

Sample ID	Date Sampled	Depth (ft. bgs)	TPH ⁽²⁾	EC ⁽³⁾	SAR ⁽⁴⁾	pH	Boron	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)
COGCC Table 915-1 Residential Soil Screening Standards ⁽¹⁾			500 mg/kg	<4 mmhos/cm	<6	6-8.3	2 mg/L	1.2 mg/kg	490 mg/kg	5.8 mg/kg
SS01	10/29/2020	~6	NA	0.375	13.48	8.18	NA	NA	NA	NA
SS02	10/29/2020	~6	NA	0.635	11.23	7.58	NA	NA	NA	NA
SS03	10/29/2020	~6	NA	0.868	13.64	7.42	NA	NA	NA	NA
SS04	10/29/2020	~6	NA	0.661	14.71	7.30	NA	NA	NA	NA
W01@7	7/1/2021	7	ND	7.91	14.5	7.80	1.48	ND	0.00208	ND
N01@7	7/1/2021	7	ND	7.32	19.7	7.99	0.462	ND	ND	ND
S01@7	7/1/2021	7	ND	8.61	15.7	7.76	1.39	ND	ND	ND
E01@7	7/1/2021	7	ND	6.96	15.8	7.88	1.78	ND	ND	ND
B01@7	7/1/2021	7	ND	7.59	14.6	7.97	0.638	ND	ND	ND
C01@5	7/1/2021	~5	ND	7.82	16.0	7.73	1.73	ND	ND	ND
C02@5	7/1/2021	~5	ND	7.39	16.2	7.63	0.503	0.00486	0.00912	0.00282

Sample ID	Date Sampled	Depth (ft. bgs)	Total Xylenes (mg/kg)	1,2,4-trimethylbenzene (mg/kg)	1,3,5-trimethylbenzene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	benzo(a)anthracene (mg/kg)	benzo(b)fluoranthene (mg/kg)	benzo(k)fluoranthene (mg/kg)
COGCC Table 915-1 Residential Soil Screening Standards ⁽¹⁾			58 mg/kg	30 mg/kg	27 mg/kg	360 mg/kg	1,800 mg/kg	1.1 mg/kg	1.1 mg/kg	11 mg/kg
SS01	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
SS02	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
SS03	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
SS04	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
W01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
N01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
S01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
E01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
B01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
C01@5	7/1/2021	~5	ND	ND	ND	ND	ND	ND	ND	ND
C02@5	7/1/2021	~5	0.00984	ND	ND	0.0108	ND	ND	ND	ND

Sample ID	Date Sampled	Depth (ft. bgs)	benzo(a)pyrene (mg/kg)	chrysene (mg/kg)	dibenzo (a,h)anthracene (mg/kg)	fluoranthene (mg/kg)	fluorene (mg/kg)	indeno(1,2,3-cd)pyrene (mg/kg)	1-methylnaphthalene (mg/kg)	2-methylnaphthalene (mg/kg)
COGCC Table 915-1 Residential Soil Screening Standards ⁽¹⁾			0.11 mg/kg	110 mg/kg	0.11 mg/kg	240 mg/kg	240 mg/kg	1.1 mg/kg	18 mg/kg	24 mg/kg
SS01	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
SS02	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
SS03	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
SS04	10/29/2020	~6	NA	NA	NA	NA	NA	NA	NA	NA
W01@7	5/19/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
N01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
S01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
E01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	0.00419	0.00465
B01@7	7/1/2021	7	ND	ND	ND	ND	ND	ND	ND	ND
C01@5	7/1/2021	~5	0.00193	0.0051	ND	ND	0.00839	ND	0.0486	0.0589
C02@5	7/1/2021	~5	ND	0.00694	ND	ND	0.0175	ND	0.13	0.155

Sample ID	Date Sampled	Depth (ft. bgs)	naphthalene (mg/kg)	pyrene (mg/kg)	arsenic (mg/kg)	barium (mg/kg)	cadmium (mg/kg)	chromium (VI) (mg/kg)	copper (mg/kg)	lead (mg/kg)
COGCC Table 915-1 Residential Soil Screening Standards ⁽¹⁾			2 mg/kg	180 mg/kg	0.68 mg/kg	15,000 mg/kg	71 mg/kg	0.3 mg/kg	3,100 mg/kg	400 mg/kg
SS01	10/29/2020	~6	NA	NA	9.03	NA	NA	NA	NA	NA
SS02	10/29/2020	~6	NA	NA	6.13	NA	NA	NA	NA	NA
SS03	10/29/2020	~6	NA	NA	5.67	NA	NA	NA	NA	NA
SS04	10/29/2020	~6	NA	NA	6.41	NA	NA	NA	NA	NA
W01@7	7/1/2021	7	ND	ND	4.45	63	0.162	ND	21.3	19.1
N01@7	7/1/2021	7	ND	ND	0.87	59.7	0.059	ND	7.18	19.1
S01@7	7/1/2021	7	ND	ND	1.83	80.9	0.172	ND	18.8	13.2
E01@7	7/1/2021	7	0.00242	ND	5.65	243	0.369	ND	24.2	17.4
B01@7	7/1/2021	7	ND	ND	2.77	64.5	0.305	ND	22.2	16.6
C01@5	7/1/2021	~5	0.0231	ND	4.28	325	0.214	ND	22.6	13.8
C02@5	7/1/2021	~5	0.0784	0.00825	2.73	227	0.476	ND	17.5	9.49

Sample ID	Date Sampled	Depth (ft. bgs)	nickel (mg/kg)	selenium (mg/kg)	silver (mg/kg)	zinc (mg/kg)
COGCC Table 915-1 Residential Soil Screening Standards ⁽¹⁾			1,500 mg/kg	390 mg/kg	390 mg/kg	23,000 mg/kg
SS01	10/29/2020	~6	NA	NA	NA	NA
SS02	10/29/2020	~6	NA	NA	NA	NA
SS03	10/29/2020	~6	NA	NA	NA	NA
SS04	10/29/2020	~6	NA	NA	NA	NA
W01@7	7/1/2021	7	28.8	0.608	0.115	104
N01@7	7/1/2021	7	4.91	0.363	0.0516	30.2
S01@7	7/1/2021	7	15.1	0.533	0.0796	70.1
E01@7	7/1/2021	7	33	0.83	0.0925	101
B01@7	7/1/2021	7	29.3	0.826	0.0926	105
C01@5	7/1/2021	~5	22.3	0.969	0.105	91.2
C02@5	7/1/2021	~5	22.9	0.946	0.0825	51

Notes:

- Standards for soil are taken from COGCC Table 915-1
- TPH - total volatile and extractable hydrocarbons.
- EC - Electrical conductivity
- SAR - sodium adsorption ratio

BOLD = Result above closure criteria

SS01-SS04 samples collected prior to the rule change adopting Table 915-1

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

RRO = Total volatile petroleum hydrocarbons - residual range organics

DRO = Total volatile petroleum hydrocarbons - diesel range organics

BTEX = Total benzene, toluene, ethylbenzene, and total xylenes

mg/kg = Milligrams per kilogram

mmhos/cm = Millimhos per centimeter

mg/L = milligrams per liter

ft = Feet

bgs = Below ground surface

NA = Constituent not analyzed