TABLE 2.1
Analytical Results for Groundwater Sampling (19 July 2016)
Red Hill Bulk Storage Facility
July 2016 Quarterly Monitoring Report

Method	Chemical	DOH EAL	OWDFMW01 (ERH044)					HDMW2253-03 (ERH043)					RHMW04 (ERH048)					RHMW06 (ERH047)					RHMW07 (ERH045)					RHMW07 (ERH046 Duplicate of ERH045)				
			Result	Q	LOQ	LOD	DL	Result	Q	LOQ	LOD	DL	Result	Q	LOQ	LOD	DL	Result	Q	LOQ	LOD	DL	Result	Q	LOQ	LOD	DL	Result	Q	LOQ	LOD	DL
EPA 8015C	TPH-g	100	ND	U	50	25	8.3	ND	U	50	25	8.3	ND	U	50	25	8.3	ND	U	50	25	8.3	ND	U	50	25	8.3	ND	U	50	25	8.3
	TPH-d	100	ND	U (F)	54	22	12	ND	U (F)	54	22	12	ND>LOD	U (F)	55	22	13	ND	U	56	23	13	ND	U	53	22	12	ND	U (F)	54	22	12
	TPH-o	100	ND	U (B,F)	110	54	21	ND	U (B,F)	110	54	21	ND	U (B,F)	110	55	21	ND	U (B,F)	120	56	22	ND	U (B,F)	110	53	21	160	O	110	54	21
EPA 8270D SIM	1-Methylnaphthalene	4.7	ND>LOD	U	0.020	0.0050	0.0035	ND>LOD	U	0.020	0.0050	0.0035	0.0070	J	0.020	0.0050	0.0035	ND>LOD	U	0.020	0.0050	0.0035	ND>LOD	U	0.020	0.0050	0.0035	ND>LOD	U	0.020	0.0050	0.0035
	2-Methylnaphthalene	10	0.0027	J	0.020	0.0050	0.0023	0.0027	J	0.020	0.0050	0.0023	0.0068	J	0.020	0.0050	0.0023	ND>LOD	U	0.020	0.0050	0.0023	0.0037	J	0.020	0.0050	0.0023	0.0033	J	0.020	0.0050	0.0023
	Naphthalene	17	ND>LOD	U (B,F)	0.020	0.0050	0.0038	ND>LOD	U (B,F)	0.020	0.0050	0.0038	0.18		0.020	0.0050	0.0038	ND	U (B,F)	0.020	0.0050	0.0038	ND>LOD	U (B,F)	0.020	0.0050	0.0038	ND>LOD	U (B,F)	0.020	0.0050	0.0038
EPA 8260C	Benzene	5	ND>LOD	U	0.50	0.10	0.062	ND>LOD	U	0.50	0.10	0.062	ND>LOD	U	0.50	0.10	0.062	ND>LOD	U	0.50	0.10	0.062	ND>LOD	U	0.50	0.10	0.062	ND>LOD	U	0.50	0.10	0.062
	Ethylbenzene	30	ND>LOD	U	0.50	0.10	0.050	ND>LOD	U	0.50	0.10	0.050	ND>LOD	U	0.50	0.10	0.050	ND>LOD	U	0.50	0.10	0.050	ND>LOD	U	0.50	0.10	0.050	ND>LOD	U	0.50	0.10	0.050
	Toluene	40	ND>LOD	U	0.50	0.10	0.054	ND>LOD	U	0.50	0.10	0.054	ND>LOD	U	0.50	0.10	0.054	ND>LOD	U	0.50	0.10	0.054	ND>LOD	U	0.50	0.10	0.054	ND>LOD	U	0.50	0.10	0.054
	Xylenes, Total	20	ND>LOD	U	0.50	0.20	0.074	ND>LOD	U	0.50	0.20	0.074	ND>LOD	U	0.50	0.20	0.074	ND>LOD	U	0.50	0.20	0.074	ND>LOD	U	0.50	0.20	0.074	ND>LOD	U	0.50	0.20	0.074

Data are reported in micrograms per liter (µg/L).

B	Compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered not detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
F	Presumed contamination from FB (field blank) or ER (equipment rinse sample).
DL	Detection limit
DOH EAL	DOH Tier 1 Environmental Action Levels for groundwater where groundwater is a current drinking water source (DOH, Fall 2011).
LOD	Limit of Detection
LOQ	Limit of Quantitation
ND>LOD	Not Detected above the LOD
Q	Qualifiers
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the LOD and/or LOQ.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.