

Facility 441100 Spill Release Point - Soil Analytical Table																	
						Soil to Groundwater Limits											
						benzene	toluene	ethylbenzene	Xylenes (total)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	naphthalene	Gasoline Range Hydrocarbons	C10-C28 (ORO)	C28-C36 (ORO)	TPH (Calculated)	
Soil to Groundwater						0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	NL	NL	NL	500	
COGCC Table 915-1 Concentration Levels						0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	NL	NL	NL	500	
1.25 Times Highest Background																	
Units	Sample	Lab Sample ID	Sample Date	Background	Latitude	Longitude	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
							benzene	toluene	ethylbenzene	Xylenes (total)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	naphthalene	Gasoline Range Hydrocarbons	C10-C28 (DRO)	C28-C36 (ORO)	TPH (Calculated)
	Background1@2'	2209331-11	9/15/2022	TRUE	40.78111	-106.24110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Background2@2'	2209331-12	9/15/2022	TRUE	40.78120	-106.24111	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Background3@2'	2209331-13	9/15/2022	TRUE	40.78127	-106.24112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Background4@2'	2209331-14	9/15/2022	TRUE	40.78151	-106.24104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Background5@2'	2209331-15	9/15/2022	TRUE	40.78153	-106.24090	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Background6@2'	2209331-16	9/15/2022	TRUE	40.78159	-106.24082	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-1@2'	2209331-01	9/15/2022	FALSE	40.78114	-106.24091	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SS-2@4'	2209331-02	9/15/2022	FALSE	40.78112	-106.24083	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SS-3@3'	2209331-03	9/15/2022	FALSE	40.78116	-106.24076	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SS-4@2'	2209331-04	9/15/2022	FALSE	40.78125	-106.24085	ND	ND	ND	ND	ND	ND	ND	ND	1700	370	2070
	SS-5@4'	2209331-05	9/15/2022	FALSE	40.78128	-106.24092	ND	ND	ND	ND	0.009	ND	ND	1.5	ND	ND	1.5
	SS-6@3'	2209331-06	9/15/2022	FALSE	40.78138	-106.24087	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SS-7@3'	2209331-07	9/15/2022	FALSE	40.78135	-106.24071	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SS-8@2'	2209331-08	9/15/2022	FALSE	40.78133	-106.24056	ND	ND	ND	ND	ND	ND	ND	ND	90	ND	90
	SS-9@2'	2209331-09	9/15/2022	FALSE	40.78131	-106.24041	ND	ND	ND	ND	ND	ND	ND	ND	510	200	710
	SS-10@2'	2209331-10	9/15/2022	FALSE	40.78120	-106.24086	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:  
mg/kg=milligram per kilogram  
mg/L=milligram per liter  
mmhos/cm=millimhos per centimeter  
ND=non-detect  
NA= Not Analyzed

Facility 441100 Spill																
	(sd)															
	acenaphthene	anthracene	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene	dibenzo(a,b)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene	2-methylnaphthalene	Boron	
Soil to Groundwater																
COGCC Table 915-1 Concentration Levels	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019	2	
1.25 Times Highest Background	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019	0.215	
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	
Sample	acenaphthene	anthracene	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene	dibenzo(a,b)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene	2-methylnaphthalene	Boron	
Background1@2'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.116	
Background2@2'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.172	
Background3@2'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.169	
Background4@2'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0915	
Background5@2'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0894	
Background6@2'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11	
SS-1@2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.793	
SS-2@4'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.508	
SS-3@3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.227	
SS-4@2'	ND	ND	ND	ND	ND	ND	0.0826	ND	ND	ND	ND	ND	ND	ND	0.347	
SS-5@4'	ND	ND	0.00614	ND	ND	ND	0.0295	ND	ND	0.00635	ND	ND	ND	ND	0.618	
SS-6@3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.167	
SS-7@3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.235	
SS-8@2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.145	
SS-9@2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.118	
SS-10@2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0781	

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Facility 441100 Spill																	
	arsenic	barium	cadmium	copper	lead	nickel	selenium	silver	zinc	chromium (Hexavalent)	Calcium	Magnesium	Sodium	Sodium Adsorption Ratio (SAR)	% Solids	Specific Conductance (r	pH
Soil to Groundwater																	
COGCC Table 915-1 Concentration Levels	0.29	82	0.38	46	14	26	0.26	0.8	370	0.00067	NL	NL	NL	6	NL	4	6 to 8.3
1.25 Times Highest Background	3.925	166.25	0.42375	17.5	11.6875	11.325	0.9225	0.04225	65.5	0.00067	NL	NL	NL	1.65	NL	0.48	8.17
Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/L dry	mg/L dry	mg/L dry	Units	%	mmhos/cm	pH units
Sample	arsenic	barium	cadmium	copper	lead	nickel	selenium	silver	zinc	chromium (Hexavalent)	Calcium	Magnesium	Sodium	SAR	% Solids	EC	pH
Background1@2'	3.14	130	0.329	13	9.06	9.06	0.706	0.0338	50.4	ND	55.4	4.87	2.65	0.0916	97.2	0.409	8.17
Background2@2'	3.09	110	0.214	11.6	8.06	8.47	0.657	0.0324	44	ND	31.1	5.47	2.59	0.113	97.1	0.271	8.06
Background3@2'	2.75	105	0.339	11.8	7.91	7.51	0.495	0.0288	45.3	ND	37.6	7.1	3.08	0.121	98	0.341	7.72
Background4@2'	2.27	78.9	0.229	10.1	7.65	7.17	0.557	0.0248	37.4	ND	9.4	3.82	23.7	1.65	98.4	0.19	7.29
Background5@2'	2.85	109	0.248	11.3	8	7.59	0.676	ND	42.4	ND	38.4	12.4	18.6	0.668	98	0.48	7.92
Background6@2'	3.1	133	0.335	14	9.35	8.94	0.738	0.0262	52.4	ND	22.3	5.73	1.92	0.0938	97.7	0.22	7.62
SS-1@2'	4.47	111	ND	8.79	5.33	10.4	0.579	0.0512	29	ND	24.3	3.34	142	7.16	90.4	0.508	8.69
SS-2@4'	3.63	173	ND	7.41	6.06	11	0.661	0.0307	29.7	ND	22.2	5.83	374	18.3	87.4	1.08	8.91
SS-3@3'	4.91	180	ND	8.59	5.37	9.45	0.564	0.0483	26.8	ND	29.9	8.27	25.1	1.05	90.8	0.304	8.26
SS-4@2'	4.05	139	ND	7.24	4.57	9.16	0.558	0.053	24	ND	16.8	3.52	216	12.5	86.4	1.14	8.69
SS-5@4'	3.12	80.5	ND	9.21	5.59	11.5	0.544	0.0431	34	ND	7.01	1.77	112	9.79	94.1	0.573	8.78
SS-6@3'	3.12	84.3	ND	11.3	5.82	11.8	0.633	0.0795	35.7	ND	6.78	1.92	53	4.63	94.5	0.0561	8.59
SS-7@3'	3.18	128	ND	5.75	3.92	6.48	0.319	ND	19.6	ND	25.4	4.29	136	6.57	90.9	0.781	8.63
SS-8@2'	3.58	123	ND	9.53	5.78	9.01	0.557	0.0475	31.9	ND	33	5.12	151	6.46	93.2	0.916	8.45
SS-9@2'	3.27	109	0.22	11.3	8.21	9.72	0.668	0.0316	47.1	ND	65.3	9.3	8.81	0.27	96	0.502	8.22
SS-10@2'	4.62	213	0.274	10.1	5.29	11.9	0.813	0.0693	26.8	ND	60	4.89	6.78	0.226	87.5	0.223	8.16

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