for Site 4		Review, Comment, and Approve	
Program Management	Quarterly RPM teleconferences, meetings		Participate in meetings at the facility and by teleconference	
Remedial Action	Semiannual groundwater monitoring, sampling, and analysis reports includes all Sites		Review, Comment, and Approve	
Remedial Action	2003 Annual groundwater monitoring, sampling, and analysis summary reports includes all Sites		Review, Comment, and Approve	

**** Upper Base Camp (UBC) Unit consists of Sites 2, 6, and UST 1021**

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, will finish in Year 1; [4] Delayed, will finish in Year 2; [5] Delayed, carryover to Out-Years; and [6] Tasks will not be performed.

Bridgeport_E.doc

DTSC Project Manager

E-mail

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Tamerle Lundquist

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Date:

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Date:

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Date:

Phone #

530/ 542-5420

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation George Air Force Base – Reuse Activities
 Funding Source BRAC
 Service Branch Air Force
 DTSC Site# 400071
 RB# 6 RB PCA# 16661 Lead Water Board

Requirement

1. CA-E Submittal
2. 12/31/02 Status
3. Annual Funding Review
4. 6/30/03 Status
5. 12/31/03 Status
6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Site Investigation Report	Dieldrin – Phase I Groundwater and Soil Investigation Report	2		Review, comment and approve	2	
Report	Well Destruction Workplan	2		Review, comment and approve	2	
Report	Well Destruction Report	1		Review, comment and approve	1	
Work Plan	Original and 2 nd Skeet Ranges Characterization Work Plan	2		Review, comment and approve	2	
Closure Plan	Skeet Range Closure Plan	2		Review, comment and approve	2	
EE/CA	Original and 2 nd Skeet Ranges EE/CA	2		Review, comment and approve	2	
Closure Report	Original and 2 nd Skeet Range Closure Report	1		Review, comment and approve	1	
FOST/SEBS	Subparcel D-5b (Cal/Nev Parcel)	2		Review, comment and approve	2	
	RPM Meetings	1		Attend and comment	1	
	Status reports to Regional Water Quality Control Board	N/a		Oral or Written	1	
	AFRPA Program Peer Review	2		Participate	2	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Work Plan	EOD Range Soil Investigation Work Plan			Review, comment and approve		
Work Plan	Basewide EBS Data Gap Investigation Work Plan			Review, comment and approve		
Closure Report	EOD Range Soil Investigation Closure Report			Review, comment and approve		
Closure Report	Basewide EBS Data Gap Investigation Report			Review, comment and approve		
	RPM meetings			Attend and comment		
	Status reports to Regional Water Quality Control Board			Oral or Written		
	AFRPA Program Review			Participate		

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager Jehiel W. Cass /s/E-mail jcass@rb6v.swrcb.ca.govDoD Project Manager Tony Wong /s/E-mail tong.wong@afropa.pentagon.af.mil

Date: _____

Phone # _____

Date: 02/21/02: 12/13/02Phone # 760-241-2434Date: 12/18/01Phone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation George Air Force Base – Operable Unit Three
 Funding Source BRAC
 Service Branch Air Force
 DTSC Site# 400071
 RB# 6 RB PCA# 16661 Lead Water Board

Requirement

7. CA-E Submittal
 8. 12/31/02 Status
 9. Annual Funding Review
 10. 6/30/03 Status
 11. 12/31/03 Status
 12. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003		
Milestones	Tasks	Status	California DSMOA Services	Status
Report	Annual 2001 BWGWM Report (applies to all OUs)	2	Review, comment and approve	2
Report	Annual 2002 BWGWM Report (applies to all OUs)	1	Review, comment and approve	1
Report	Long-Term Maintenance and Monitoring Plan – OU3 Landfills	2	Review, comment and approve	1
WQPS Report	Water Quality Protection Standards (WQPS) – OU3 SEDA Landfill	2	Review, comment and approve	1
Report	Site OT-69 Phase I TCE Investigation Report	1	Review, comment and approve	1
Report	Site OT-51 Vapor Point Installation Post Construction Report	1	Review, comment and approve	1
SAP	OT-69 Phase II TCE Investigation SAP Addendum	1	Review, comment and approve	1
ESD for ROD	Site OT-51 Explanation of Significant Differences (ESD)	2	Review, comment and approve	2
ESD for ROD	Site FT-19b and LF-35 ESD	1	Review, comment and approve	1
Report	Site OT-51 Start-up Report	2	Review, comment and approve	2
Report	Semi-Annual Remedial Action for Sites WP-17, FT-19a, FY-19c, OT-51 and Landfills DP-03, DP-04, LF-12, LF-14 and SEDA Report	1	Review, comment and approve	1
SAP	Sampling and Analysis Plan Addendum, Background and Compliance Well Installation for OU 3 Landfills DP-03, LF-12 and LF-14 Field Oversight	1	Review, comment and approve Conduct	1 1

YEAR 2		July 1, 2003 to June 30, 2004		
Milestones	Tasks	Status	California DSMOA Services	Status
Report	Annual 2002 BWGWM Report (applies to all OUs)		Review, comment and approve	
Report	Annual 2003 BWGWM Report (applies to all OUs)		Review, comment and approve	
Work Plan	Site WP-17 Additional Bioventing Investigation Well Installation Work Plan		Review, comment and approve	
Work Plan	Site OT-69 Phase II Site Investigation Work Plan		Review, comment and approve	
Report	Semi-Annual Remedial Action for Sites WP-17, FT-19a, FY-19c, OT-51 and Landfills DP-03, DP-04, LF-12, LF-14 and SEDA		Review, comment and approve	
Report	Background and Compliance Well Installation for OU 3 Landfills DP-03, LF-12 and LF-14 Report Status review meetings Field Oversight and Sampling Activities		Review, comment and approve Participate Conduct	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

GeorgeAFB_AppE.doc

DTSC Project Manager

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RWQCB Project Manager

Jehiel W. Cass /s/

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DoD Project Manager

Tony Wong /s/

E-mail

tong.wong@afropa.pentagon.af.mil

Date:

Phone #

Date: 02/21/02: 12/13/02

Phone # 760-241-2434

Date: 12/18/01

Phone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation George Air Force Base – Operable Unit Two
 Funding Source BRAC
 Service Branch Air Force
 DTSC Site# 400071
 RB# 6 RB PCA# 16661 Lead Water Board

Requirement

13. CA-E Submittal
 14. 12/31/02 Status
 15. Annual Funding Review
 16. 6/30/03 Status
 17. 12/31/03 Status
 18. 6/30/04 Status

CA Period 1 JUL 02 – 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003		
Milestones	Tasks	Status	California DSMOA Services	Status
Report	Extraction Well Installation Report	1	Review, comment and approve	1
Work Plan	Work Plan - H2O2 Treatment for Biofouled Wells	2	Review, comment and approve	2
Report	Semi-Annual OU-2 SVE IRA Process Report	1	Review, comment and approve	1
Report	Free-Product Recovery System ITIRs	1	Review	1
Work Plan	ST-58 SVE System Design and Installation Plan	2	Review, comment and approve	2
Work Plan	OU2 SVE IRA System Design and Installation Plan	2	Review, comment and approve	1
FS	OU 2 Feasibility Study	1	Review, comment and approve	1
	Field Oversight and Sampling Activities	1	Participate	1
	Status review meetings	1	Participate	1

YEAR 2		July 1, 2003 to June 30, 2004		
Milestones	Tasks	Status	California DSMOA Services	Status
SAP	Sites ST-54 and ST-57 Source Area Site Investigation, Sampling and Analysis Plan Addendum		Review, comment and approve	
SAP	Site ST-67 Aboveground Storage Tank (AST Site Investigation, Sampling and Analysis Plan Addendum		Review, comment and approve	
Report	Free-Product Recovery System ITIRs		Review	
Report	OU 2 SVE IRA Process Report		Review, comment and approve	
FS	OU 2 Feasibility Study		Review, comment and approve	
Proposed Plan	OU 2 Proposed Plan		Review, comment and approve	
	Field Oversight and Sampling Activities		Participate	
	Status review meetings		Participate	

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager Jehiel W. Cass /s/E-mail jcass@rb6v.swrcb.ca.govDoD Project Manager Tony Wong /s/E-mail tony.wong@afropa.pentagon.af.mil

Date: _____

Phone # _____

Date: 02/21/02: 12/13/02Phone # 760-241-2434Date: 12/18/01Phone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation George Air Force Base – Operable Unit One
 Funding Source BRAC
 Service Branch Air Force
 DTSC Site# 400071
 RB# 6 RB PCA# 16661 Lead Water Board

Requirement

19. CA-E Submittal
 20. 12/31/02 Status
 21. Annual Funding Review
 22. 6/30/03 Status
 23. 12/31/03 Status
 24. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003		
Milestones	Tasks	Status	California DSMOA Services	Status
Report	Geological Conceptual Site Model – OU 1	2	Review, comment and approve	2
Report	Hydrogeological Site Conceptual Model	1	Review, comment and approve	1
Report	Phase IV Data Gaps Investigation Sampling and Analysis Plan Addendum	1	Review, comment and approve	1
Report	Revised Draft 5-Yr ROD Review Document	3	Review, comment and approve	3
Report	NZ-55 Conversion to Extraction Well Report	2	Review, comment and approve	2
Report	Tech Memo – Spills and Leaks Related to OU 1	2	Review, comment and approve	2
Report	Process Monitoring, , Third Quarter 2002, OU 1	1	Review and comment	1
SAP	Groundwater Extraction/Treatment System Report	1	Review, comment and approve	1
	Site CG-70 Source Area Site Investigation, Sampling and Analysis Plan Addendum	1	Review, comment and approve	1
	Status review meetings	1	Participate	1
	Field oversight and sampling activities	1	Participate	1

YEAR 2		July 1, 2003 to June 30, 2004		
Milestones	Tasks	Status	California DSMOA Services	Status
SAP	Site CG-70 Source Area Site Investigation, Sampling and Analysis Plan Addendum		Review, comment and approve	
SAP	Site CG-70, Alternate Discharge Point Work Plan		Review, comment and approve	
SAP	Site CG-70 Well Modifications, Work Plan		Review, comment and approve	
Report	Phase IV Data Gaps Investigation Report		Review, comment and approve	
Report	Process Monitoring, Fourth Quarter 2002, OU 1		Review and comment	
Report	Groundwater Extraction/Treatment System Report		Review and comment	
Report	Process Monitoring, First Quarter 2003, OU 1		Review and comment	
Report	Groundwater Extraction/Treatment System Report		Review and comment	
Report	5-Yr ROD Review Document		Review, comment and approve	
	Field Oversight and Sampling Activities		Participate	
	Status review meetings		Participate	
	OP&S Review		Review and comment	

DTSC Project Manager _____

Date: _____

E-mail _____

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RWQCB Project Manager Jehiel W. Cass /s/Date: 02/21/02: 12/13/02E-mail jcass@rb6v.swrcb.ca.govPhone # 760-241-2434DoD Project Manager Tony Wong /s/Date: 12/18/01E-mail tong.wong@afropa.pentagon.af.milPhone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Twenty Nine Palms MAGCC (MC Training Center)
 Funding Source DERA
 Service Branch Navy
 DTSC Site# 400159
 RB# 7 RB PCA# 16665 Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
RI	IR Site 6 RSE	2		Conduct technical reviews	2		
FS	IR Site 6 Risk Assessment Draft/Draft Final/ Final	2		Coordinate with other agencies Review and comment.	2		
RA	IR Site 6 Removal Action Prepare Draft EE/CA AM/RAP Conduct public notifications and review Address stakeholders concerns; finalize EE/CA RAP Conduct/Implement RAP	1		Conduct technical reviews, coordinate with other agencies Technical review and comment on CERCLA documents, public notification, and ads. Attend meetings, coordinate with other agencies. Conduct field oversight; Review and comment on work plan.	1		
UST closure report	Sites 57, 58, 59 (UST's 1400, 1420, and 1440) Draft/Draft Final/Final Provide location and monitoring information electronically for open/active UST's where a NFA letter has not been issued	1		Review and comment Review and concur with data	1		
UST Closure letters	Sites 31,32,36,39,52,54,55,61,62	1		Review letters for closure	1		
Program Management	Quarterly RPM Meetings	1		Attend RPM meetings Participate in conference calls Conduct field oversight	1		
RA	IR Site 7 Draft/Final	2		Review and comment for approval	2		
Program Management	Prioritize closure schedule per site mgmt. Plan	2		Coordinate plan with military and other agencies.	2		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
Site Closure Report	Sites 40,41,42,43,44,45,46,47 48,49,50,51 Provide locational and monitoring information electronically for all UST's where a NFA letter has not been issued. Draft/Draft Final/Final HHRA			Review, concur and comment. Review and comment			
RA	IR Site 5 Evaluate data and excavate "hotspots"			Review and comment			
Program Management	Quarterly RPM Meetings			Attend RPM meetings Participate in conference calls Conduct field oversight			
RA	Site 4 Removal Action			Conduct technical reviews			
SI	Site 24 Develop sampling and analysis plan			Review and comment			
Closure Report	Site 23 Submit site land use restriction			Review and comment			

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

Closure Letters	Sites 34, 36, 37, and 39 review updated HHRA			Review and comment		
RA	IR Site 2 System Close Out Report			Review and comment		

DTSC Project Manager	<u>/s/ Douglas Bautista</u>	Date:	<u>January 24, 2002</u>
E-mail	<u>Dbautist@dtsc.ca.gov</u>	Phone #	<u>(714) 484-5442</u>
RWQCB Project Manager	<u>/s/ David Virginia</u>	Date:	<u>January 24, 2002</u>
E-mail	<u>virgd@rb7.swrcb.ca.gov</u>	Phone #	<u>(760) 776-8973</u>
DoD Project Manager	<u>/s/ C. Lance Smith</u>	Date:	<u>January 24, 2002</u>
E-mail	<u>smithcl@efds.w.navy.mil</u>	Phone #	<u>(619) 532-2296</u>

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Joint Forces Training Base (Formerly LAAFRC)
 Funding Source ERA
 Service Branch ARMY National Guard
 DTSC Site# 400332
 RB
 # 8 RB PCA# 16982 Lead RB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Investigations/ Feasibility Studies	OU-3 Phase 1 Final Report	1		Review, Comment and Approve	1	
	Phase 2 Field Work	2		Site Visit	2	
	OU-3 Phase 2 Draft Report	1		Review, Comment and Approve	1	
	OU-1 Phase 2 Tech Memo	2		Review, Comment and Approve	2	
	OU-1 Phase 2B Field Work	2		Site Visit	2	
	OU-1 Phase 2b Draft Report	2		Review, Comment and Approve	2	
	OU-2 Phase 2 Tech Memo	2		Review, Comment and Approve	2	
	OU-2 Phase 2B Field Work	2		Site Visit	2	
	OU-2 Phase 2b Draft Report	1		Review, Comment and Approve	1	
Petroleum Sites RI/FS RPT/CAP	Phase 1 Draft Report	1		Review, Comment and Approve	1	
	Phase 1 Draft Final Report	1		Review, Comment and Approve	1	
	Phase 1 Final Report	1		Review, Comment and Approve	1	
	Phase 2 Field Work	1		Site Visit	1	
	Phase 2 Draft Report	1		Review, Comment and Approve	1	
Record of Decision /RAP	South Landfill Decision Document	2		Review, Comment and Approve, Sign Record of Decision	2	
Remedial Design	Fuel Farm Office System Pilot Study	2		Review, Comment and Approve	2	
	Fuel Farm Office System Construction	2		Site Visit	2	
Remedial Action	Building 35 Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	JP4 Tank Farm Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	JP4 Containment Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	CFR Area Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	Landfill Area Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	Fuel Farm Office Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	Building 9/Hanger 1 Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	Building 158 Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	
	Annual and Quarterly Groundwater Monitoring Reports	1		Review, Comment, Site Visit	1	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

UST Closure Report	Building 244 Closure Report	1	Review, Comment, Issue Closure Letter	1
	Building 27 Closure Report	1	Review, Comment, Issue Closure Letter	1
	Building 43 Closure Report	1	Review, Comment, Issue Closure Letter	1
	Building 25 Closure Report	1	Review, Comment, Issue Closure Letter	1
	Building 2 Closure Report	1	Review, Comment, Issue Closure Letter	1
	Building 37 Closure Report	1	Review, Comment, Issue Closure Letter	1
Program Management	11 RPM Meetings	1	Participate in Meetings at the Facility	1
	10 RPM Teleconferences	1	Participate in Meetings	1
Community Relations	4 RAB Meetings	1	Attend RAB Meetings and Participate as RAB members	1

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Investigation/ Feasibility Study	OU-3 Phase 2 Draft Final Tech Memo			Review, Comment, Approve		
	OU-1 Phase 2B Draft Tech Memo			Review, Comment, Approve		
	OU-1 Phase 2B Draft Final Tech Memo			Review, Comment, Approve		
	OU-2 Phase 2b Draft Tech Memo			Review, Comment, Approve		
	OU-2 Phase 2b Draft Final Tech Memo			Review, Comment, Approve		
	OU-1, OU-2, OU-3 Feasibility Study			Review, Comment, Approve		
	OU-1, OU-2, OU-3 RI/FS Final Report			Review, Comment, Approve		
Petroleum Sites RI/FS RPT/CAP	Phase 1 Draft Final Tech Memo			Review, Comment, Approve		
	Phase 1 Final Tech Memo			Review, Comment, Approve		
Remedial Design	JP4 Containment Phyto Barrier Installation			Site Visit, Review, Comment		
	Landfill System Relocation			Site Visit, Review, Comment		
	Fuel Farm Office System Upgrade			Site Visit, Review, Comment		
Remedial Action	Building 35 Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	JP4 Tank Farm Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	JP4 Containment Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	CFR Area Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Landfill Area Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Fuel Farm Office Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Building 9/Hanger 1 Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Building 158 Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Annual and Quarterly Groundwater Monitoring Reports			Review, Comment, Site Visit		
	Program Management	11 RPM Meetings			Participate in Meetings at the Facility	
	10 RPM Teleconferences			Participate in Meetings		

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

Community Relations	4 RAB Meetings			Attend RAB Meetings and Participate as RAB members		
---------------------	----------------	--	--	--	--	--

DTSC Project Manager	_____	Date:	_____
E-mail	_____	Phone #	_____
RWQCB Project Manager	/s/ John Broderick	Date:	11/26/01
E-mail	jbroderic@rb8.swrcb.gov	Phone #	(909) 782-4494
DoD Project Manager	/s/ Guy Romine	Date:	11/15/01
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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Camp Anza

Funding Source DERA

Service Branch FUDS

DTSC Site# 400509

RB# 8 RB PCA# 16983 Lead RWQCB

Requirement

1. CA-E Submittal
2. 12/31/02 Status
3. Annual Funding Review
4. 6/30/03 Status
5. 12/31/03 Status
6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Draft RI/FS	Field RI investigation and reports for C-9			Review and comment	2	
	Technical Review Meeting			Attend meeting	4	
Final RI/FS	Final RI/FS report site C-9			Site visit		
	Technical Review Meeting			Review and comment	2	
RI	Remedial Investigation Work Plan UST site B2 (Draft, Draft final)			Attend meeting	4	
				Review and comment	1	
	Remedial Investigation Report UST site B2 (Draft, Draft final)			Attend meeting		
				site visit		
	Remedial Investigation Work Plan UST Site B10 (Draft, Draft final)			Review and comment		1
				Attend meeting		
Remedial Investigation Report UST site B10 (Draft, Draft final)			site visit			
			Review and comment			
			Attend meeting			

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
PRP report	Define PRPs for site C2A			Review and comment		
Sampling Report	Ground Water Monitoring Begins for site C-9			Review and comment		
	Ground Water Monitoring at UST Site B2 and B10 Work Plan and Report.			Review and comment		

CampAnza_ AppE.doc

DTSC Project Manager

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Regional Board Lead

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Date: 12/20/01

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Date: 1/23/02

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation SAN DIEGO NAVAL TRAINING CENTER
 Funding Source BRAC
 Service Branch NAVY
 DTSC Site# _____
 RB# 9 RB PCA# 166-92 Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
<i>Site 12 Boat Channel</i>						
RI	Finalize Draft Remedial Investigation Report	1		<ul style="list-style-type: none"> • Review, comment and concur with RI report • Attend comment resolution meetings 	1	
FS	Prepare Feasibility Study document if necessary	3		<ul style="list-style-type: none"> • Review, comment and concur with FS • Attend comment resolution meetings 	3	
RAB	Community Relations	4		<ul style="list-style-type: none"> • Attend RAB meetings as necessary 	4	
OTHER	Project Management Meetings	1		<ul style="list-style-type: none"> • Attend project management meetings 	1	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
ROD	Prepare Record of Decision document			<ul style="list-style-type: none"> • Review, comment and concur with ROD • Attend comment resolution meetings 		
FOST	Prepare Finding of Suitability to Transfer document			<ul style="list-style-type: none"> • Review, comment and concur with FOST • Attend comment resolution meetings 		
PP	Prepare Proposed Plan			<ul style="list-style-type: none"> • Review, comment and approve PP • Attend comment resolution meetings 		
RAB	Community Relations			<ul style="list-style-type: none"> • Attend RAB meetings as necessary 		
OTHER	Project Management Meetings			<ul style="list-style-type: none"> • Attend project management meetings 		

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation San Diego Naval Training Center
 Funding Source DERA
 Service Branch Navy
 DTSC Site# 400922
 RB# 9 RB PCA# 166-92 Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
UST Investigation/Closure	Provide electronic lab and locational data submittals to State Board for USTs eligible for ER,N funding	1		Review and provide comments as necessary.	4	
CAP	Complete Review of Draft/Final CAP UST C00003	3		Review, comment and approve of CAP, GWM Plan and RD	4	
CAP	Complete Review of GWM plan	3				
RD	Complete Review of Remedial Design	3				
Program Management	Conduct Progress Review Meetings/Site Visits (2)	3		Participate in project meetings and conduct site visits	4	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
UST Investigation/Closure	Provide electronic lab and locational data submittals to State Board for USTs eligible for ER,N funding			Review and provide comments as necessary.		
IMP	Implement Corrective Action Plan			Oversee CAP implementation		
IMP	Review Draft/Final GWM Reports (1)			Review, comment and concur with GWM Reports		
Program Management	Conduct Progress Review Meetings/Site Visits (2)			Participate in project meetings and conduct site visits		

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation San Diego Fleet Antisubmarine Warfare Training Center - PAC
 Funding Source ERN
 Service Branch NAVY
 DTSC Site# 400511
 RB# 09 RB PCA# 16682 Lead Regional Board

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
IR SITE 2							
WRK/PLN	Final Work Plan Addendum for IR Site 2	3		<ul style="list-style-type: none"> Technical review & comments Attend Meetings & Site visits Identify ARARs Coordinate with other State Agencies 	4		
SA/SI	Draft Site Investigation Report for IR Site 2	3		<ul style="list-style-type: none"> Technical review & comments Attend Meetings & Site visits Identify ARARs Coordinate with other State Agencies 	4		
SA/SI	Draft Site Investigation Report/Removal Action Work Plan for IR Site 5	1		<ul style="list-style-type: none"> Technical Review & comments Attend Meetings & Site Visits Identify ARARs Coordinate with other State Agencies 	1		
SA/SI	Final Site Investigation Report/Removal Action Work Plan for IR Site 5	3		<ul style="list-style-type: none"> Technical Review & comments Attend Meetings & Site Visits Identify ARARs Coordinate with other State Agencies 	4		
EE/CA	Draft EE/CA for IR Site 5	3		<ul style="list-style-type: none"> Technical Review & comments Attend Meetings & Site Visits Identify ARARs Coordinate with other State Agencies 	4		
EE/CA	Final EE/CA for IR Site 5	3		<ul style="list-style-type: none"> Technical Review & comments Attend Meetings & Site Visits Identify ARARs Coordinate with other State Agencies 	4		

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

Action Memo	Draft Action Memo for IR Site 5	3	<ul style="list-style-type: none"> • Technical Review & comments • Attend Meetings & Site Visits • Identify ARARs • Coordinate with other State Agencies 	4
Action Memo	Final Action Memo for IR Site 5	3	<ul style="list-style-type: none"> • Technical Review & comments • Attend Meetings & Site Visits • Identify ARARs • Coordinate with other State Agencies 	4
UST Closure Report	Submittal of UST 1 (Bldg 7) Electronic Data	3	Review, comment & approve	4
UST Closure Report	Submittal of UST 3 (POI 92) Electronic Data	3	Review, comment & approve	4
Program Management	Negotiation Meeting/Site Visit	2	<ul style="list-style-type: none"> • Review Work status • Report Work status 	2
EE/CA	Negotiation Meeting/Site Visit (1)	3	Attend meetings & site visits	4

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
SA/SI	Final Site Investigation Report IR Site 2			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits • Identify ARARs • Coordinate with other State Agencies 		
Program Management	Negotiation Meeting/Site Visit			<ul style="list-style-type: none"> • Review Work status • Report Work status 		

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Date: 1/10/03

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation San Diego Fleet Combat Training Center- PAC
 Funding Source ERN
 Service Branch Navy
 DTSC Site# 400500
 RB # 09 RB PCA# 16683 Lead Regional Board

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services		Jul Dec	Jan Jun
RUBBLE DISPOSAL SITE							
Program Management	Negotiation Meeting/Site Visit	2		• Review Work status	2		
				• Report Work status	2		
SA/SI	Draft Site Investigation Work Plan	2		• Technical review & comments	2		
				• Identify ARARs	2		
				• Coordinate with other State Agencies	2		
SA/SI	Final Site Investigation Work Plan	2		• Technical review & comments	2		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services		Jul Dec	Jan Jun
RUBBLE DISPOSAL SITE							
Program Management	Negotiation Meeting/Site Visit			• Attend Site Visit			
SA/SI	Draft Site Investigation Report			• Technical review & comments			
				• Coordinate with other State Agencies			
SA/SI	Final Site Investigation Report			• Technical review & comments			
				• Coordinate with other State Agencies			

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation San Diego Fleet and Industrial Supply Center
 Funding Source ERN
 Service Branch Navy
 DTSC Site# 400288
 RB# 09 RB PCA# 16691 Lead Regional Board

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Program Management	Negotiation Meeting/Site Visit	2		-Review Work status	2	
SA/SI	Draft Site Investigation Work Plan for IR Site 4	3		-Report Work status • Technical review & comments	4	
SA/SI	Final Site Investigation Work Plan for IR Site 4	3		•	4	
CAP	Draft Corrective Action Plan for IR site 19	2		• Technical review & comments • Attend Meetings & Site visits • Coordinate with other State Agencies	2	
CAP	Final Corrective Action Plan for IR site 19	2		• Technical review & comments • Attend Meetings & Site visits • Coordinate with other State Agencies	2	
RA	Draft Closure Report for IR Site 19	3			4	

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Program Management	Negotiation Meetings			Schedule & Milestones		
RA	Final Closure Report for IR Site 19					

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TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation San Diego Marine Corps Recruit Depot
 Funding Source DERA
 Service Branch Navy
 DTSC Site# 400494
 RB# 9 RB PCA# 166-84 Lead RWQCB

Requirement

1. CA-E Submittal
2. 12/31/02 Status
3. Annual Funding Review
4. 6/30/03 Status
5. 12/31/03 Status
6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
UST Investigation/Closure	Provide electronic lab and locational data submittals to State Board for USTs eligible for ER,N funding	1		Review and provide comments as necessary.	1	
CAP	Complete Review of Draft/Final CAP UST 000005	3		Review, comment and approve CAP	3	
CAP	Complete Review of GWM/soil gas work plan	3		Review, comment and approve work plan	3	
RD	Complete Review of Remedial Design	3		Review, comment and approve RD	4	
IMP	Implement Corrective Action	3		Oversee implementation of CAP	4	
Program Management	Conduct Progress Review Meetings/Site Visits (3)	3		Attend RPM meetings, conduct field visits	4	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
UST Investigation/Closure	Provide electronic lab and locational data submittals to State Board for USTs eligible for ER,N funding			Review and provide comments as necessary.		
IMP	Continue Corrective Action			Oversee implementation of CAP		
IMP	Review Draft/Final GWM/soil gas reports (1)			Review and comment on reports		
Program Management	Conduct Progress Review Meetings/Site Visits (3)			Attend RPM meetings, conduct field visits		

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation NAVAL COMPUTER AND TELECOMMUNICATION STATION
 Funding Source DERA
 Service Branch NAVY
 DTSC Site# 400513
 RB# 9 RB PCA# 166-86 Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
Workplan	Site 10 (Rubble Disposal Area) SI Workplan	2		Review and comment on SI work plan for confirmation sampling	2		
SA	Site 10 (Rubble Disposal Area)	2		Review Site Assessment Report	4		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation IMPERIAL BEACH NAVAL AUXILARY LANDING FIELD
 Funding Source DERA
 Service Branch Navy
 DTSC Site# 400080
 RB# 9 RB PCA# 166-77 Lead RWQCB

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
	No work is planned at this time due to low relative risk ranking				1	

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
	No work is planned at this time due to low relative risk ranking	4				

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation MCAS MIRAMAR
 Funding Source ER,N
 Service Branch NAVY
 DTSC Site#: 400097
 RB# 09 RB PCA# 16678 Lead Regional Board

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
IR Site 18						
Draft SA/SI Work Plan	Prepare Draft/Final SA/SI Work Plan UST 1	2		Conduct technical reviews -Attend comment resolution meetings - Site visit	2	
SA/SI	Draft Site Assessment Report UST 1	3		-Conduct technical reviews -Attend comment resolution meetings - Site visit	4	
SA/SI	Final Site Assessment Report UST 1	3		-Conduct technical reviews -Attend comment resolution meetings - Site visit	4	
Monitoring	Draft/Final Quarterly Ground Water Monitoring Report Spring 2002	2		-Conduct technical reviews -Attend comment resolution meetings	2	
Monitoring	Draft/Final Quarterly Ground Water Monitoring Reports Fall 2002	3		-Conduct technical reviews -Attend comment resolution meetings	4	
UST Investigation/ UST Closure	Provide location information electronically for monitoring wells associated with leaking UST cases	3		-Review/concur with location data	4	
Program Management	Negotiation Meetings	2		-Program Management	2	
Public Participation & Outreach	Public Outreach	3				
IR SITE 10						
SA/SI	Draft Site Inspection Report	3		-Conduct technical reviews -Attend comment resolution meetings - Site visit	4	
SA/SI	Final Site Inspection Report	3		-Conduct technical reviews -Attend comment resolution meetings - Site visit	4	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

MCAS Miramar_ AppE.doc					
Program Management	Negotiation Meetings	2		-Program Management	2
Public Participation & Outreach	Public Outreach	3			

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
IR SITE 18						
Monitoring	Draft Semi-annual Ground Water Monitoring Reports July to Dec 2003			-Conduct technical reviews -Attend comment resolution meetings		
Monitoring	Final Semi-annual Ground Water Monitoring Reports July to Dec 2003			-Conduct technical reviews -Attend comment resolution meetings		
Monitoring	Draft Semi-annual Ground Water Monitoring Reports Jan to July 2004			-Conduct technical reviews -Attend comment resolution meetings		
Monitoring	Final Semi-annual Ground Water Monitoring Reports Jan to July 2004			-Conduct technical reviews -Attend comment resolution meetings		
Program Management	Negotiation Meetings			-Program Management		

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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Search, Evade and Rescue (SERE) Camp
 Funding Source DERA/ERN
 Service Branch Navy
 DTSC Site# 400271
 RB# 9 RB PCA# 16697 Lead RB9

Requirement

- 1. CA-E Submittal
- 2. 12/31/02 Status
- 3. Annual Funding Review
- 4. 6/30/03 Status
- 5. 12/31/03 Status
- 6. 6/30/04 Status

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
RAW	Submit project specific work plans to RWQCB for maintenance work at least 30-days before work begins.	2		<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 	2		
OTHER	Submit annual revisions/updates to the Site Maintenance Plan if necessary.	2		<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 	2		
MONITORING	Quarterly inspection of the site by the Navy. Include results, observations and photographs in semi-annual reports to the RWQCB.	2		<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 	2		
OTHER	By April 30, submit to the RWQCB a Storm Water Pollution Prevention Plan (or updates) annually to the RWQCB for review.	2		<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings 	2		
MONITORING	By Oct. 30 and April 30, submit semi-annual groundwater monitoring reports to the RWQCB for review.	2		<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings 	2		
MONITORING	By April 30, submit annual groundwater monitoring report to the RWQCB for review. The annual report may include semi-annual report as appendix.	2		<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings 	4		

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun	
RAW	Submit project specific work plans to RWQCB for maintenance work at least 30-days before work begins.			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 			
OTHER	Submit revisions/updates to the Site Maintenance Plan if necessary.			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 			
MONITORING	Quarterly inspection of the site by the Navy. Include results, observations and photographs in semi-annual reports to the RWQCB.			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 			
MONITORING	By April 30, submit to the RWQCB a Storm Water Pollution Prevention Plan (or updates) annually to the RWQCB for review.			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings & Site visits 			

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

MONITORING	By Oct. 30 and April 30, submit semi-annual groundwater monitoring reports to the RWQCB for review.			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings 		
MONITORING	By April 30, submit annual groundwater monitoring report to the RWQCB for review. The annual report may include semi-annual report as appendix.			<ul style="list-style-type: none"> • Technical review & comments • Attend Meetings 		

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CALIFORNIA STATE WATER RESOURCES CONTROL BOARD SUCCESS STORIES

JULY 1 – DECEMBER 31, 2002
(Extracted from Semiannual Performance Reports)

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

CONCORD NAVAL WEAPONS STATION , (NAVY/DERA) – PCA NO. 16608

Pending Regional Board staff conditional approval, the Navy is planning to deploy advanced screening methodology (SCAP: Site Characterization and Analysis Penetrometer) at seven UST sites

MOFFETT FEDERAL AIRFIELD, (NAVY/BRAC I&II) – PCA NO. 16610

The Final ROD for Station-wide No Further Action Sites was signed by the Executive Officer on August 22, 2002.

TRAVIS AIR FORCE BASE, (AIR FORCE/DERA) – PCA NO. 16619

The formal dispute for the WABOU Soil ROD was resolved and the ROD was signed by all parties (Regional Board, EPA, DTSC, and the Air Force). Soil removal began at two WABOU sites. The final remedial action/remedial design was completed for the Phase I Corrective Action Management Unit (CAMU) Landfill that will be used for WABOU soil disposal. Construction of the Phase I CAMU is nearly completed. Negotiations for the draft NEWIOU ROD continue. Twelve USTs were closed throughout the base.

HAMILTON ARMY AIRFIELD, (ARMY/BRAC I&II) – PCA NO. 16635

Issues regarding petroleum closures at Outparcel A-4 were successfully addressed. The Army has completed the FOST for transfer of this parcel.

HAMILTON NOVATO DoD HOUSING, (NAVY/BRAC III) – PCA NO. 16922

Installation of a ground water remediation (i.e., biosparging) was completed in August 2002 and the system has run continuously since September 2002. Early ground water sampling results are encouraging and show reductions in MTBE ground water concentrations in vicinity of the system.

GOLDEN GATE NATIONAL RECREATION AREA , (FUDS/DERA) – PCA NO. 16925

Regional Board staff has consented with the USACE to provide No Further Action at UST Site Hill 640 in Sausalito (Marin County, CA).

CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD

FORMER FT. ORD ARMY BASE/PRESIDIO OF MONTEREY ANNEX, (ARMY/BRAC I&II) - PCA NO. 16622

The last open portion of the landfill received final cover in December 2002.

The strategy to minimally increase vinyl chloride discharge levels, yet maintain them below MCLs, proved effective. This increased the overall contaminant mass removal at Sites 2/12.

FORT HUNTER LIGGETT, (ARMY/DERA) -PCA NO. 16624

Cost savings have been possible because of a highly effective working relationship with the facility representatives and because of the high quality of the work performed by the Army's consultant, which has expedited the document review process.

Landfill Closure – The facility's aggressive pursuit of funding and effective management of closure activities have pushed this project ahead of schedule.

Landfill Ground Water Investigation – Injection of hydrogen has significantly increased the rate of TCE and DCE degradation.

Building 194 Site – The facility has implemented an innovative and cost-effective remedy, hydrogen peroxide injection to enhance reductive dechlorination of VOCs, which appears to be capable of significantly reducing the length of time required for cleanup.

VANDENBERG AFB, (AIR FORCE/DERA) - PCA NO. 16626

At Underground Storage Tank Site 20, 47,000 gallons of petroleum-contaminated ground water were extracted and treated, 1,600 pounds of hydrocarbons were removed from extracted vapor, and six pounds of hydrocarbons were removed from extracted ground water. Seven underground storage tank sites and ten areas of concern were closed. In addition, monitoring results from the Permeable Reactive Barrier System installed perpendicular to the Site 60 methyl tertiary-butyl ether ground water plume is showing significant declines in the levels of MTBE contamination. Also, the Site 20 Erosion Mitigation Project at an old landfill/drum disposal site/ordnance disposal area was completed prior to the rainy season. During Site 20 project construction, over 1,600 pieces of ordnance were removed and properly disposed, and over 375,000 pounds of metal debris were removed and recycled.

LOMPOC BRANCH U.S. DISCIPLINARY BARRACKS, (ARMY/BRAC IV) - PCA NO. 16930

The team building session conducted in August 2002 has greatly enhanced the communications and performance of the BRAC Cleanup Team. The USEPA has been particularly helpful in purposing and assisting in the application of Time Critical Removal Actions to expedite the cleanup and to minimize the field efforts impact on prison security.

LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

NAVAL BASE VENTURA COUNTY, POINT MUGU, (NAVY/DERA) – PCA NO. 16632

The TMDL for the watershed draining through the base was approved by the Regional Board in October 2002 and is scheduled for State Board review in March.

NAVAL BASE VENTURA COUNTY, PORT HUENEME, (NAVY/DERA) – PCA NO. 16633

The containment and control system for the MTBE plume continues to operate properly. The biobarrier, nearer the source area is believed to have resulted in significant MTBE destruction.

DFSP NORWALK, (DESC/DERA) – PCA NO. 16638

Since July 2002, a total of 4,270 gallons of equivalent fuel was removed from soil and destroyed by thermal oxidation.

OXNARD AIR FORCE BASE (CAMARILLO), (FUDS/DERA) – PCA NO. 16943

GoreSorbers were successfully used to delineate VOCs in soil.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

LEMOORE NAS, (NAVY/DERA) – PCA NO. 16644

Overcoming the emulsified fuel problems that had hampered the remediation efforts at Site 17. The jet fuel emulsification problem was resolved using diffused air filtration (DAF).

STOCKTON NCTS, (NAVY/DERA) - PCA NO. 16645

The Regional Board, acting as the lead agency for petroleum sites, issued a No Further Action status for Building 1316B UST Site.

MATHER AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16647

The State concurred with formal closure for Former Oil Water Separator Facilities Site 56 and Site 60.

MCCLELLAN AIR FORCE BASE, (AIR FORCE/BRAC IV) - PCA NO. 16648

To-date, fourteen operating SVE systems have removed over 1.08 million pounds of contamination.

Completion of Final Action Memorandum for Ground Water Treatment Plant Hexavalent Chromium Discharges (Time-Critical Removal Action).

Completion of Final No Action Proposed Plan (6 Sites).

CASTLE AIR FORCE BASE, (AIR FORCE/BRAC I&II) - PCA NO. 16649

The Source Control Operable Unit (SCOU) Record of Decision -Part 1 has been finalized. This ROD contains No Further Action determinations for 140 sites, representing approximately five (5) percent of the outstanding open sites nationwide at closing Air Force bases.

TRACY DDRW, (DLA/DERA) – PCA NO. 16651

For the first time since Treatment Plant 2 was brought online in 1998, DDJC-Tracy has both treatment plants operating near their design capacities. The communication problems with the extraction wells were fixed and several improvements to the injection galleries have resulted in increased disposal capacity. DDJC-Tracy can now determine the degree of hydraulic control their existing extraction/treatment system can provide when operating near design capacities and assess whether additional improvements are needed.

TITAN MISSILE SITE 1-B, (SUTTER BUTTES), (FUDS/DERA) – PCA NO. 16955

Sprinklers placed on surface soils during the removal action discharged approximately 175,000 gallons of water without erosion or runoff into drainages, at a considerable cost savings to taxpayers when compared to offsite treatment and disposal.

EAGLE FIELD, (FUDS/DERA) – PCA 16978

Successful completion of the field work for the Site-wide Site Investigation.

LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

SIERRA ARMY DEPOT, (ARMY/DERA) - PCA NO. 16655

Confirmation soil borings showed that bio-venting treatment at the Diesel Spill Area lowered in-situ concentrations to below cleanup levels, allowing closure for this site. Building 210 area TCE plume pilot studies show ongoing success, the reformulated HRC, biodegradation pilot study reported a transitory reduction in TCE concentration.

MCLB-BARSTOW, (NAVY/DERA) - PCA NO. 16657

Additional deeper extraction wells along with additional carbon vessels are important pump-and-treat-additions. Pilot test results for the Site CAOC 6 air sparging/SVE system indicate success and this system should be expanded.

BRIDGEPORT MCMWTC, (NAVY/DERA) - PCA NO. 16658

Regional Board staff concurred with the Navy's request to suspend site monitoring activities at IR Site 5 after receiving data which show the site has met the established ground water cleanup goal for four consecutive quarters.

CHINA LAKE NAVAL AIR WEAPONS STATION, (NAVY/DERA) – PCA CODE NO. 16659

Delineating hydrogeology and determining flow directions, to predict contaminant movement and to determine site prioritization, has been completed in most areas.

EDWARDS AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16660

Remedial Investigations and actions have been completed for OU-3 this year. Also, treatability studies for perchlorate are ongoing, with promising preliminary results. EAFB is the only base nationwide to be funded for perchlorate remedial methods testing.

GEORGE AIR FORCE BASE, (AIR FORCE/BRAC I&II) - PCA NO. 16661

Technology successes include 1) free-product JP-4 jet fuel skimming, 2) lead shot removal in soil from the skeet ranges, and 3) continued expansion of soil vapor extraction systems.

AIR FORCE PLANT #42, (AIR FORCE/DERA) - PCA NO. 16662

Eight UST cases were closed.

COLORADO RIVER BASIN REGIONAL WATER QUALITY CONTROL BOARD

NAVAL AIR FACILITY EL CENTRO, (NAVY/DERA) - PCA NO. 16664

An intensive site investigation was completed at IR Site 2, Patrol Road Landfill.

MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS, (NAVY/DERA) – PCA NO. 16665

Extensive investigation and negotiation with all parties resulted in a removal action scheduled for early 2003 to remove PCB contaminated soil at IR Site 6.

SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD

EL TORO MCAS, (NAVY/BRAC III) - PCA NO. 16668

The Regional Board concurred with the “No Further Action” designation on SWMU 204, LOCs MSC JP5 pipeline closure and abandonment, AST Site 47, and AST Site 315.

TUSTIN MCAF, (NAVY/BRAC I&II) - PCA NO. 16670

The Regional Board issued a Case Closure Letter for UST Site 105A-F and a determination of ‘No Further Action’ Letter for AST Site 194A & B. The Regional Board concurred with a ‘No Further Action’ for Sites 4 and 5, Mooring Pads, and with the Operations & Maintenance Plan and LUCICP for OU-3 Moffett Trenches and Crash Crew Burn Pit Site.

NORTON AIR FORCE BASE, (AIR FORCE/BRRAC I&II) - PCA NO. 16671

This Air Force program is mature and all water quality related cleanups have been completed. Two pump-and-treat ground water systems are in standby with remedial actions completed. The landfill has been closed and landfill gas removal and monitoring activities continue in accordance with the O&M Plan.

JOINT FORCES TRAINING BASE, LOS ALAMITOS (formerly Armed Forces Reserve Center), (ARMY/DERA) - PCA NO. 16982

The Regional Board signed the Decision Document for ‘No Further Action’ at the South Landfill site.

CAMP ANZA, (FUDS/DERA) - PCA NO. 16983

The Regional Board issued Site Closure Letter for UST Site C9 located on private property in Riverside, CA.

SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD

MARINE CORPS BASE, CAMP PENDLETON, (NAVY/DERA) - PCA NO. 16675

Closure of four underground storage tank sites.

NAVAL AIR STATION, NORTH ISLAND (NASNI), (NAVY/DERA) - PCA NO. 16680

Continuous, aggressive free-product removal action at the fuel farm has shown an effect in controlling the migration of petroleum free-products toward the San Diego Bay. The size of the free-product plume and the fuel saturation levels in the soil continue to decrease from previous measurements. Fuel recovered = 12,058 gallons. Ground water treated = 5,120,238 gallons. Total fuel recovered for 2002 = 33,110 gallons.

PT. LOMA NAVAL COMPLEX SPAWAR-PLC, (NAVY/DERA) – PCA NO. 16685

The Regional Board issued a 'No Further Action' Letter on SPAWAR Site 21 in October 2002.

NAVAL STATION, SAN DIEGO (NAVSTA), (NAVY/DERA) - PCA NO. 16689

The Navy issued the Proposed Plan regarding 'No Further Action' at Sites 5, 7, 11, and 12 for public review in September 2002.