

Former Fort Ord Sites 2 and 12 Data and Status

HTW BCT Meeting, September 11, 2019

Table 1: Sites 2/12 GWTP and SVTU Statistics as of August 31, 2019

Monthly Statistics	Volume Treated	Average Flow	Percent of Time Online	COC Mass Removed (pounds)
August 2019 GWTP	6,249,600 gal	140 gpm	100.0	0.36
Total since April 1999	2.093 billion gal			487
August 2019 SVTU	0 scf	0 scfm	0	0
Total since September 2015	1.330 billion scf			9.7

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

COC	Discharge Limit (µg/L) ²	Sample Date / Analytical Results
		8/27/2019
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	ND (0.25)
Tetrachloroethene (PCE)	5.0	ND (0.25)
Trichloroethene (TCE)	5.0	ND (0.50)
Vinyl Chloride (VC)	0.10	ND (0.25)

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

August 2019 Key Events for Sites 2/12

- August 19-23: Third Quarter 2019 Annual Soil Gas Monitoring Event.
- August 26-Sept 4: Third Quarter 2019 Annual Groundwater Monitoring Event.

September 2019 Key Events for Sites 2/12

- SVETS to remain offline.



Ahtna



Table 3. Sites 2/12 Soil Gas Monitoring Results

Soil Gas Probe ID	3Q 2018	1Q 2019	2Q 2019	3Q 2019*	3Q 2018	1Q 2019	2Q 2019	3Q 2019*	Schedule
	PCE				TCE				
SG-12-01-65	ND	140	180	ND	ND	ND	ND	ND	Q ²
SG-12-02-10	<i>1,400</i>	<i>810</i>	<i>1,200</i>	<i>1,300</i>	ND	ND	ND	ND	Q ¹
SG-12-02-20	<i>1,200</i>	NS	NS	<i>860</i>	ND	NS	NS	ND	A
SG-12-02-30	<i>1,100</i>	NS	NS	<i>810</i>	ND	NS	NS	ND	A
SG-12-02-40	<i>920</i>	NS	NS	<i>690</i>	ND	NS	NS	ND	A
SG-12-02-50	<i>960</i>	NS	NS	<i>630</i>	ND	NS	NS	45 J	A
SG-12-02-57	<i>820</i>	NS	NS	<i>570</i>	ND	NS	NS	ND	A
SG-12-02-65	<i>680</i>	NS	NS	<i>580</i>	ND	NS	NS	ND	A
SG-12-04-10	ND	100	ND	62 J	ND	ND	100	580	Q ¹
SG-12-04-65	ND	ND	ND	54 J	ND	ND	90	400	Q ²
SG-12-06-10	ND	ND	ND	84	ND	ND	ND	ND	Q ¹
SG-12-06-70	NS	ND	NS	95	NS	ND	NS	ND	R
SG-12-16-60	ND	NS	NS	ND	590	NS	NS	560	R
SG-12-17-40	ND	NS	NS	ND	320	NS	NS	640	R
SG-12-20-10	<i>1,200</i>	NS	NS	<i>1,200</i>	ND	NS	NS	ND	A
SG-12-20-20	<i>720</i>	NS	NS	<i>750</i>	ND	NS	NS	ND	A

	SGCL (µg/m ³)	SG-SL (µg/m ³)
PCE	1,800	603
TCE	1,000	888

Notes:

*Preliminary results

A = Annual

J = estimated result below the limit of quantitation (LOQ)

ND = not detected above the limit of detection (LOD)

NS = not sampled

Q = Quarterly

R = Removed

Concentrations in **bold** exceed the SGCL

Concentrations in *italics* exceed the SG-SL

Results reported in micrograms per cubic meter (µg/m³)

¹ Quarterly probe due to proximity of store front in an area of historic soil gas concentrations above the SGCL.

² Will continue to sample probe quarterly if it is within the vicinity of the current groundwater plume above the ACL (probe adjacent to deepest probe will be sampled in lieu if deepest probe is in saturated zone).

Proposed changes in sample frequency: Remove SG-12-06-70 and SG-12-16-60 from sampling.















