

Former Fort Ord Sites 2 and 12 Data and Status

HTW BCT Meeting, October 10, 2018

Table 1: Sites 2/12 GWTP and SVTU Statistics as of September 30, 2018

Monthly Statistics	Volume Treated	Average Flow	Percent of Time Online	COC Mass Removed (pounds)
September 2018 GWTP	4,843,152 gal	112 gpm	100	0.31
Total since April 1999	2.048 billion gal			485
September 2018 SVTU	14,686,560	486 scfm	99.6	0.02
Total since September 2015	1.231 billion scf			9.5

September 2018 Key Events for Sites 2/12

- September 14: SVETS routine monthly inspections and maintenance, sumps empty.
- September 17: GWTP routine sampling.

October 2018 Key Events for Sites 2/12

- Manual 2/12 GWTS operations during OU2 transition period.

Table 2: September 2018 – Sites 2/12 Treated Water Analytical Results at TS-212-INJ

COC	Discharge Limit (µg/L) ²	Sample Date / Analytical Results
		09/17/2018
1,1-Dichloroethene (1,1-DCE)	6.0	ND (0.25)
1,2-Dichloroethane (1,2-DCA)	0.50	0.19 J
1,3-dichloropropene (1,3-DCP) ¹	0.50	ND (0.25)
Chloroform	2.0	0.29 J
cis-1,2-dichloroethene (cis-1,2-DCE)	6.0	0.45 J
Tetrachloroethene (PCE)	5.0	ND (0.25)
Trichloroethene (TCE)	5.0	ND (0.25)
Vinyl Chloride (VC)	0.10	ND (0.05)

Notes:

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

² Discharge 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



Table 3. Sites 2/12 Select Groundwater Extraction/Monitoring Well Data

Well Identification ³	Select COC Concentrations (µg/L) ⁴			
	2Q 2018	3Q 2018*	2Q 2018	3Q 2018*
	TCE		PCE	
ACL:	5.0		5.0	
EW-12-03-180M	3.3	2.0	0.42 J	0.12 J
EW-12-05-180M	2.5	2.4	0.86	0.82
EW-12-07-180M	2.9	2.5	0.51	0.47 J
EW-12-08-180U	0.50	0.52	10.2	12.3
MW-12-09R-180	3.1	2.8	0.45 J	0.41 J
MW-12-14-180M	3.1	3.0	0.41 J	0.42 J
MW-12-16-180M	1.4	1.4	ND (0.25)	ND (0.25)
MW-12-20-180U	0.13 J	0.15 J	2.5	7.7
MW-12-21-180U	ND (0.25)	ND (0.25)	0.13 J	0.49 J
MW-12-24-180U	ND (0.25)	ND (0.25)	0.81	0.60
MW-12-25-180U	ND (0.25)	ND (0.25)	0.16 J	0.49 J
MW-12-28-180U	ND (0.25)	ND (0.25)	0.41 J	0.32 J
MW-12-31-180M	ND (0.25)	ND (0.25)	0.31 J	0.29 J
MW-12-32-180U	0.96	0.48 J	0.47 J	0.41 J

Notes:

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

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

³ Extraction wells not listed have met the QAPP decision rules to no longer operate.

⁴ Concentration in **bold** and shaded exceeds the Aquifer Cleanup Level (ACL). Concentrations in gray text are ND.

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

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

COC: chemical of concern

µg/L: micrograms per liter

* Preliminary data