

Former Fort Ord Operable Unit 2 Data and Status

HTW BCT Meeting, August 21, 2019

Table 1: OU2 GWTP Statistics as of July 31, 2019

Monthly Statistics	Volume Treated (gallons)	Average Flow (gallons per minute)	Percent of Time Online	COC Mass Removed (pounds)
July 2019	36,573,552	819	97.5	2.15
Total since October 1995	7.730 billion			859

Table 2: July 2019 – OU2 Analytical Results at TS-OU2-INJ-01

COC	Discharge Limit (µg/L)	Analytical Results (µg/L)
		7/8/2019
1,1-dichloroethane (1,1-DCA)	5.0*	0.20 J
1,2-dichloroethane (1,2-DCA)	0.5	ND (0.25)
1,2-dichloropropane (1,2-DCP)	0.5	ND (0.25)
Benzene	0.5	ND (0.25)
Carbon tetrachloride (CT)	0.5	ND (0.25)
Chloroform	2.0*	ND (0.25)
Cis-1,2-dichloroethene (cis-1,2-DCE)	6.0*	ND (0.25)
Methylene Chloride	0.5	ND (0.50)
Tetrachloroethene (PCE)	0.5	ND (0.25)
Trichloroethene (TCE)	0.5	ND (0.25)
Vinyl chloride (VC)	0.1	ND (0.05)

Notes:

COC: chemical of concern

µg/L: micrograms per liter

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

NS: not sampled.

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

TS-OU2-INJ: Injection point of compliance, the OU2 effluent pipeline.

*Discharge limits for low carbon affinity compounds were increased to the Aquifer Cleanup Level (ACL).

Results in italics are above the discharge limit, and results in **bold** and shaded are concentrations above the ACL

Results in gray are ND

July 2019 Key Events for OU2

- July 16: OU2 GWTP shut down for 18.5 hours due to server cable problem, which was fixed and the GWTP restarted July 17.
- July 23: EW-OU2-18-A offline due to plumbing leak. Repaired and restarted August 1.
- July 28: EW-OU2-12-180 shut down due to a VFD fault and would not restart.

August 2019 Key Events for OU2

- August 8: EW-OU2-17-A and EW-OU2-18-A restarted normally after SCADA issue repaired. EW-OU2-12-180 still offline.
- August 26-30: Third Quarter 2019 Annual Groundwater Monitoring Event.
- Prepare for Western Network and EW-OU2-09-A connection and operation.



Ahtna