

[illegible][illegible]

Notes:
mg/kg=milligram per kilogram
mg/L=milligram per liter
mmhos/cm=millimhos per centimeter
ND=non-detect

MCU #43 Injection 1																
	benzene	anthracene	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene	dibenz(a,h)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene	2-methylnaphthalene	Boron	arsenic
Soil to Groundwater																
COGCC Table 915-1 Concentration Levels	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	0.29	
1.25 Times Highest Background	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	6.825	
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	mg/kg dry
Sample	anthracene	benzo(a)anthracene	benzo(a)pyrene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene	dibenz(a,h)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene	2-methylnaphthalene	Boron	arsenic	
Background1@4'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.155	4.13	
Background2@4'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.213	4.14	
Background3@4'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.156	4.46	
Background4@4'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.235	5.46	
Background5@4'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.388	3.92	
Background6@4'	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.248	2.99	
SS-1@4'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.501	2.85	
SS-2@4'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.388	3.9	
SS-3@4'	ND	ND	0.00751	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.429	2.81	

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MCU #43 Injection L																	
Soil to Groundwater	barium	cadmium	copper	lead	nickel	selenium	silver	zinc	chromium (Hexavalent)	Calcium	Magnesium	Sodium	Sodium Adsorption Ratio (SAR)	% Solids	Specific Conductance (r	pH	
COGCC Table 915-1 Concentration Levels	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	3262.5	0.5075	23.25	278.75	15.75	1.24625	0.058125	73	0.00067	NL	NL	NL	0.148	NL	0.47	8.22	
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	barium	cadmium	copper	lead	nickel	selenium	silver	zinc	chromium (Hexavalent)	Calcium	Magnesium	Sodium	SAR	% Solids	EC	pH	
Background1@4'	201	0.272	13.2	9.31	11	0.817	0.0373	51.7	ND	57.1	6.8	2.67	0.089	95.2	0.164	8.22	
Background2@4'	146	0.25	13	8.05	12.2	0.74	0.0372	48.4	ND	87.6	9.17	1.9	0.0516	95.8	0.47	8.09	
Background3@4'	205	0.229	14.8	9.56	12.6	0.997	0.0392	53.8	ND	58.3	5.6	1.56	0.0523	95.8	0.347	8.09	
Background4@4'	2610	0.275	16	45.7	12	0.775	0.0407	77	ND	58.1	11.3	3.6	0.113	95.2	0.371	8.12	
Background5@4'	467	0.388	18.6	223	8.83	0.94	0.0465	49	ND	54.7	5.32	4.29	0.148	95.3	0.41	8.11	
Background6@4'	740	0.406	13.7	14.6	8.02	0.646	0.0294	58.4	ND	49.2	7.62	1.85	0.0648	96.6	0.33	7.72	
SS-1@4'	342	ND	8.52	4.83	8.5	0.802	0.0323	28.1	ND	165	144	338	4.64	88.2	2.76	7.95	
SS-2@4'	153	ND	10.7	6.93	10.7	0.729	0.0312	33.4	ND	56.3	21	503	14.5	91.5	2.41	8.16	
SS-3@4'	93.8	ND	8.75	5.1	8.92	0.463	0.0228	30	ND	51.5	19.4	467	14.1	94.4	0.816	8.19	

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