



DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
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M60050.003078
MCAS EL TORO
SSIC NO. 5090.3

5090
Ser 06CC.AP\0465
April 26, 2004

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Remedial Project Manager
California Regional Water Quality Control Board
3737 Main Street, Suite 500
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Fellow Federal Facility Agreement (FFA) Representatives:

Subj: FEDERAL FACILITY AGREEMENT SCHEDULE EXTENSION REQUEST,
OPERABLE UNIT (OU-2B), LANDFILL SITES 2 AND 17, FORMER MARINE CORPS
AIR STATION (MCAS) EL TORO, CALIFORNIA

This letter is to request extensions for the remaining Operable Unit (OU-2B) landfill Sites 2 and 17 post-Record of Decision (ROD) Federal Facility Agreement (FFA) primary deliverables. This extension request is made pursuant to Section 9.2 (g) of the FFA.

These extended deliverable milestone dates are necessary for the Navy to address the concerns raised in the September 15, 2003, letter from the California Regional Water Quality Control Board, Santa Ana Region ("Water Board"); to address issues related to the Revegetation Plan, which are being resolved with the United States Fish and Wildlife Service (USFWS); and in re-evaluating borrow sources in the context of meeting the parameters defined in the ROD. It remains the Navy's intent to complete the design and construct evapotranspirative (ET) covers at Sites 2 & 17 and demonstrate that the caps function according to the stipulations placed in the ROD.

The additional 8 weeks will allow the Navy to work through the remaining design issues and pull together all the final design and pre-construction documents for the draft final Remedial Design deliverable for your review and concurrence.

The following is a brief listing showing the anticipated structure of the Remedial Design Report:

- Remedial Design Text.
- Appendix A-Final Design Specifications.
- Appendix B-Final Design Drawings.
- Appendix C-Landfill Gas Modeling Results. The landfill gas (LFG) modeling analysis performed to evaluate the need for a LFG collection system.
- Appendix D-Volume Calculations. The computer-generated volume calculations for waste removal, consolidation, and site grading (sub grade and final grades).
- Appendix E-Hydrology and Hydraulic Calculations. Calculations that support the hydrologic and hydraulic assumptions are presented here.
- Appendix F-UNSAT-H Modeling Results.
- Appendix G-Responses to Comments on the 30, 60 90 Percent Design Submittals.
- Appendix H-Biological Opinion for the remedial actions at Site 2 and Site 17.
- Attachment A-Geotechnical Engineering Evaluation. Presents the evaluation of the existing foundation material, borrow source materials, seismicity and slope stability based on geotechnical testing, and a seismic hazard evaluation.
- Attachment B-HEC-RAS (Hydrologic Engineering Center-River Analysis System) Hydraulic Analysis. Evaluation of flow rates and water surface elevations during a 24-hour 100-year storm at Site 2.
- Attachment C-Pre-Design Investigation Technical Memorandum. Pre-design Investigation Results
- Attachment D-Radiological Release Report - IRP Sites 2 and 17. This report presents the results of the radiological survey for evaluating potential risks to human health and to support no further action and radiological release documentation for each site.
- Attachment E- Final Sampling and Analysis Plan. Presents Confirmation Sampling Details.
- Attachment G - Final Coastal Sage Scrub (CSS) Restoration Plan. Presents Details on CSS Restoration

The primary documents, with proposed new completion dates are summarized below. Please note that we will make every effort to exceed this schedule. We still have high expectations for completion of cap construction in the 2004-early 2005 field season.

Primary deliverable	Current Due Date	New Completion Date	Time Extension
Final Remedial Design	27 April 2004	22 June 2004	8 Weeks
Draft Operation and Maintenance Plan	10 May 2005	06 June 2005	4 Weeks
Draft Remedial Action [Closeout] Report	23 June 2005	31 August 2005	10 Weeks

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Should you have questions or need additional information, please contact Mr. Gordon Brown, Remedial Project Manager, at (619) 532-0791 or me at (619) 532-0784.

Sincerely



F. Andrew Piszkin
Base Realignment and Closure
Environmental Coordinator
By direction of the Commander

Enclosure: (1) Remedial Action Schedule, Installation Restoration Program Sites 2 & 17,
Former MCAS El Toro of April 23, 2004

Copy to:

Commandant of the Marine Corps
Attn: LCDR Tricia Samora, USN
2 Navy Annex, Room 3109 (LFL)
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Commander
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