



**Fort Ord,  
Monterey  
County,  
California**

## Groundwater Cleanup Update

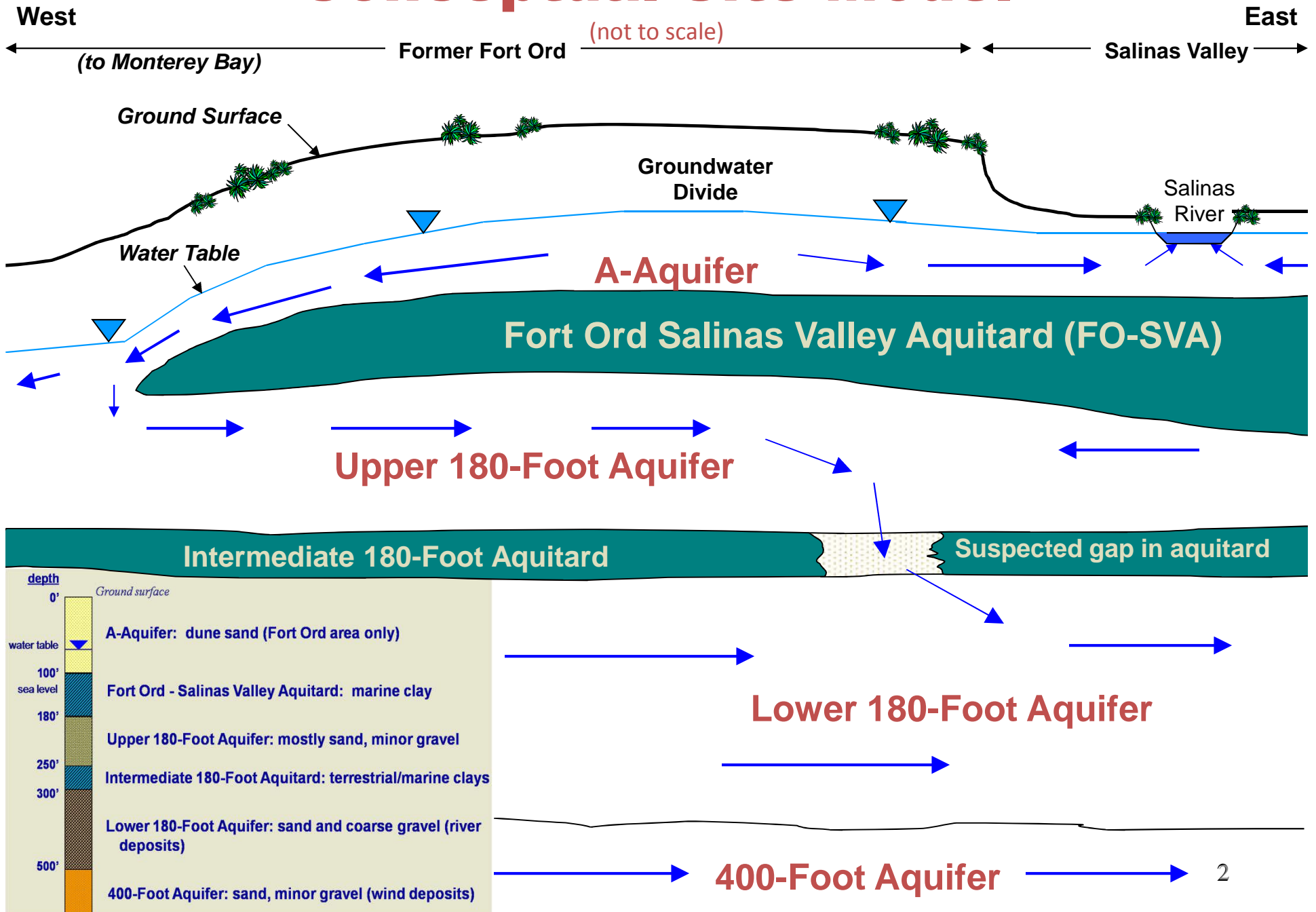
Community Involvement Workshop, March 1, 2014

Technical Review Committee Meeting, March 4, 2014

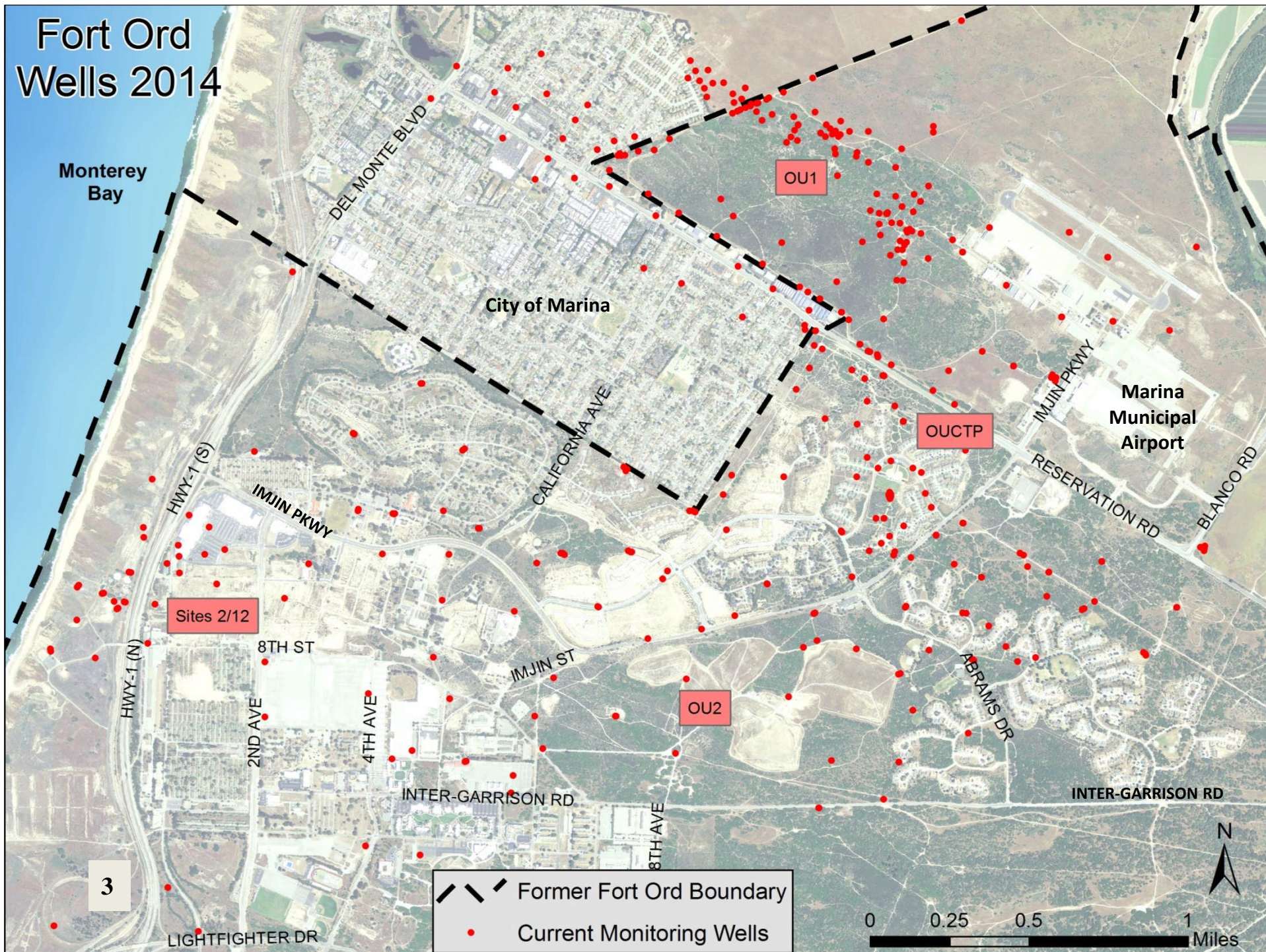
Derek S. Lieberman, P.E.  
Ahtna Engineering Services



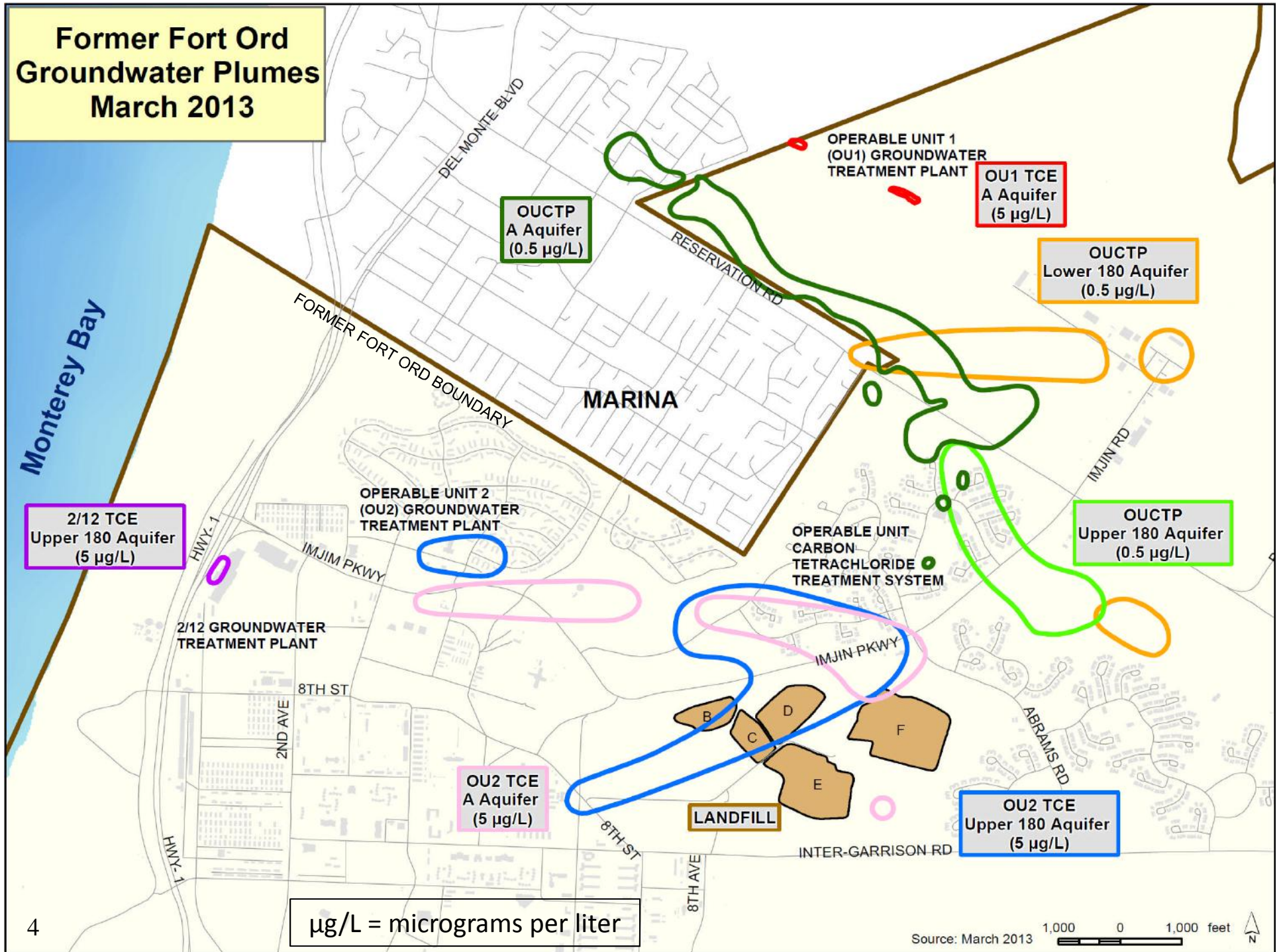
# Conceptual Site Model



# Fort Ord Wells 2014



# Former Fort Ord Groundwater Plumes March 2013

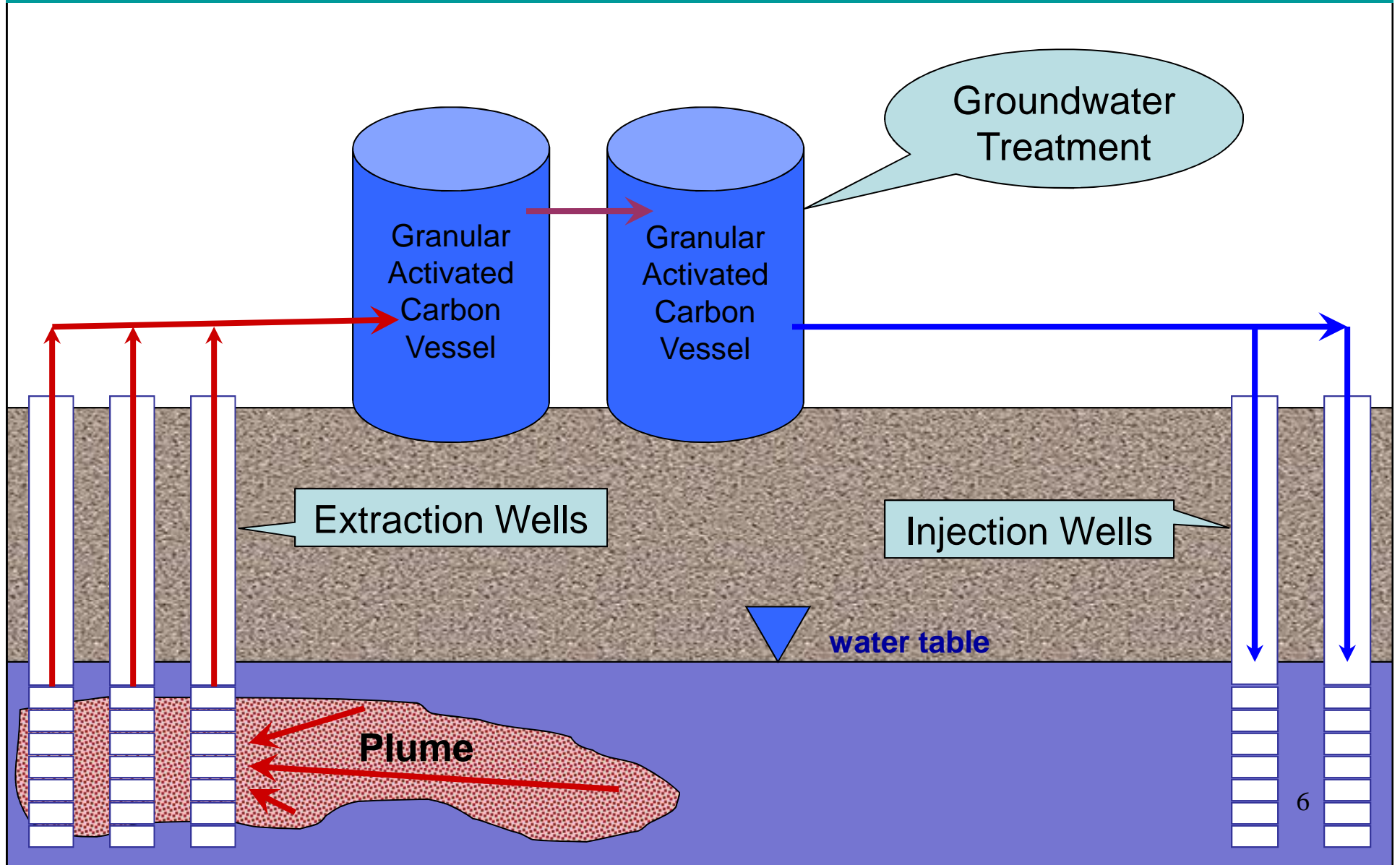


# Groundwater Extraction and Treatment System Status

as of December 31, 2013

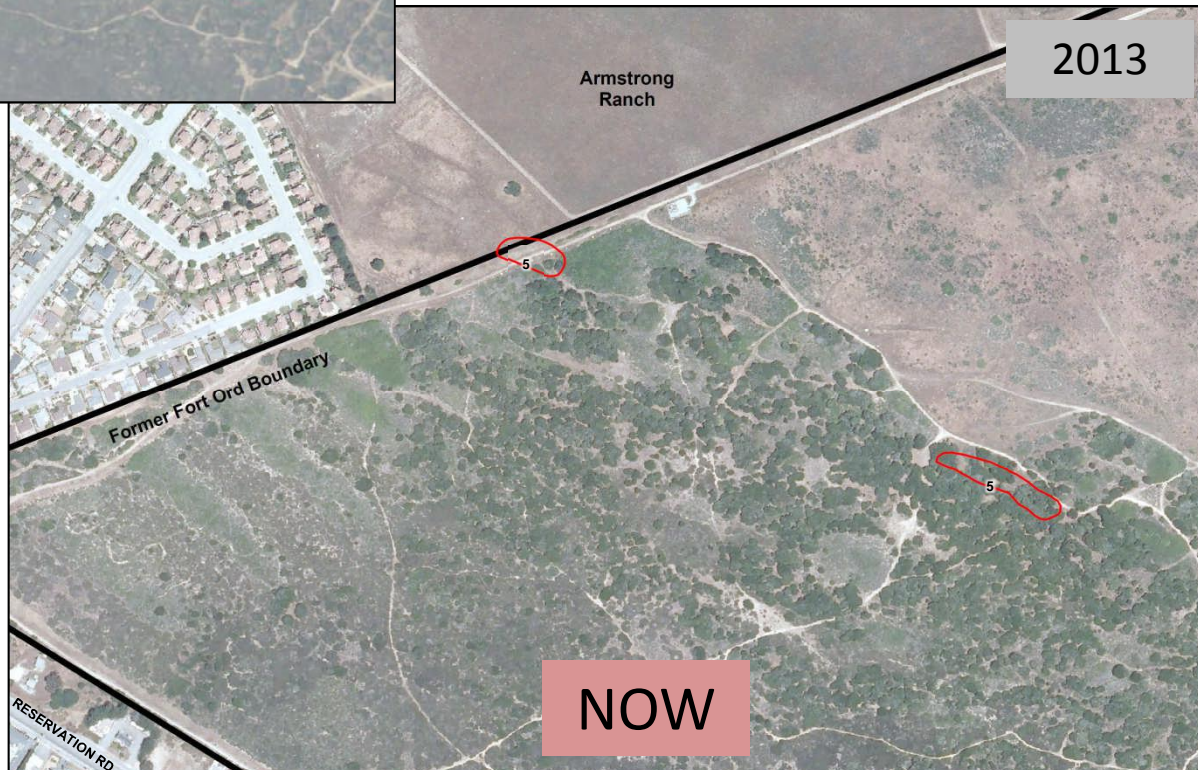
	<b>OU1</b>	<b>OU2/OUCTP</b>	<b>Sites 2/12</b>
Treatment started	July 1988	October 1995	April 1999
Gallons treated	313.2 million	6.134 billion	1.707 billion
Pounds of contaminants removed	31	751	462
Gallons of contaminants removed	3	60	37

# Groundwater Extraction and Treatment Systems Schematic

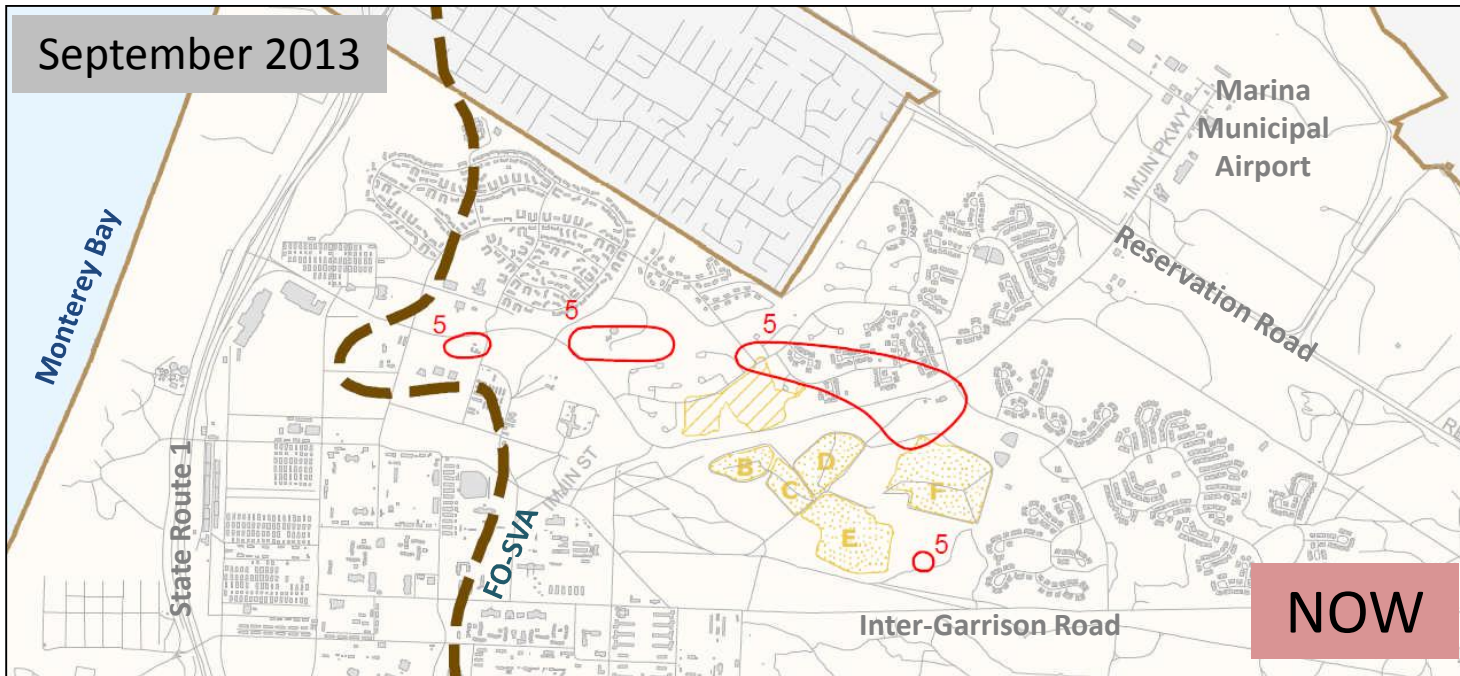
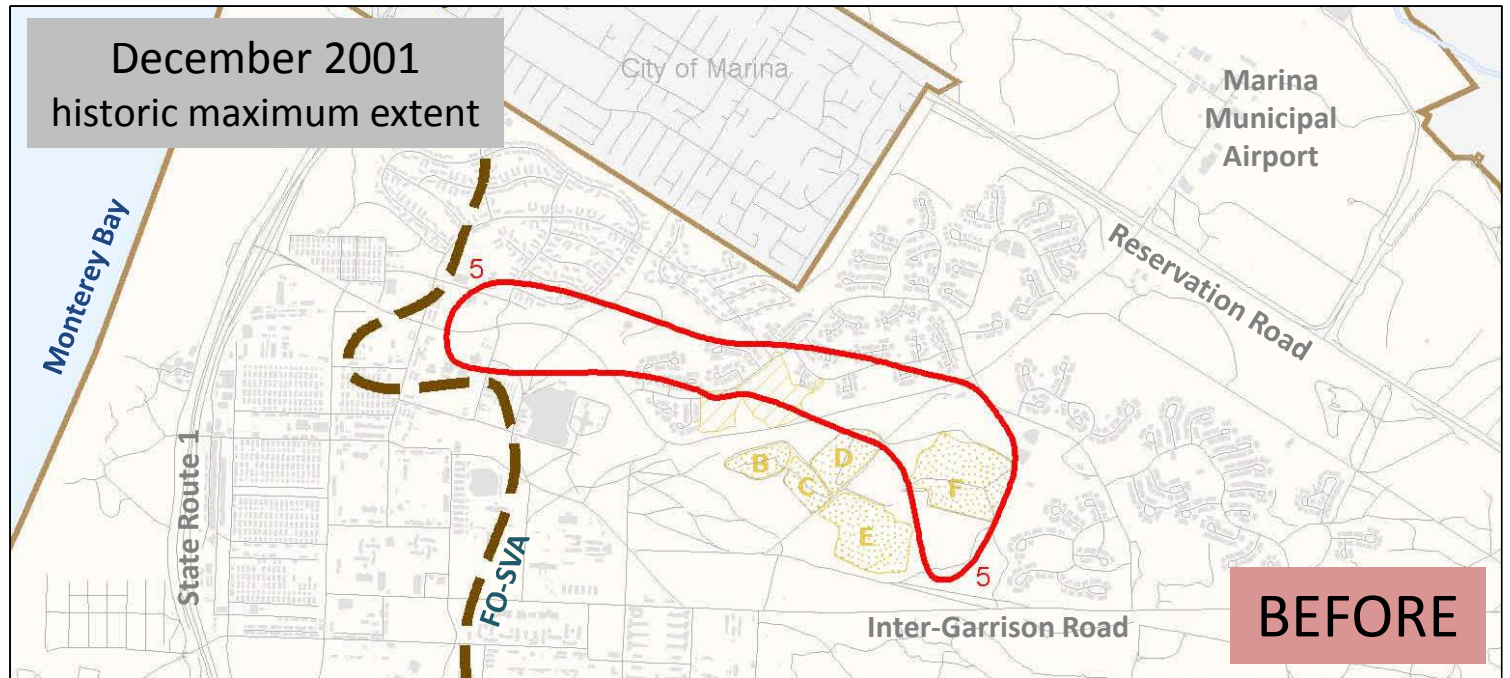




TCE at or above Aquifer Cleanup Level (ACL) in  $\mu\text{g/L}$   
 Operable Unit 1 (OU1)  
 A-Aquifer

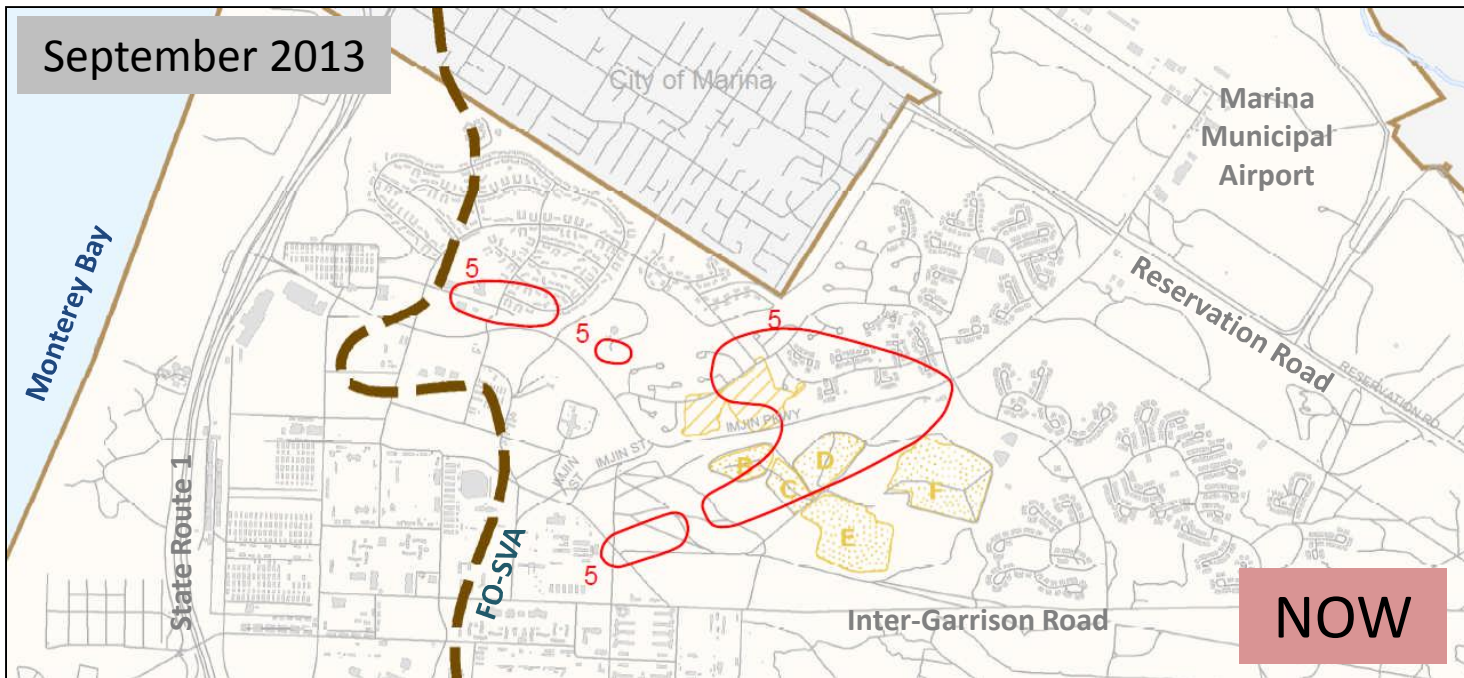
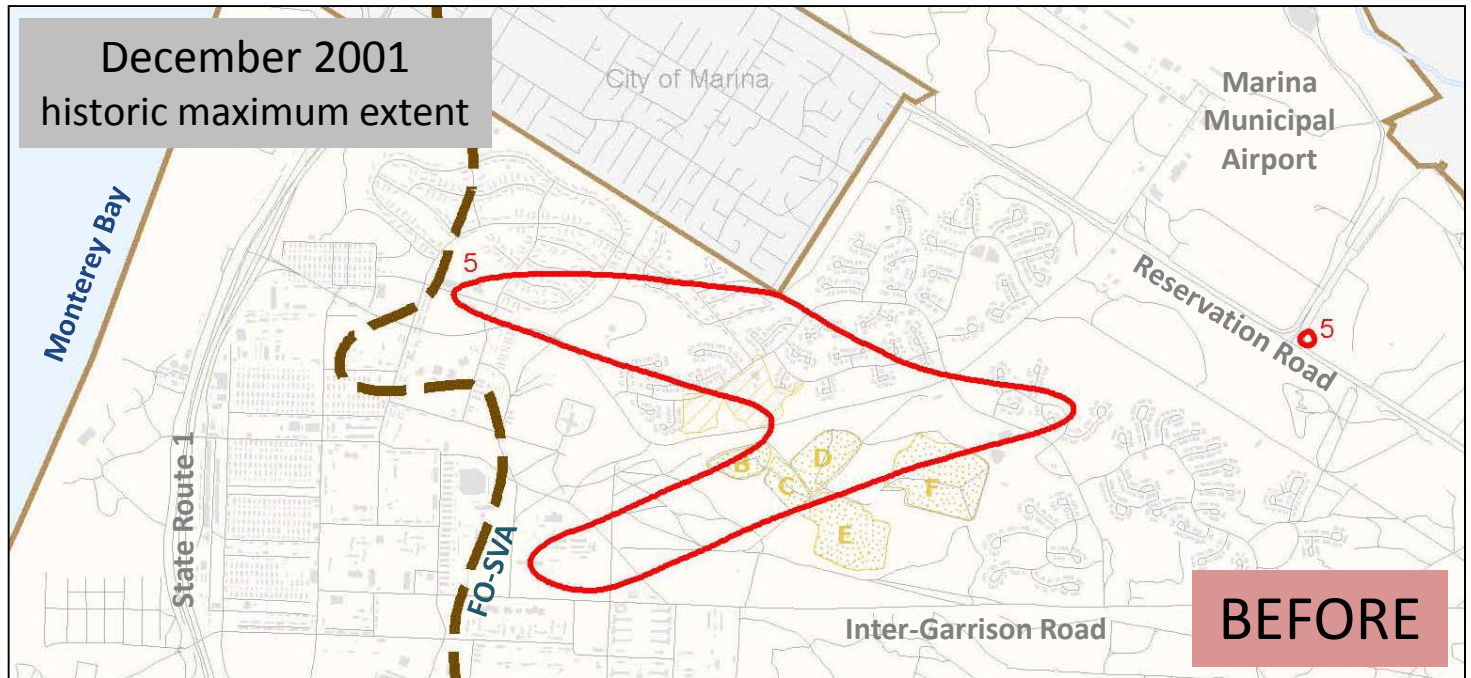


TCE at or above  
ACL in  $\mu\text{g/L}$   
Operable Unit 2  
(OU2)  
A-Aquifer

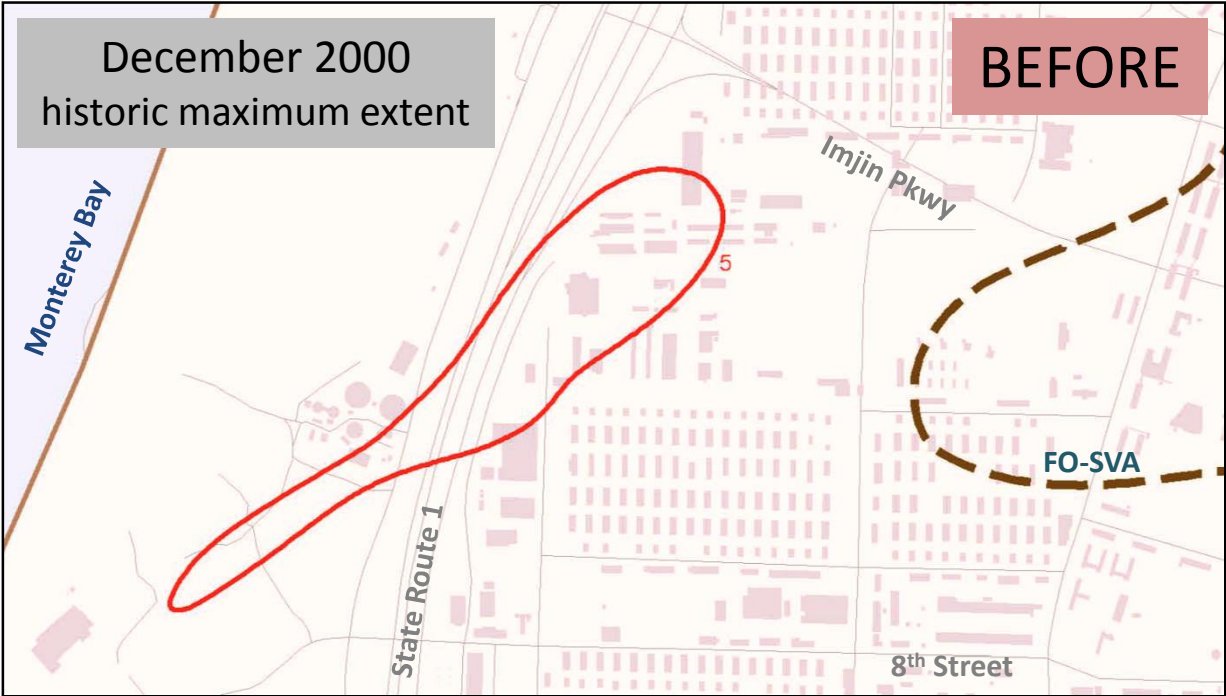




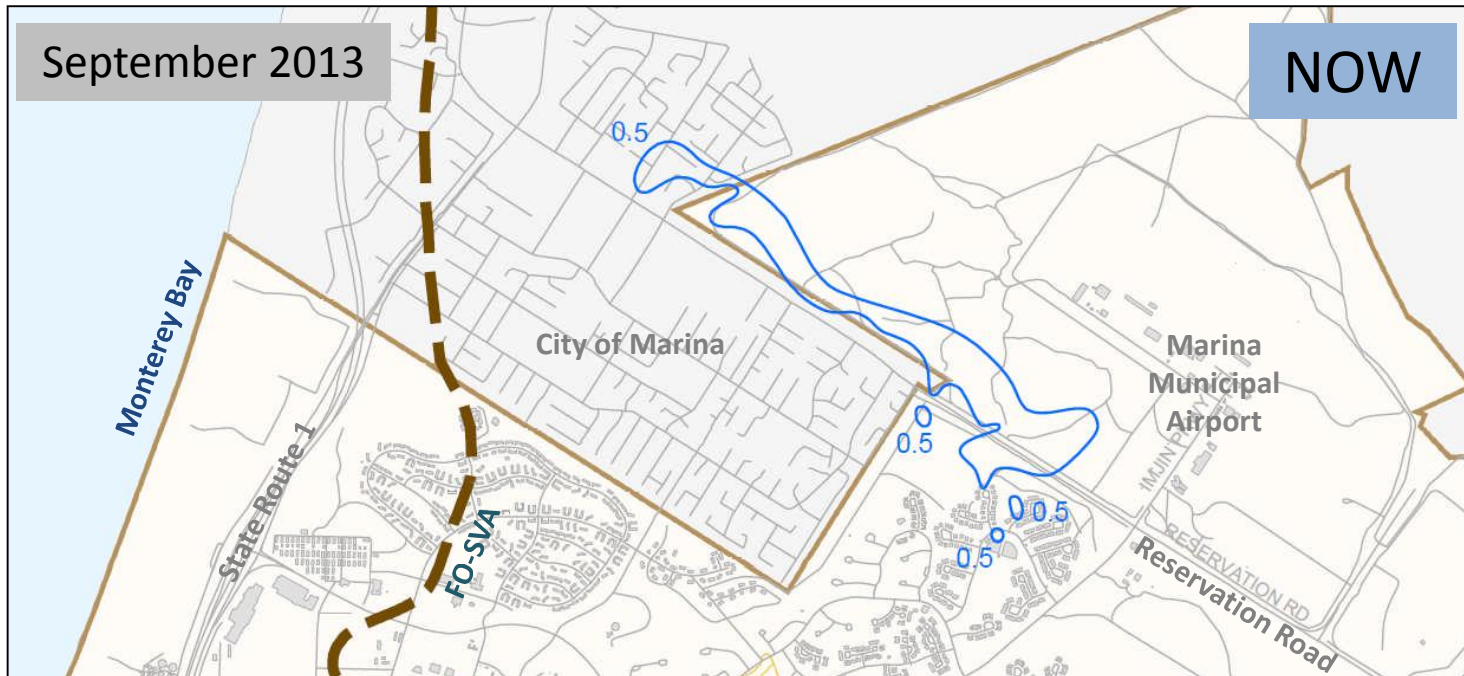
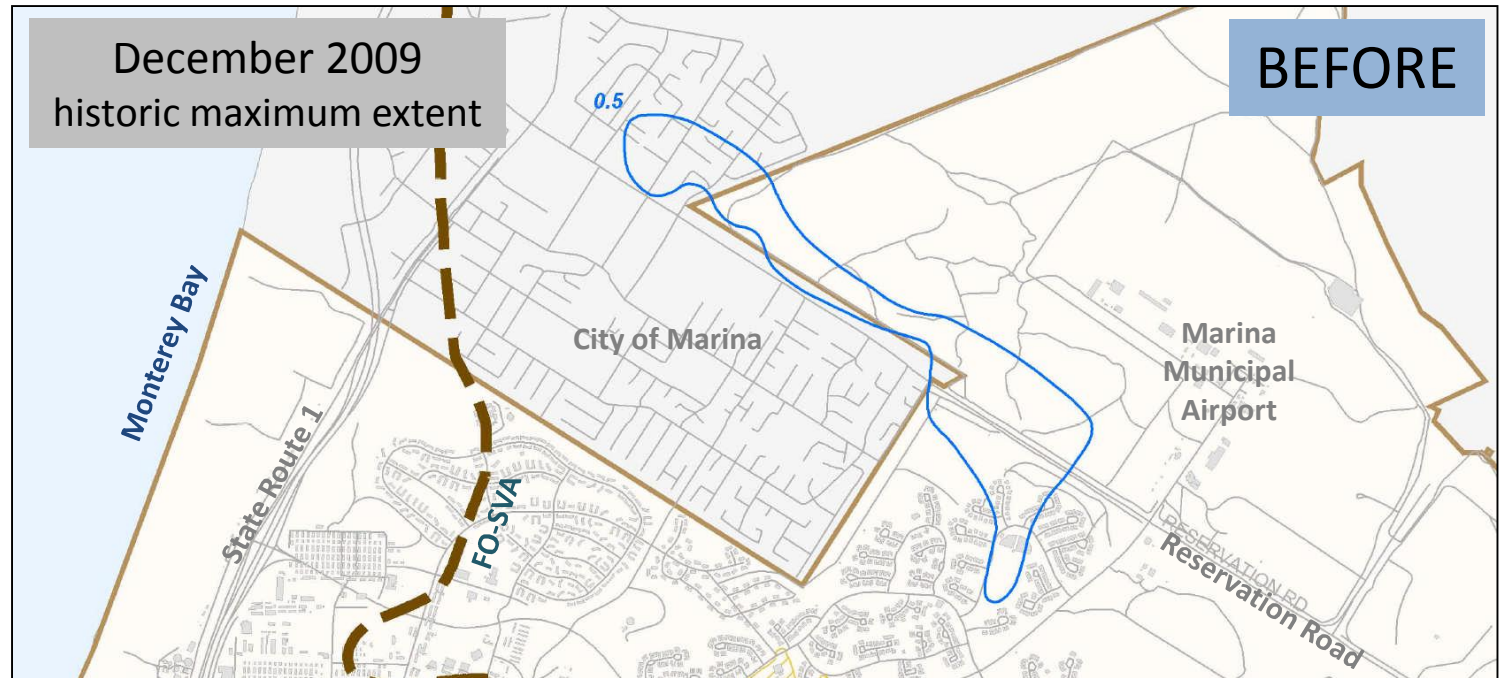
TCE at or above  
ACL in  $\mu\text{g/L}$   
OU2 Upper 180-  
Foot Aquifer

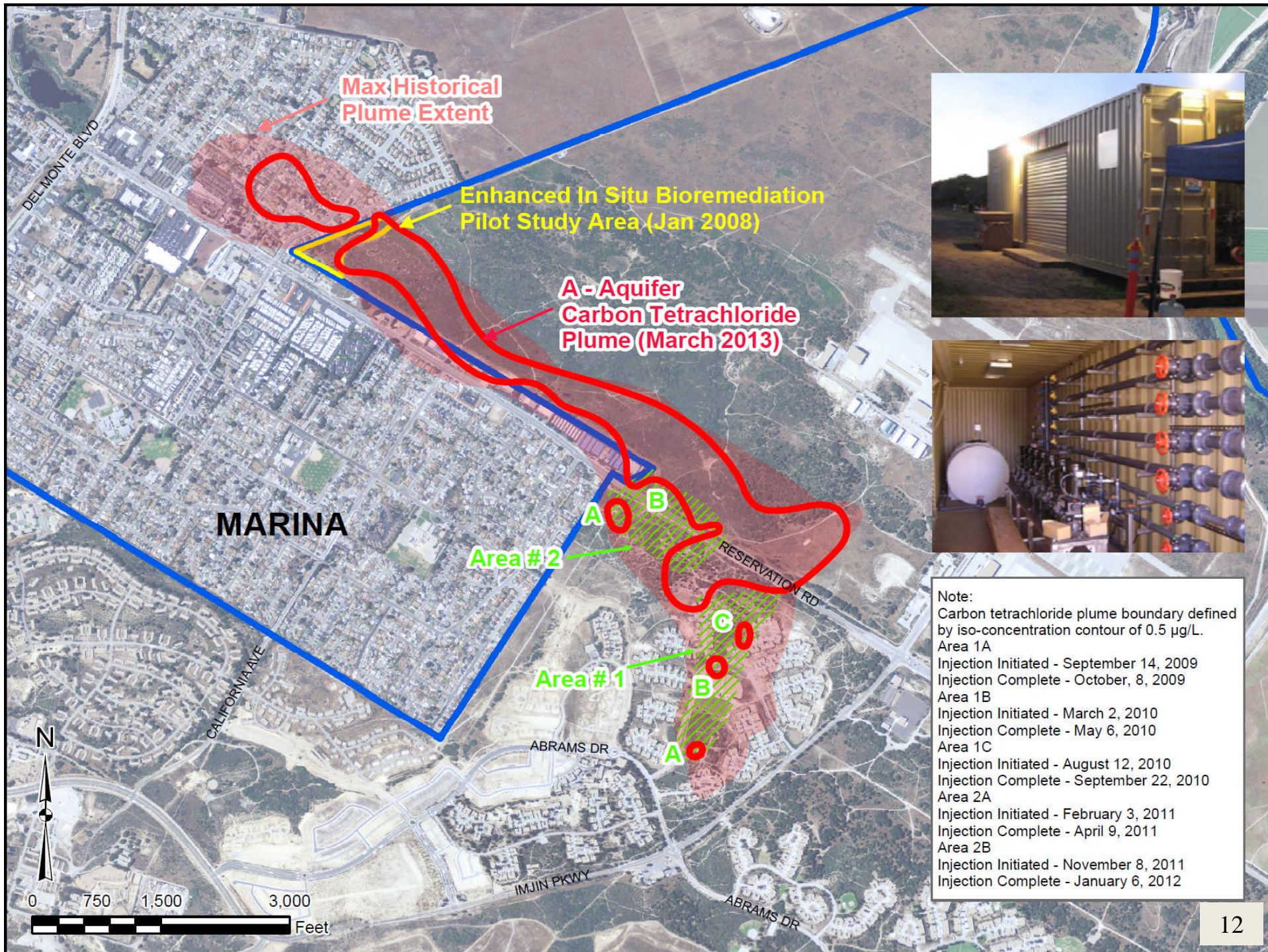


TCE at or above ACL in  $\mu\text{g/L}$   
Sites 2 and 12  
Upper 180-Foot Aquifer  
West of the FO-SVA



CT at or above  
ACL in  $\mu\text{g/L}$   
Operable Unit  
Carbon  
Tetrachloride  
Plume (OUCTP)  
A-Aquifer





Note:  
 Carbon tetrachloride plume boundary defined by iso-concentration contour of 0.5 µg/L.

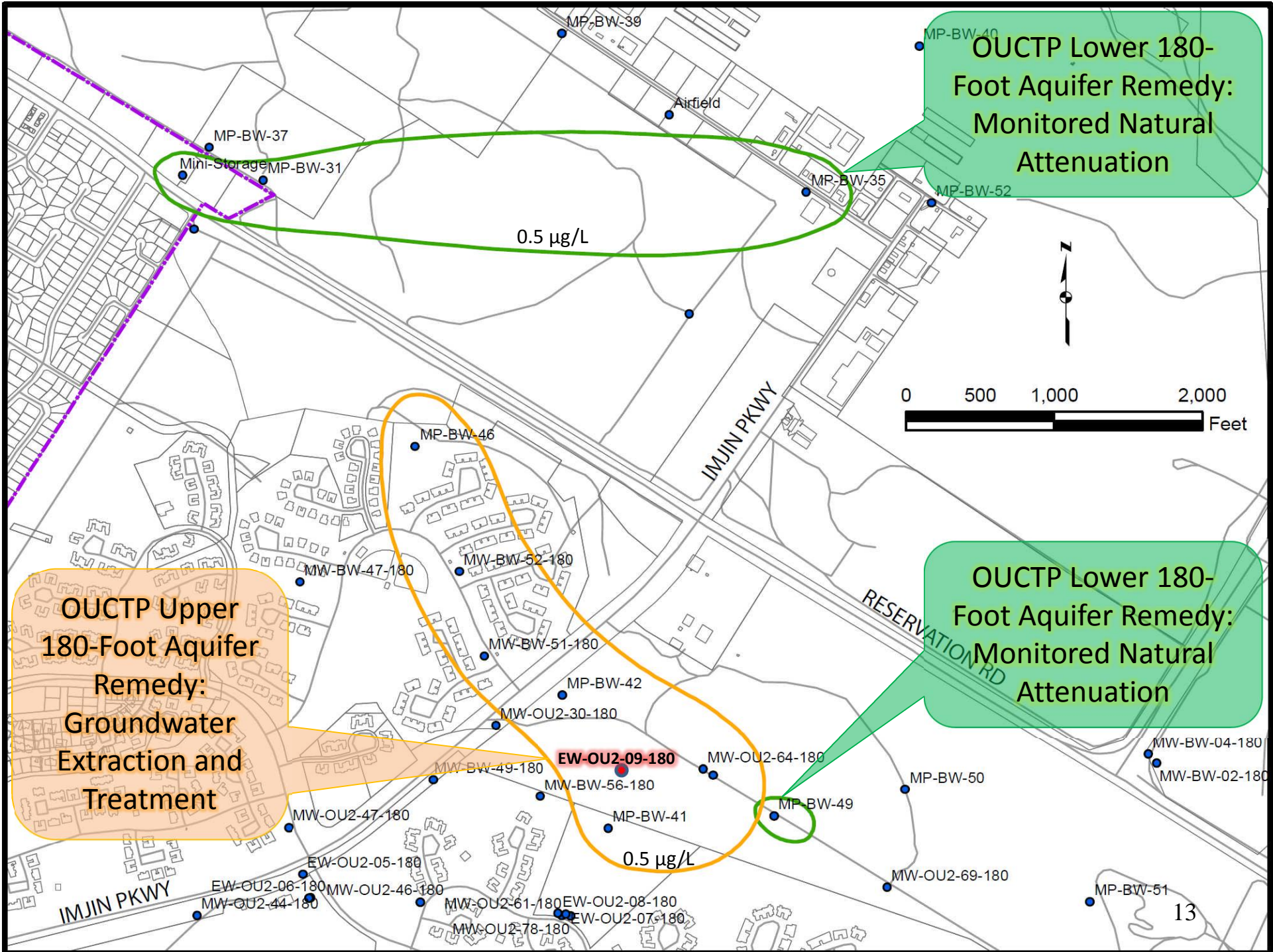
Area 1A  
 Injection Initiated - September 14, 2009  
 Injection Complete - October 8, 2009

Area 1B  
 Injection Initiated - March 2, 2010  
 Injection Complete - May 6, 2010

Area 1C  
 Injection Initiated - August 12, 2010  
 Injection Complete - September 22, 2010

Area 2A  
 Injection Initiated - February 3, 2011  
 Injection Complete - April 9, 2011

Area 2B  
 Injection Initiated - November 8, 2011  
 Injection Complete - January 6, 2012



# For Additional Information

Visit the Army's website at:  
[www.fortordcleanup.com](http://www.fortordcleanup.com)

Visit the Fort Ord Administrative Record at:  
Building 4463 Gigling Road, Room 101  
Ord Military Community  
Seaside, CA 93955  
831-393-9693  
[adminrecord@fortordcleanup.com](mailto:adminrecord@fortordcleanup.com)