

Table 1
Sample Details

Citation - Bill 32-26 #5 - CIT.CO.0518.15
COGCC Remediation ID: 28872



Sample ID	Time Collected	Sample Date	Depth (ft. bgs)	Location Description	Latitude	Longitude	Color/Lithology
SS01	845	1/31/2024	5	Wellhead	38.89481	-102.07947	Brown coarse sand
GS01	850	1/31/2024	0.5	N surface	38.89484	-102.07947	brown fine silty sand
GS02	852	1/31/2024	0.5	E surface	38.89481	-102.07943	brown fine silty sand
GS03	854	1/31/2024	0.5	S surface	38.89478	-102.07947	brown fine silty sand
GS04	856	1/31/2024	0.5	W surface	38.89481	-102.07951	brown fine silty sand
BKG01	900	1/31/2024	5	SE of Former Pad	38.89469	-102.07923	White tan silty sand

Notes:

ft. bgs - Feet below ground surface

Table 2
Volatile Organic Compounds (VOCs)

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Sample ID	Depth	Sample Date	Location	PID ppm	Benzene	Toluene	Ethylbenzene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	Naphthalene	TPH
	ft. bgs				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COGCC Table 915-1 Protection of Groundwater Soil Screening Level Concentrations					0.0026 (M)	0.69 (M)	0.78 (M)	9.9 (M)	0.0081 (R)	0.0087 (R)	0.0038 (R)	500
COGCC Table 915-1 Allowable Residential Soil Screening Level Concentration					1.2	490	5.8	58	30	27	2	500
SS01	5	1/31/2024	Capped Wellhead	0.1	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50
BKG01	5	1/31/2024	SE of Former Pad	1.2	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

ft. bgs - Feet below ground surface

PID - Photoionization device

ppm - Parts per million

mg/kg - Milligrams per kilogram

NA - Not analyzed

Table 3
Soil Suitability Constituents
 Citation - Bill 32-26 #5 - CIT.CO.0518.15
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Sample ID	Depth	Sample Date	Location Description	EC	SAR	pH	Boron
	ft. bgs			mmhos/cm	ratio		mg/L
COGCC Table 915-1 Soil Suitability Concentrations				< 4	< 6	6-8.3	2
SS01	5	1/31/2024	Capped Wellhead	0.102	0.0562	8.93	0.0282
BKG01	5	1/31/2024	SE of Former Pad	0.159	0.259	8.89	0.0326

Notes:

ft. bgs - Feet below ground surface

EC = Electrical Conductivity

SAR = Sodium Adsorption Ratio

mmhos/cm - Millimhos per centimeter

mg/L - Milligrams per liter

BOLD = Constituent Concentration is in exceedance of COGCC Table 915-1 allowable limit but within Background Limits variance range.

Table 4
COGCC Rule 915 Soil Analysis - Metals

Citation - Bill 32-26 #5 - CIT.CO.0518.15

COGCC Remediation ID: 28872



Sample ID	Depth	Sample Date	Location	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Selenium	Silver	Zinc
	ft. bgs			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COGCC Table 915-1 Protection of Groundwater Soil Screening Level Concentrations				0.29 (M)	82 (M)	0.38 (M)	0.00067 (R)	46 (M)	14 (M)	26 (R)	0.26 (M)	0.8 (R)	370 (R)
COGCC Table 915-1 Allowable Residential Soil Screening Level Concentration				0.68	15000	71	0.3	3100	400	1500	390	390	23000
SS01	5	1/31/2024	Capped Wellhead	0.488	73.2	<0.200	<0.30	1.25	1.64	1.09	<0.260	<0.0200	3.15
BKG01	5	1/31/2024	SE of Former Pad	0.713	86.9	<0.200	<0.30	1.3	1.68	1.03	<0.260	<0.0200	3.01

Notes:

ft. bgs - Feet below ground surface

mg/kg - Milligrams per kilogram

ppm - Parts per million

BOLD = Constituent Concentration is in exceedance of COGCC Table 915-1 allowable limit but within 1.25x Background Limits

Table 5

PAHs

Citation - Bill 32-26 #5 - CIT.CO.0518.15

COGCC Remediation ID: 28872



Sample ID	Depth ft. bgs	Sample Date	Acenaphthene mg/kg	Anthracene mg/kg	Benzo(a)anthracene mg/kg	Benzo(a)pyrene mg/kg	Benzo(b)fluoranthene mg/kg	Benzo(k)fluoranthene mg/kg	Chrysene mg/kg	Dibenz(a,h)anthracene mg/kg	Fluoranthene mg/kg	Fluorene mg/kg	Indeno(1,2,3-cd)pyrene mg/kg	Pyrene mg/kg	1-Methylnaphthalene mg/kg	2-Methylnaphthalene mg/kg
COGCC Table 915-1 Protection of Groundwater SSLC			0.55 (R)	5.8 (R)	0.011 (R)	0.3 (R)	2.9 (R)	0.24 (M)	9 (R)	0.096 (R)	8.9 (R)	0.54 (R)	0.98 (R)	1.3 (R)	0.006 (R)	0.019 (R)
COGCC Table 915-1 Allowable Residential SSLC			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
SS01	5	1/31/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Notes:

SSLC = Soil Screening Level Concentration

ft. bgs - Feet below ground surface

mg/kg - Milligrams per kilogram