

HTW BCT Meeting, May 15, 2019

Table 1: Sites 2/12 GWTP and SVTU Statistics as of April 30, 2019

Monthly Statistics	Volume Treated	Average Flow	Percent of Time Online	COC Mass Removed (pounds)
April 2019 GWTP	5,778,180 gal	134 gpm	94.9	0.32
Total since April 1999	2.071 billion gal			486
April 2019 SVTU	0 scf	0 scfm	0	0
Total since September 2015	1.330 billion scf			9.7

Table 2: April 2019 – Sites 2/12 Treated Water Analytical Results at TS-212-INJ

COC	Discharge Limit (µg/L) ²	Sample Date / Analytical Results
		4/10/2019
1,1-Dichloroethene (1,1-DCE)	6.0	ND (0.25)
1,2-Dichloroethane (1,2-DCA)	0.50	ND (0.25)
1,3-dichloropropene (1,3-DCP) ¹	0.50	ND (0.25)
Chloroform	2.0	ND (0.25)
cis-1,2-dichloroethene (cis-1,2-DCE)	6.0	0.11 J
Tetrachloroethene (PCE)	5.0	0.57
Trichloroethene (TCE)	5.0	0.33 J
Vinyl Chloride (VC)	0.10	ND (0.05)

Notes:

¹The reported value is the sum of both cis- and trans-isomers.

²Discharge limits are the ACLs for injection over the plume.

J: Estimated results below the limit of quantitation (LOQ).

ND: The analyte was not detected at or above the limit of detection (LOD).

gpm: gallon(s) per minute

gal: gallon(s)

COC: chemical of concern

NS: Not sampled

scf: standard cubic foot or feet

scfm: standard cubic feet per minute

µg/L: micrograms per liter

Results in gray are ND

April 2019 Key Events for Sites 2/12

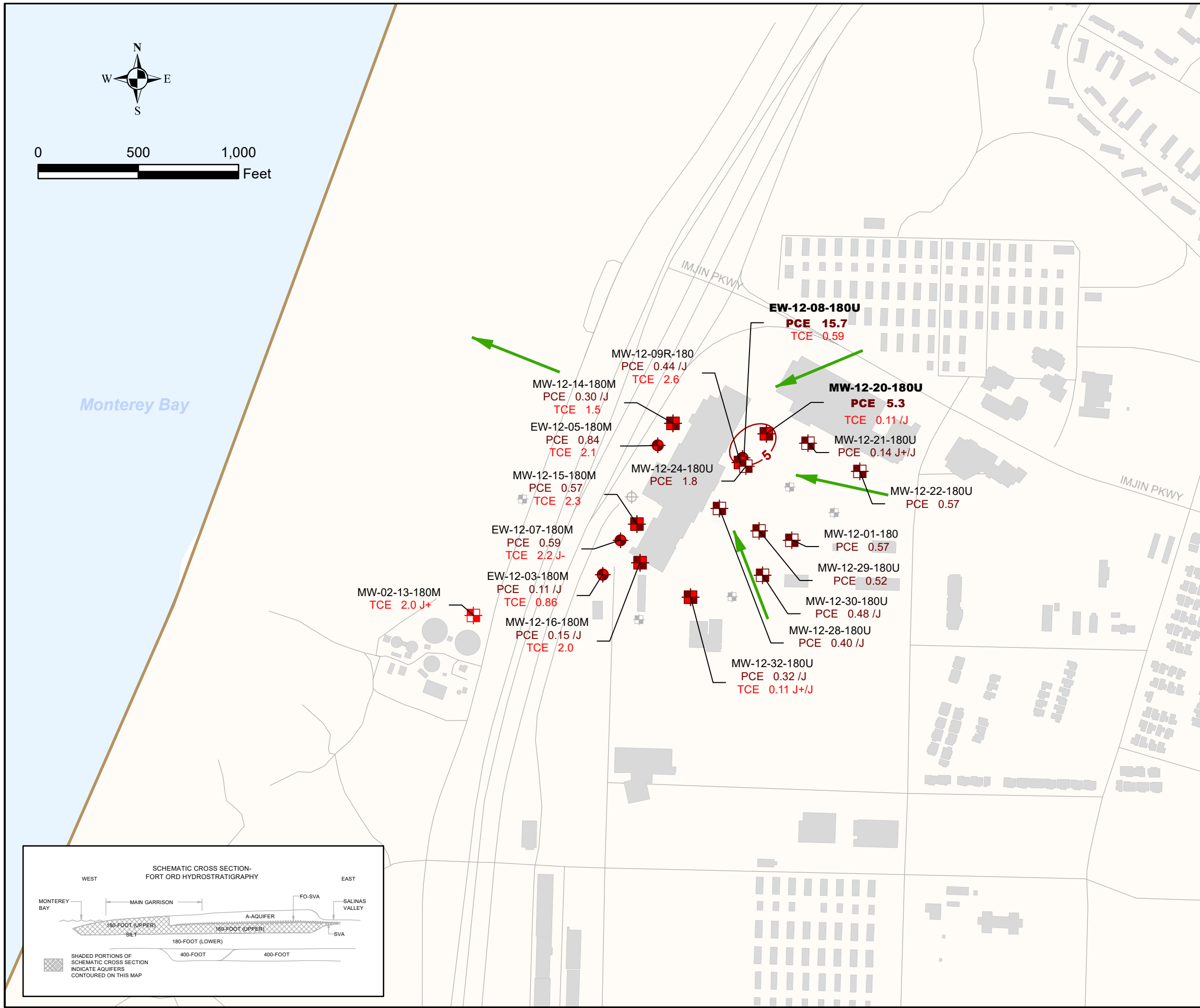
- April 2: Sites 2/12 GWTP offline for 3 hours due to effluent pipe repair by JV.
- April 10: Sites 2/12 GWTP offline for 3 hours due to flange repair by JV near 12th Street.
- April 12: Sites 2/12 GWTP offline for 12 hours due to OU2 GWTP maintenance.
- April 27: Sites 2/12 GWTP offline for 19 hours due to OU2 GWTP communications issue. Sites 2/12 GWTP restarted April 28.

May 2019 Key Events for Sites 2/12

- May 21-23: Second Quarter 2019 Soil Gas Monitoring – second rebound study sampling.



Tuesday, April 23, 2019 3:04:19 PM thomas hunt
 P:\8418191360_FortOrd\GIS\101915\12_GMR\Figure12_TCE-PCE-COC\Site2-12_19Q1.mxd



EXPLANATION

- Monitoring Well with TCE Detection, and No ACL Exceedances by Other COCs
- Monitoring Well with PCE Detection and No Exceedances by other COCs
- Monitoring Well with TCE and PCE Detection
- Extraction Well with TCE and PCE Detection

Well ID - Bold When ACL Exceeded
 (* Indicates: Sample result not used for contouring)

MW-12-16-180M
 PCE 0.15 /J
 TCE 2.0 } TCE and/or PCE concentration (µg/L) with validation/lab qualifier. Bold when exceeds the ACL.

- Monitoring Well - TCE or PCE not detected and no other COC ACL exceedances
- Monitoring Well not sampled this quarter
- Extraction Well not sampled this quarter

Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L

- 5 Tetrachloroethene (PCE)
- General Groundwater Flow Direction
- Roads
- Facilities
- Former Fort Ord Boundary

NOTES:

- (1) Samples were collected between March 3 and March 8, 2019.
- (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
- (3) Contours based on highest value obtained from multiple bags where applicable.
- (4) Other COC ACL exceedances detected beyond the extent of the PCE plume are illustrated when present.

GROUNDWATER PCE/TCE CONCENTRATIONS AND OTHER COC ACL EXCEEDANCES - UPPER 180-FOOT AQUIFER
FIRST QUARTER 2019
 Sites 2 and 12, First Quarter 2019
 Groundwater and Soil Gas Monitoring and Treatment System Report, Former Fort Ord, California

	By: TJH	Project No. 8418191360
	Date: 04/23/2019	Figure 12

