

Former Fort Ord Operable Unit 2 Data and Status

HTW BCT Meeting, March 18, 2020

Table 1: Jan-Feb 2020 – OU2 GWTP Statistics

Monthly Statistics	Volume Treated (gallons)	Average Flow (gallons per minute)	Percent of Time Online	COC Mass Removed (pounds)
January 2020	37,403,866	838	92.5	2.36
February 2020	34,094,598	816	97.3	2.15
Total since October 1995	8.004 billion			880

Table 2: Jan-Feb 2020 – OU2 Analytical Results at TS-OU2-INJ-01

COC	Discharge Limit (µg/L)	Analytical Results (µg/L)	
		1/6/2020	2/4/2020
1,1-dichloroethane (1,1-DCA)	5.0*	0.53	0.56
1,2-dichloroethane (1,2-DCA)	0.5	0.18 J	0.18 J
1,2-dichloropropane (1,2-DCP)	0.5	ND (0.25)	ND (0.25)
Benzene	0.5	ND (0.25)	ND (0.25)
Carbon tetrachloride (CT)	0.5	ND (0.25)	ND (0.25)
Chloroform	2.0*	0.28 J	0.30 J
Cis-1,2-dichloroethene (cis-1,2-DCE)	6.0*	0.45 J	0.51
Methylene Chloride	0.5	ND (0.50)	ND (0.50)
Tetrachloroethene (PCE)	0.5	ND (0.25)	ND (0.25)
Trichloroethene (TCE)	0.5	ND (0.25)	ND (0.25)
Vinyl chloride (VC)	0.1	ND (0.05)	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

January 2020 Key Events for OU2

- Jan 8: OU2 GWTP shut down for 6 hours due to overcurrent fault in the 180 wells.
- Jan 14-16: EW-OU2-05-A and -06-A video log, redevelopment, and pump replacement.
- Jan 15: EW-OU2-12-180 offline due to failed pump.
- Jan 21-22: OU2 GWTP shut down for 10 hours due to a programming issue. EW-OU2-10-A offline.
- Jan 25-27: Isolation valve leak at EW-OU2-03-180 on Jan 25 causing <72k gallons untreated water to flow onto Landfills and infiltrate surface (2 grams COCs). GWTP shut down for 40 hours 25-27. Valve repaired Jan 28. Agencies notified Jan 29. EW-OU2-03-180 online Feb 7.

February 2020 Key Events for OU2

- Feb 10-19: OU2 GWTP shut down 18.5 hours due to communications losses.

March 2020 Key Events for OU2

- March 2-6: First Quarter 2020 Groundwater Monitoring Event.
- Replace failed pump in EW-OU2-12-180.

April 2020 Key Events for OU2

- JV to repair/replace failed flow meter in EW-OU2-02-180R and -12-180.
- JV setup leak detection system in Western Network.
- Prepare for Western Network and EW-OU2-09-A connection and operation.
- Turnover of new OU2 GWTP to Government.
- Coordinate with Sea Haven adjustment/replacement of 5 MWs: MW-OU2-05-A, -05-180, -07-A, -07-180, and -07-400. Comments on Draft Work Plan submitted Feb 14.
- Coordinate with Kimley-Horn adjustment of infrastructure during Imjin Parkway widening/roundabout construction. Comments on revised Work Plan submitted Feb 24. Scheduled to begin construction in May.
- Troubleshoot and improve communications at OU2 GWTP.

