Former Fort Ord Operable Unit 2 Data and Status

HTW BCT Meeting, September 11, 2019

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

Monthly Statistics	Volume Treated (gallons)	Average Flow (gallons per minute)	Percent of Time Online	COC Mass Removed (pounds)
August 2019	43,991,716	985	99.9	2.40
Total since October 1995	7.774 billion			861

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

COC	Discharge Limit (µg/L)	Analytical Results (µg/L) 8/5/2019
1,1-dichloroethane (1,1-DCA)	5.0*	0.32 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

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.

- Aug 26: EW-OU2-17-A, EW-OU2-18-A, and EW-OU2-12-180 online, VFD fault fixed by JV.

- August 26-Sept 4: Third Quarter 2019 Annual Groundwater Monitoring Event.

- August 29: EW-OU2-03-180 offline for JV work to repair western OU2 GWTP influent failed flange.

September 2019 Key Events for OU2

- JV setup leak detection system in Western Network.

- JV to repair/replace failed flow meter in EW-OU2-02-180R.

- Prepare for Western Network and EW-OU2-09-A connection and operation.

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