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PROGRAM MANAGEMENT OFFICE WEST
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Ser BPMOW.som/0645
JUN 13 2011

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(Two copies)

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Mr. John Broderick
California Regional Water Quality Control Board
California Tower
3737 Main Street, Suite 500
Riverside, CA 92501-3348

Dear Base Realignment and Closure (BRAC) Cleanup Team (BCT) Members:

SUBJECT: FINAL REMEDIAL ACTION COMPLETION REPORT
MISCELLANEOUS MAJOR SPILL (MMS)-04, OPERABLE UNIT 4B
FORMER MARINE CORPS AIR STATION TUSTIN, CALIFORNIA

We are pleased to transmit a final copy of the subject document, for your use (enclosure 1). The purpose of this Final Remedial Action Completion Report is to document that the remedial action objectives (RAOs) pertaining to Miscellaneous Major Spill (MMS)-04, as specified in the Record of Decision (ROD), have been achieved, that residual concentrations of trichloroethene (TCE) in groundwater are below the remediation goals established for MMS-04, and that concentrations of TCE in shallow groundwater are protective of human health and the environment. The ultimate goal of this Report is to document that no additional response actions are required to protect human health and the environment at MMS-04.

Thank you for your continued support with this program. If you have any questions or require additional information, please contact Mr. Sean McGoey, Navy Technical Advisor, at (619) 532-0959.

Sincerely,

James T. Callian

JAMES T. CALLIAN
BRAC Environmental Coordinator
By direction of the Director

Ser BPMOW.som/0645
JUN 13 2011

Enclosure: 1. Final Remedial Action Completion Report, Miscellaneous Major Spill (MMS)-04, Operable Unit 4B, Former Marine Corps Air Station Tustin, California (June 2011)

Copy to: (w/encl)

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Mr. Don Zweifel
Restoration Advisory Board
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Fullerton, CA 92835

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Tustin, CA 92780

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Lennar Coastal Communities
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Aliso Viejo, CA 92656

FINAL
REMEDIAL ACTION COMPLETION REPORT MISCELLANEOUS MAJOR SPILL (MMS)-04

OPERABLE UNIT 4B
FORMER MARINE CORPS AIR STATION
TUSTIN, CALIFORNIA

ENVIRONMENTAL MULTIPLE AWARD CONTRACT
Contract Number N62473-09-D-2610
Contract Task Order 0003

DCN: ATJV-2610-0003-0011

Prepared for

Base Realignment and Closure
Program Management Office West
1455 Frazee Road, Suite 900
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Prepared by

AIS-TN&A Joint Venture
1502 East Opp Street
Wilmington, CA 90744

and

Brown and Caldwell
9665 Chesapeake Drive, Suite 201
San Diego, CA 92123

June 2011

FINAL
REMEDIAL ACTION COMPLETION REPORT
MISCELLANEOUS MAJOR SPILL (MMS)-04

OPERABLE UNIT 4B
FORMER MARINE CORPS AIR STATION
TUSTIN, CALIFORNIA

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STATE OF CALIFORNIA
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PG 5536
PROFESSIONAL GEOLOGIST

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Figure 1 Operable Unit 4B Sites and Existing Boundaries
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APPENDIX

Appendix A Regulatory Agency Partner Concurrence Letters

Acronyms and Abbreviations

AIS-TN&A JV	AIS-TN & Associates Joint Venture
AR	Administrative Record
bgs	Below ground surface
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CO	Carve out
COC	Chemical of concern
DoD	Department of Defense
DTSC	(California) Department of Toxic Substances Control
IC	Institutional Control
IRP	Installation Restoration Program
µg/L	Micrograms per liter
MCAS	Marine Corps Air Station
MCL	Maximum Contaminant Level
MMS	Miscellaneous Major Spill
MPA	Mingled Plumes Area
NFA	No further action
NPL	National Priority List
OU	Operable Unit
Plan	Community Relations Plan
PP	Proposed Plan
RAB	Restoration Advisory Board
RACR	Remedial Action Completion Report
RG	Remediation goal
RAO	Remedial action objective
RAP	Remedial Action Plan
ROD	Record of Decision
TCE	Trichloroethene
TOW	Oil/water separator
U.S. EPA	United States Environmental Protection Agency
UST	Underground storage tank
RWQCB	(California) Regional Water Quality Control Board, Santa Ana Region

1.0 OVERVIEW

This Remedial Action Completion Report (RACR) has been prepared to document the closeout of Miscellaneous Major Spill (MMS)-04 Area B (hereinafter referred to as MMS-04) within Operable Unit (OU)-4B, at Former Marine Corps Air Station (MCAS) Tustin, located in Tustin, Orange County, California (Figure 1). The facility was formally closed in 1999 under the Base Realignment and Closure (BRAC) Act. Environmental work, cleanup, and closure decisions at Former MCAS Tustin have been conducted by the Department of Defense (DoD) in partnership with the United States Environmental Protection Agency (U.S. EPA), the California Department of Toxic Substances Control (DTSC), and the California Regional Water Quality Control Board, Santa Ana Region (RWQCB).

This RACR documents that the response action at MMS-04 is complete and no further action is required for groundwater because:

- The conditions of the Final Record of Decision/Remedial Action Plan (ROD/RAP) have been met;
- Remedial action objectives (RAOs) for groundwater have been achieved;
- Concentrations of trichloroethene (TCE) (the chemical of concern) in groundwater are below the remediation goal established for MMS-04; and
- The site is protective of human health and the environment.
- Soil at MMS-04 was previously determined to require no further action (NFA), as documented in the Final ROD/RAP.

1.1 PURPOSE AND SCOPE

A RACR is a key site closeout document whose purpose is to help structure and streamline the site closeout process under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The DoD's Installation Restoration Program (IRP) follows CERCLA. The purpose of this RACR is to document that the remedy selected for MMS-04 in the Final ROD/RAP has been completed and that all RAOs have been met.

The selected groundwater remedy for MMS-04, Institutional Controls (ICs), is protective of human health and the environment; complies with federal and state statutes and regulations that are applicable or relevant and appropriate to the remedial action; and is cost effective (Department of the Navy [DON] 2010). Periodic groundwater monitoring will be performed to ensure protectiveness, of the ICs, evaluate the necessity of continued ICs, and to document the reduction of TCE concentrations in groundwater.

The documents relied upon in preparing this RACR include the following (full citations are provided in Section 8.0, References):

- Draft 2010 Annual Groundwater Monitoring at Operable Unit 4B (Trevet, January 2011)
- Final Second Quarter 2010 Data Summary Report, Operable Unit 4B (Jonas and Associates, November 2010)
- Final 2009 Annual Groundwater Monitoring Report, Operable Unit 4B (Jonas and Associates, October 2010)
- Final First Quarter 2010 Data Summary Report for Groundwater Monitoring, Operable Unit 4B (Jonas and Associates, October 2010)

- Final Pre-Remedial Design Pilot Study Work Plan (AIS-TN&A JV, July 2010)
- Final Third Quarter 2009 Data Summary Report, Groundwater Monitoring, Operable Unit 4B (Jonas and Associates, January 2010)
- Restoration Advisory Board Meeting Minutes (BRAC, 2010)
- Final ROD/RAP for OU-4B (BRAC, January 2010)
- Final Work Plan for Groundwater Monitoring, OU-4B (Brown and Caldwell and Jonas and Associates, May 2009)
- Proposed Plan/Draft Remedial Action Plan (BRAC, February 2009)
- Department of Defense and Environmental Protection Agency Joint Guidance, Recommended Streamlined Site Closeout and NPL (National Priority List) Deletion Process for DoD Facilities (DoD and EPA, August 2006)

Although Former MCAS Tustin is not on the NPL, the DoD/EPA joint guidance is appropriate for non-NPL sites.

1.2 OPERABLE UNIT 4B AND MMS-04

OU-4B consists of six IRP sites located in various parts of Former MCAS Tustin (Figure 1). While much of the base was transferred to the City of Tustin in 2002, several areas have been retained by the Navy as “carve-out” (CO) areas, where environmental responses are underway (DON 2010).

Trichloroethene is a chemical of concern (COC) at all six OU-4B sites, including MMS-04. The Navy and its Regulatory Agency partners determined that soil at the six IRP sites required NFA, while groundwater was determined to require further action (DON 2010). Cleanup alternatives for addressing COCs in OU-4B groundwater were presented in the Proposed Plan/Draft Remedial Action Plan (BRAC 2009a), and their selection documented in the Final ROD/RAP (DON 2010).

Three of the OU-4B sites are considered moderate concentration sites (IRP-5S[a], IRP-6, and the Mingled Plumes Area [MPA]) and three are considered low concentration sites (IRP-11, IRP-13W, and MMS-04). MMS-04 is one of the three low-concentration sites where TCE in groundwater is reported at concentrations generally less than 20 micrograms per liter (µg/L), generally ranging from 7.4 to 16 µg/L. However, TCE concentrations at MMS-04 have been reported well below 7.4 µg/L, generally ranging from 0.47 µg to 2.0 µg/L (see Subsection 1.3 and Table 1). MMS-04 is identified as the Auto Hobby Shop and is located in the northwestern portion of Former MCAS Tustin (Figure 1), where it was used by base personnel for vehicle maintenance (DON 2010).

MMS-04 is located within CO-5 and has been leased to the City of Tustin under a Lease in Furtherance of Conveyance. The area will be conveyed by deed in the future. According to the City of Tustin Specific Plan/Reuse Plan, as amended (City of Tustin 2010), the area is designated for reuse as a sheriff’s law-enforcement training facility (DON 2010).

1.3 PREVIOUS FINDINGS AND CONCLUSIONS

MMS-04 consists of Area B, the former site of a concrete waste oil underground storage tank (UST) that received waste solvents, crankcase oil, and transmission and brake fluids conveyed

from the shop through floor drains; and oil/water separator (TOW) -18-2, an adjacent oil/water separator (Figure 2). Periodic over-flows from the Area B UST occurred during its operation from 1969 to 1983. An estimated 50 gallons of waste oil was released at the site. Contaminated soil surrounding the UST may have been excavated in 1983, during or after tank removal (Brown and Caldwell and Jonas and Associates 2009; AIS-TN&A 2010).

In 1996, a groundwater grab sample (HydroPunch™) was collected from shallow groundwater, from 8 to 30 feet below ground surface (bgs). TCE was reported at a concentration of 18 µg/L. Additional groundwater investigation was conducted at MMS-04 in 2003, and a second HydroPunch™ sample was collected from shallow groundwater. TCE was reported at a maximum concentration of 7.4 µg/L. The estimated extent of TCE reported in shallow groundwater at concentrations exceeding the California and federal maximum contaminant level (MCL) for TCE, which is 5 µg/L, was approximately 12 by 20 feet in size. The TCE mass in groundwater was estimated at approximately 0.026 kilograms (DON 2010), or approximately 0.057 pounds.

Groundwater modeling indicated that the concentration of TCE would decrease from 7.4 µg/L to below the MCL of 5 µg/L within approximately five years under both baseline and natural attenuation scenarios. Furthermore, MMS-04 is in close proximity to OU-1A; groundwater would be completely captured by the OU-1A operating hydraulic containment system, and would remain entirely within areas of ICs established for OU-1A (DON 2010) (Figure 2).

2.0 RECORD OF DECISION FOR MMS-04

The Regulatory Agency concurred-upon Final ROD/RAP for OU-4B documents that further action was recommended for MMS-04 groundwater in the form of ICs and periodic groundwater monitoring to ensure protectiveness, evaluate the necessity of continued ICs, and to document the reduction of TCE to concentrations below the remedial goal (RG) of 5 µg/L (DON 2010). Soil at MMS-04 was determined to require NFA.

Section 2.3.1 of the Final ROD/RAP states that one monitoring well will be installed at MMS-04 and sampled for TCE for one year. If concentrations of TCE reported in this well do not exceed 5 µg/L, the site is to be recommended for NFA (DON 2010).

3.0 REMEDIAL ACTION OBJECTIVES FOR MMS-04

The RAOs established for groundwater at MMS-04 are to:

- Protect human health by limiting use of shallow groundwater containing COCs at concentrations exceeding health-protective levels.
- Reduce concentrations of COCs in shallow groundwater at areas of attainment for OU-4B sites to health-protective levels (DON 2010).

To achieve the RAOs, a numeric RG was established for TCE in groundwater at OU-4B. The RG is the state and federal MCL of 5 µg/L. Reported concentrations of TCE at or below this RG are within acceptable regulatory and health-protective levels, and therefore meet the RAOs cited above.

4.0 GROUNDWATER MONITORING RESULTS FOR MMS-04

In accordance with the Regulatory Agency concurred-upon Final ROD/RAP, one groundwater monitoring well was installed in shallow groundwater to determine whether concentrations of TCE exceeded the RG of 5 µg/L at MMS-04. Monitoring well MM4MW01S was installed on 21 July 2009. Details of monitoring well construction, monitoring, and analysis are provided in Jonas and Associates (2010b) and AIS-TN&A JV (2010).

In August 2009, in accordance with the concurred upon Work Plan (AIS-TN&A JV 2010), MM4MW01S was sampled for TCE prior to the third-quarter 2009 monitoring event. TCE was reported in groundwater at a concentration of 0.44 µg/L with a "J" qualifier, indicating an estimated concentration below the practical quantitation limit (i.e. reporting limit) but above the method detection limit (Jonas and Associates 2010b).

In accordance with the agreed-upon Work Plan (Brown and Caldwell and Jonas and Associates 2009), MMS4MW01S was sampled again on 08 September during the third quarter 2009 groundwater monitoring event. TCE in groundwater was reported at a concentration of 0.47J µg/L.

Subsequent quarterly monitoring was conducted at MM4MW01S in the last quarter of 2009 on 14 December, and in first three quarters of 2010 on 28 January, 29 April, and 02 August. The results of the four quarterly monitoring events report TCE concentrations ranging from 0.51 µg/L to 2.1 µg/L. The four required monitoring events have been conducted at MM4MW01S, in accordance with the concurred-upon Final ROD/RAP, and the reported results consistently are below the RG of 5 µg/L (AIS-TN&A 2010; Trevet 2011). Monitoring results are presented in Table 1.

Table 1. Summary of Quarterly TCE Monitoring Results from MM4MW01S

Sample Date	RG for TCE	Reported TCE Concentrations (µg/L)	Source
August 2009	5.0 µg/L	0.44J	Jonas and Assoc. 2010b
3rd Qtr Sept. 2009	5.0 µg/L	0.47J	Jonas and Assoc. 2010a
4th Qtr Dec. 2009	5.0 µg/L	0.51J	Jonas and Assoc. 2010c
1st Qtr Jan. 2010	5.0 µg/L	0.61J	Jonas and Assoc. 2010c
2nd Qtr Apr. 2010	5.0 µg/L	2.1	Trevet, Inc. 2011
3rd Qtr Aug.2010	5.0 µg/L	0.54J	Trevet, Inc. 2011

J = Estimated value (concentration below practical quantitation limit but above laboratory method detection limit)

5.0 DEMONSTRATION OF COMPLETION

In accordance with the concurred-upon Final ROD/RAP, the results of groundwater monitoring at MMS-04, as demonstrated through a minimum of four consecutive quarters of monitoring and analysis, show that TCE concentrations at MMS-04 do not exceed the RG of 5 µg/L and, therefore, RAOs have been achieved. In accordance with the Final ROD/RAP, MMS-04 is recommended for NFA.

6.0 ONGOING ACTIVITIES

Since the Final ROD/RAP requirements have been met and NFA is recommended for MMS-04, no activities are ongoing. No additional groundwater monitoring or CERCLA Five-Year Reviews are required.

7.0 COMMUNITY RELATIONS

7.1 PUBLIC OUTREACH ACTIVITIES

Public outreach activities discussed here are summarized from the Final ROD/RAP and from information contained in Restoration Advisory Board (RAB) meeting minutes.

A Community Relations Plan (Plan) was developed for Former MCAS Tustin that outlines the community involvement program. Through several updates, the Plan continues to address progress in the Former MCAS Tustin IRP and community concerns, and to remain consistent with regulatory guidelines.

Key documents and relevant information relied upon in the remedy selection process are available for public review in the Administrative Record (AR) file at BRAC Office Building 307 on Former MCAS El Toro (this location houses the AR Files for both Former MCAS Tustin and Former MCAS El Toro). An appointment to review AR File documents at Former MCAS El Toro may be obtained by contacting the Document Coordinator at (949) 859-6014.

In addition, the community can access key support documents that pertain to OU-4B and a complete index of all Former MCAS Tustin Administrative Record File documents at the local Information Repository. The Information Repository is located at the University of California at Irvine, Langston Library Government Publication Department, Irvine, California.

7.2 RESTORATION ADVISORY BOARD

Community participation is supplemented by the Restoration Advisory Board (RAB), a board of local citizens and government representatives involved in the IRP for Former MCAS Tustin. The RAB was formed in 1994 and has been continuously active ever since. RAB meetings address investigations and findings at the IRP sites on Former MCAS Tustin. RAB members are encouraged to review and provide comments on studies and investigation documents prepared for IRP sites. The RAB has been thoroughly briefed on all the IRP sites at Former MCAS Tustin, including OU-4B and its six IRP sites.

Following installation of monitoring well MM4MW01S, preliminary results of groundwater monitoring at MMS-04 were presented at the 09 September 2009 RAB meeting (BRAC 2009b). Updated information regarding MMS-04 monitoring results was presented to the public at the May 19, 2010 (BRAC 2010a), and December 1, 2010, RAB meetings (BRAC 2010b).

7.3 PROPOSED PLAN/DRAFT REMEDIAL ACTION PLAN FOR OU-4B

On February 04, 2009 the Navy released a Proposed Plan/Draft Remedial Action Plan (PP/Draft RAP) for OU-4B (BRAC 2009a), and on February 11, 2009 a public meeting was held to discuss

the Plan. The purpose of this Document was to fulfill public participation requirements of CERCLA Section 117(a), which specifies that the Lead Agency (Navy) must publish a plan outlining remedial alternatives evaluated for each site and identify the preferred alternative.

MMS-04 was presented in the PP/Draft RAP along with the other OU-4B IRP sites. The PP/Draft RAP proposed that a groundwater monitoring well would be installed at MMS-04 and one year of groundwater monitoring would be conducted. If concentrations of TCE did not exceed the RG of 5 µg/L, then after one year MMS-04 would be recommended for NFA.

A 30-day public comment period for the OU-4B PP/Draft RAP was held from February 04 through March 05, 2009. Written comments were accepted via mail, e-mail, and fax during the public review period. Public notices announcing the availability of the PP/Draft RAP and the public meeting (see Subsection 7.4, below) were placed in the *Orange County Register* and the *Los Angeles Times*, Orange County Edition, and posted on the BRAC web site (www.bracpmo.navy.mil).

7.4 PUBLIC MEETING

A public meeting was held on February 11, 2009 at the Tustin Senior Center, 200 South "C" Street, Tustin. The purpose of this public meeting was to provide information to the community on the PP/Draft RAP, and to provide the opportunity for formal public comment on the remedial alternatives presented in the PP/Draft RAP. Public notices were placed the *Orange County Register* and the *Los Angeles Times*, Orange County Edition, and posted on the BRAC website (www.bracpmo.navy.mil). A Responsiveness Summary was prepared for comments received during the public comment period and included in Final ROD/RAP (DON 2010).

8.0 CERTIFICATION STATEMENT

I hereby certify that all necessary actions have been taken at MMS-04. MMS-04 is hereby recommended for NFA because:

- The terms of the Final ROD/RAP have been met;
- The RAOs have been achieved;
- The concentrations of TCE, the COC in groundwater, are below the RG of 5 µg/L; established for MMS-04;
- The site is protective of human health; and
- Soil at MMS-04 was determined to require NFA.

Signed: James T. Callian Date 06/13/11

Title: James T. Callian
Base Realignment and Closure Environmental Coordinator
Base Realignment and Closure, Program Management Office West

9.0 REGULATORY AGENCY CONCURRENCE

Regulatory agency partners reviewed the draft version of this Remedial Action Completion Report during April and May 2011. The agencies, including the U.S. EPA, DTSC, and RWQCB, either provided no comments or offered concurrence with this document. Copies of these letters are provided in Appendix A.

10.0 REFERENCES

AIS-TN&A Joint Venture. 2010. Final Pre-Remedial Design Pilot Study Work Plan, Operable Unit 4B, Former Marine Corps Air Station, Tustin, California. 08 July.

Base Realignment and Closure. *See* BRAC.

BRAC. 2009a. Proposed Plan/Draft Remedial Action Plan for Remedial Action at Operable Unit 4B, Former Marine Corps Air Station Tustin. 04 February.

————. 2009b. Final RAB Meeting Minutes, 09 September. http://www.bracpmo.navy.mil/

————. 2010a. Final Meeting Minutes, Former MCAS Tustin Restoration Advisory Board (RAB). 19 May.

————. 2010b. Update on Operable Unit (OU)-4B Pilot Study. Presentation to the Former MCAS Tustin Restoration Advisory Board (RAB) by R. Lesher, AIS-TN&A, on 1 December.

Brown and Caldwell and Jonas and Associates, Inc. 2009. Final Work Plan for Groundwater Monitoring, Operable Unit 4B (IRP-5S(a), IRP-6, IRP-11, IRP-13W, MMS-04, and the Mingled Plumes Area), Former Marine Corps Air Station, Tustin, California. 29 May.

City of Tustin. 2010. MCAS Tustin Specific Plan/Reuse Plan. Originally adopted 31 October 1996; most recently amended by Specific Plan Amendment 10-001 on 16 March.

DoD and EPA. *See* Department of Defense and Environmental Protection Agency.

Department of Defense and Environmental Protection Agency. 2006. Joint Guidance, Recommended Streamlined Site Closeout and NPL Deletion Process for DoD Facilities. 08 August.

Department of the Navy. 2010. Final Record of Decision/Remedial Action Plan for Operable Unit 4B, former Marine Corps Air Station, Tustin, California. 15 January.

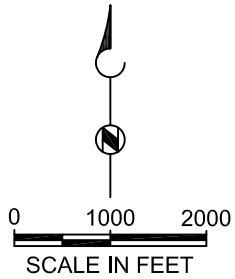
Jonas and Associates. 2010a. Final Third Quarter 2009 Data Summary Report, Groundwater Monitoring, Operable Unit 4B (IRP-5S[a], IRP-6, IRP-11, IRP 13W, MMS-04, and the Mingled Plumes Area), Former Marine Corps Air Station, Tustin, California. 29 January.

————. 2010b. Final 2009 Annual Groundwater Monitoring Report, Operable Unit 4B (IRP-5S[a], IRP-6, IRP-11, IRP 13W, MMS-04, and the Mingled Plumes Area), Former Marine Corps Air Station, Tustin, California. 12 October.

———. 2010c. Final First Quarter 2010 Data Summary Report, Groundwater Monitoring, Operable Unit 4B (IRP-5S[a], IRP-6, IRP-11, IRP-13W, MMS-04, and the Mingled Plumes Area), Former Marine Corps Air Station Tustin, Tustin, California. 29 October.

Trevet, Inc. 2011. Draft 2010 Annual Groundwater Monitoring Report for Operable Unit 4B (IRP-5S[a], IRP-6, IRP-11, IRP-13W, MMS-04, and the Mingled Plumes Area), Former Marine Corps Air Station Tustin, California. 28 January.

FIGURES



LEGEND

- ROADS
- FORMER MCAS TUSTIN BOUNDARY
- CO — NAVY PROPERTY BOUNDARY
- BUILDING AND STRUCTURE
- CO — CARVE-OUT AREA
- IRP — INSTALLATION RESTORATION PROGRAM (SITE)
- MMS — MISCELLANEOUS MAJOR SPILL
- MCAS — MARINE CORPS AIR STATION

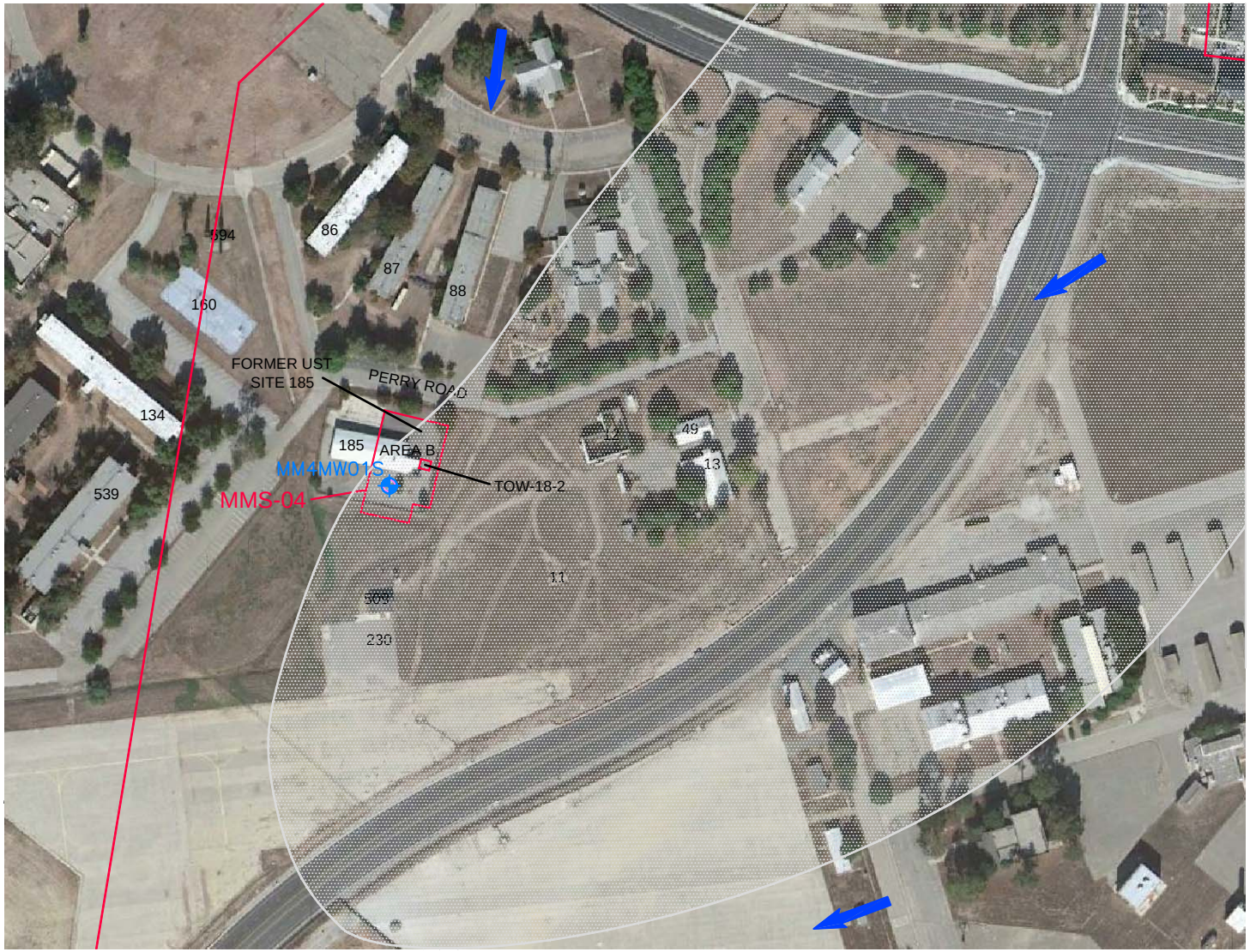
FIGURE 1
OPERABLE UNIT-4B SITES AND EXISTING BOUNDARIES

PROJECT LOCATION	DATE	PROJECT NUMBER
REMEDIAL ACTION COMPLETION REPORT MMS–04, OPERABLE UNIT 4B FORMER MCAS TUSTIN ORANGE COUNTY, CALIFORNIA	MAR 2011	139865

REV. NO.: 2

Brown AND Caldwell

SAN DIEGO, CALIFORNIA



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SCALE IN FEET

LEGEND

- MMS-04 AUTO HOBBY SHOP BOUNDARY
- AREA OF EXISTING INSTITUTIONAL CONTROLS FOR GROUNDWATER AT OU-1A
- MM4MW01S — MONITORING WELL
- CO — CARVE-OUT AREA
- MMS — MISCELLANEOUS MAJOR SPILL
- OU — OPERABLE UNIT
- GROUNDWATER FLOW DIRECTION (TREVET 2011)

FIGURE 2
MMS-04
SITE LOCATION MAP

PROJECT LOCATION

REMEDIAL ACTION COMPLETION REPORT
MMS–04, OPERABLE UNIT 4B
FORMER MCAS TUSTIN
ORANGE COUNTY, CALIFORNIA

REV. NO.: 3

DATE
APR 2011

PROJECT NUMBER
139865

Brown AND Caldwell

SAN DIEGO, CALIFORNIA

APPENDIX A

REGULATORY AGENCY PARTNER CONCURRENCE LETTERS

California Regional Water Quality Control Board
Santa Ana Region

Linda S. Adams
Acting Secretary for
Environmental Protection

3737 Main Street, Suite 500, Riverside, California 92501-3348
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www.waterboards.ca.gov/santaana

Edmund G. Brown Jr.
Governor

May 12, 2011

Base Realignment and Closure
Attn: Mr. James Callian (james.callian@navy.mil)
BRAC Environmental Coordinator
7040 Trabuco Road
Irvine, California 92618

COMMENTS ON DRAFT REMEDIAL ACITON COMPLETION REPORT, MISCELLANEOUS MAJOR SPILL (MMS)-04 , FORMER MARINE CORPS AIR STATION TUSTIN
GeoTracker No. DOD100399000

Dear Mr. Callian:

We have completed our review of the above-referenced document, dated April 13, 2011, which we received on April 13, 2011. This report documents the closeout of MMS-04 Area B.

We have no comments on this draft remedial action completion report.

If you should have any questions, please call me at (951) 782-4494, or send e-mail to jbroderick@waterboards.ca.gov,

Sincerely,

John Broderick
Land Disposal and DoD Section

cc via electronic copy:
Anantaraman Peddada, DTSC - APeddada@dtsc.ca.gov
James Ricks, EPA, Region IX - ricks.james@epamail.epa.gov
Matt West, City of Tustin - Mwest@tustinca.org
Sean McGoey, Navy, BRAC PMO West - sean.mcgoey.ctr@navy.mil

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Governor

May 18, 2011

Marine Corps Air Station Tustin
Base Realignment and Closure
Attn: James T. Callian
BRAC Environmental Coordinator
7040 Trabuco Road
Irvine, California 92618

DRAFT REMEDIAL ACTION COMPLETION REPORT MISCELLANEOUS MAJOR SPILL (MMS) -04, OPERABLE UNIT 4B, FORMER MARINE CORPS AIR STATION TUSTIN, CALIFORNIA.

Dear Mr. Callian:

The Department of Toxic Substances Control (DTSC) has reviewed the above referenced document. DTSC has no comments on this report.

If you have any questions, please contact me at (714) 484-5418.

Sincerely,

Anantaramam Peddada
Remedial Project Manager
Brownfields and Environmental Restoration Program

Printed on Recycled Paper

cc: Mr. James Ricks
Project Manager
U.S. Environmental Protection Agency
(SFD-H-8) - Region IX
75 Hawthorne Street
San Francisco, California 94105

Mr. John Broderick
Project Manager
Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, California 92501-3348.

Mr. Matt West
City of Tustin
300 Centennial Way
Tustin, California 92780

Mr. Donald E. Zweifel, Co-Chairperson
Restoration Advisory Board
282 South Poplar, Suite #16
Brea, California 92821

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

20 May 2011

James T. Callian
BRAC Environmental Coordinator
Former MCAS El Toro / MCAS Tustin
Department of the Navy
Base Realignment and Closure
Program Management Office West
7040 Trabuco Road
Irvine, CA 92501-3348

RE: U.S. Environmental Protection Agency (EPA) Review Comments - Draft Remedial Action Completion Report, Miscellaneous Major Spill (MMS)-04, Operable Unit (OU) 4B, Former Marine Corps Air Station Tustin, Tustin, California.

Dear Mr. Callian:

The U.S. Environmental Protection Agency (EPA) has completed its review of the *"Draft Remedial Action Completion Report, Miscellaneous Major Spill (MMS) -04, OU-4B, Former Marine Corps Air Station Tustin, Tustin, California.*

Based upon our review, EPA concurs with the demonstration of completion and recommendation of No Further Action (NFA) for MMS-04 Area B

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EPA reaffirms its commitment to working in partnership with the Department of the Navy to expeditiously facilitate the cleanup and transfer of property at the former Marine Corps Air Station Tustin in a manner that is protective of human health and the environment.

Please feel free to contact me at 415-972-3023 if you have any questions.

Sincerely,

James A. Ricks, Jr.
Project Manager
Superfund Division (SFD-8-1)

cc: (see Distribution List)

Distribution List HPS

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Former MCAS's El Toro / MCAS Tustin
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