



**PUBLIC NOTICE**  
**FOURTH CERCLA FIVE-YEAR REVIEW**  
Operable Units 1A, 1B, 3, and 4B  
Former Marine Corps Air Station Tustin, Tustin, California



April 2021

The United States Department of the Navy (Navy), in coordination with state environmental regulatory agencies, is currently conducting a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review (FYR) for Operable Units (OUs) 1A, 1B, 3, and 4B at Former Marine Corps Air Station (MCAS) Tustin, Tustin, California. Former MCAS Tustin is located approximately 40 miles southeast of Los Angeles. The Navy is conducting the FYR in accordance with the requirements of CERCLA Section 121(c) to determine whether the remedies being implemented in accordance with the Final Records of Decision (RODs) continue to remain protective of human health and the environment.

**OUs 1A and 1B (Installation Restoration Program [IRP] Sites 3, 12, and 13S)**

- **Remedy:** extract and treat groundwater (GW) impacted by volatile organic compounds (VOCs); prevent VOC-impacted GW migration; excavate and dispose of VOC-impacted soil off site; monitor GW quality; and implement institutional controls (ICs).
- **Current activities:** operate and maintain two GW treatment systems; conduct semiannual GW monitoring; and enforce ICs.

**OU-3 (IRP Site 1)**

- **Remedy:** construct engineering controls to prevent contact with and migration of subsurface contamination; monitor landfill gas (LFG), GW, and surface water; and implement ICs.
- **Current activities:** conduct long-term monitoring and enforce ICs. LFG monitoring was terminated in 2014 with regulatory agency concurrence.

**OU-4B Low Concentration Sites (IRP Sites 11 and 13W)**

- **Remedy:** monitor VOC-impacted GW and implement ICs.
- **Current activities:** monitor VOC-impacted GW and enforce ICs. GW at IRP Site 11 has recently met criteria for case closure, and the Navy is in the process of preparing a Remedial Action Completion Report for that site. GW at IRP Site 13W has not yet met criteria for case closure.

**OU-4B Moderate Concentration Sites (IRP Sites 5S[a], 6, and the Mingled Plumes Area)**

- **Remedy:** conduct in situ bioremediation (ISB) and monitored natural attenuation (MNA) of VOC-impacted GW and implement ICs.
- **Current activities:** conduct ISB and MNA and enforce ICs. The remedy at IRP Site 5S(a) will be optimized in March 2021 via the injection of additional carbon substrate to sustain ISB.



**PUBLIC NOTICE**  
**FOURTH CERCLA FIVE-YEAR REVIEW**  
Operable Units 1A, 1B, 3, and 4B  
Former Marine Corps Air Station Tustin, Tustin, California



April 2021

**Contaminants of Emerging Concern**

- The Navy has identified the presence of certain per- and polyfluoroalkyl substances (PFAS) in groundwater at OUs 1A, 1B, 3, and 4B. Although PFAS are not currently listed as CERCLA hazardous substances, the Navy has initiated the CERCLA process for these contaminants of emerging concern pursuant to United States Department of Defense guidance. The Preliminary Assessment/ Site Inspection phase is underway, and the Navy is planning to conduct a basewide Remedial Investigation of PFAS impacts to GW and soil.

The Navy plans to issue a Draft Fourth CERCLA FYR Report to the California Department of Toxic Substances Control and California Regional Water Quality Control Board, Santa Ana Region for review in June 2021. After addressing their comments, the Navy will issue a Final Fourth CERCLA FYR Report by 31 October 2021. Another public notice will be issued at that time to announce the completion of the FYR Report. Questions or comments regarding the preparation of the Fourth CERCLA FYR Report or other Navy environmental activities at Former MCAS Tustin may be directed to:

**Ms. Kyle Olewnik**

Base Realignment and Closure Environmental Coordinator  
Base Realignment and Closure Program Management Office West  
33000 Nixie Way, Building 50, Suite 207  
San Diego, CA 92147  
(619) 524-4048  
[kyle.olewnik@navy.mil](mailto:kyle.olewnik@navy.mil)

**FOR MORE INFORMATION**

Information regarding Former MCAS Tustin and the remediation efforts at these OUs is available at the following website and locations:

[https://www.bracpmo.navy.mil/brac\\_bases/california/former\\_mcas\\_tustin.html](https://www.bracpmo.navy.mil/brac_bases/california/former_mcas_tustin.html)

**Information Repository**  
**University of California, Irvine**  
**Orange County and Southeast Asian**  
**Archive Center**  
Monday–Friday: 1300–1700  
Closed Weekends  
(949) 824-4968

**Administrative Record File**  
**Naval Facilities Engineering Systems**  
**Command Southwest**  
750 Pacific Highway, Code EV33  
Naval Base San Diego Building 3519  
San Diego, CA 92132  
Contact: Ms. Diane Silva  
(619) 556-1280