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SUBJECT: TRANSMITTAL OF THE REVISED DRAFT FINAL VADOSE ZONE  
FEASIBILITY STUDY REPORT, INSTALLATION RESTORATION  
PROGRAM SITE 1, EXPLOSIVE ORDNANCE DISPOSAL TRAINING  
RANGE, FORMER MARINE CORPS AIR STATION EL TORO,  
CALIFORNIA

Dear Fellow Base Realignment and Closure Cleanup Team Members:

Submitted for your review is the *Revised Draft Final Vadose Zone Feasibility Study Report, Installation Restoration Program (IRP) Site 1, Explosive Ordnance Disposal Training Range, Former Marine Corps Air Station (MCAS) El Toro* (Enclosure 1). This Feasibility Study (FS) Report (Report) presents the development and evaluation of remedial alternatives to address risks and hazards to human-health and the environment due to past releases of hazardous substances in vadose zone soil at IRP Site 1. IRP Site 1 includes two separate areas: an on-Station Area (Navy-owned) and an off-Station Area known as the Adjacent Property (not Navy-owned), which was impacted by kick-outs from training activities conducted on-Station. Remedial alternatives have

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been developed and evaluated for munitions and explosives of concern (MEC)-impacted soil and naphthalene-impacted soil in the on-Station Area and for MEC-impacted soil on the Adjacent Property.

The Report presents the conceptual site model, the nature and extent of the contamination, a summary of the site risks and hazards, the remedial action objectives, and the development of the remedial alternatives. Individual and comparative analyses of the remedial alternatives were also conducted to identify the relative advantages and disadvantages of each alternative with respect to the nine National Oil and Hazardous Substances Pollution Contingency Plan (NCP) evaluation criteria. The results of this analysis are documented in this Report.

An additional alternative (AP-4) has been included in the Revised Draft Final FS Report to address comments made on the previous version. The additional alternative provides for removal and disposal of MEC items utilizing methods that are consistent with current residential reuse protocols. Responses to Comments (RTCs) for the Revised Draft FS Report are included in Appendix E of the Report. The Navy received approval of the RTCs to the Revised Draft FS Report from U.S. Environmental Protection Agency on October 6, 2014, Department of Toxic Substances Control on October 1, 2014, and Regional Water Quality Control Board on October 10, 2014.

We would appreciate receiving your concurrence by Tuesday, February 4, 2015. Thank you for your continued support in this program. Should you have questions or need additional information, please contact Mr. Marc P. Smits, Navy Remedial Project Manager, at 619-532-0793.

Sincerely,



JAMES B. SULLIVAN  
BRAC Environmental Coordinator  
By direction of the Director

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Enclosure: 1. Revised Draft Final Vadose Zone Feasibility Study  
Report, Installation Restoration Program (IRP)  
Site 1, Former Marine Corps Air Station El Toro,  
California. November 2014.

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