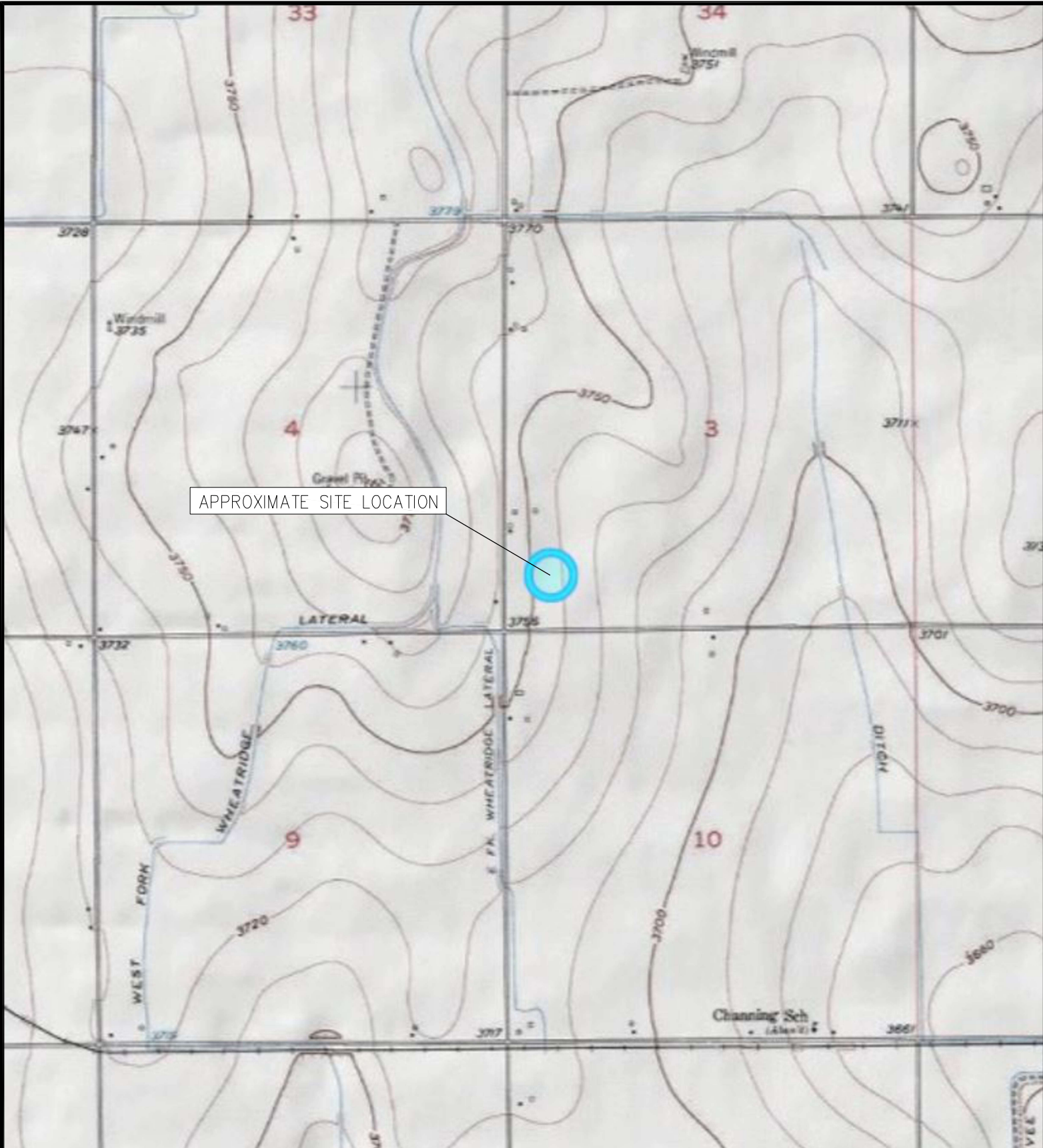




## **FIGURES**

**Figure 1: Topographic Site Location Map**

**Figure 2: Soil Sample Location Map**



TOPOGRAPHIC SITE LOCATION MAP

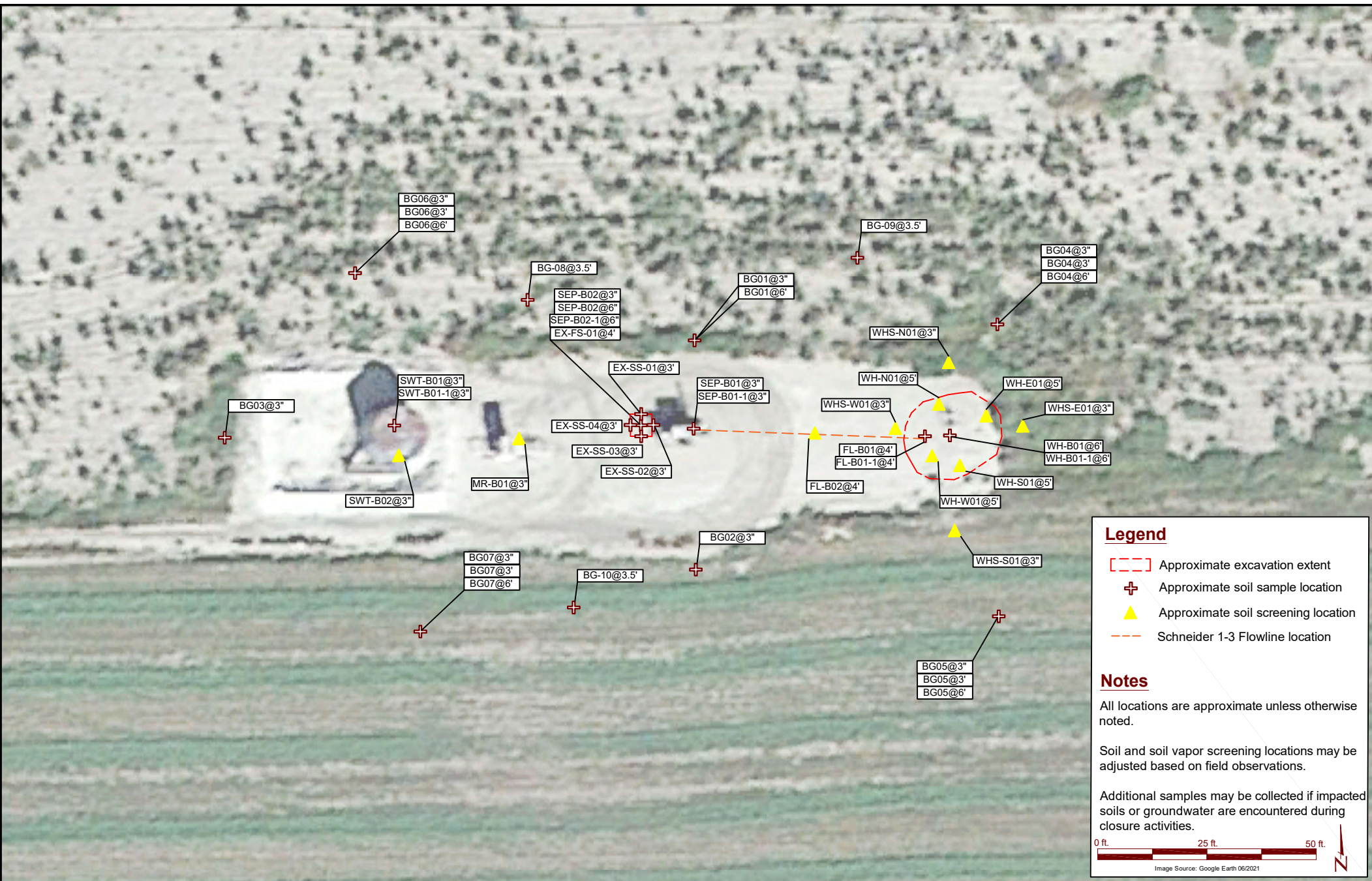
SCHNEIDER 1-3  
DECOMMISSION ASSESSMENT  
38.159891, -102.575001  
SW1/4 SW1/4 SEC.3 T22S R46W 6PM  
PROWERS COUNTY, COLORADO  
API 05-099-06248  
REMEDATION # 27407




**EAGLE**  
ENVIRONMENTAL  
CONSULTING, LLC

8000 W 44th Ave, Wheat Ridge, CO 80033  
Ph: 303-433-0479 • F: 303-325-5449





DATE: 08/14/24	 <b>EAGLE</b> ENVIRONMENTAL CONSULTING, LLC 8000 W 44th Ave, Wheat Ridge, CO 80033 Ph: 303-433-0479 • F: 303-325-5449	<b>Murfin Drilling Company, Inc.</b> <b>Schneider 1-3</b> SWSW Sec. 3-T22S-R46W Prowers County, Colorado	Soil Sample Location Map	Figure 2
DESIGNED BY: DAC				
DRAWN BY: DAC				



## **TABLES**

**Table 1: Photoionization Detector Reading Summary**

**Table 2: Soil Analytical Results Summary**

**Table 3: Polycyclic Aromatic Hydrocarbons Analytical Results Summary**

**Table 4: Metals Analytical Results Summary**



**TABLE 1**  
**PHOTOIONIZATION DETECTOR READING SUMMARY**  
**SCHNEIDER 1-3**  
**DECOMMISSION ASSESSMENT**  
**38.159891, -102.575001**  
**SW1/4 SW1/4 SEC.3 T22S R46W 6PM**  
**PROWERS COUNTY, COLORADO**  
**API 05-099-06248**  
**REMEDATION # 27407**

<b>Sample Location</b> (Latitude/Longitude)	<b>Date</b>	<b>Approximate Depth</b>	<b>PID Reading</b> (ppm-v)	<b>Lab Submission</b> (Y/N)
WH-B01 @ 6' (38.159878, -102.574995)	03/09/23	6'	3.6	Y
WH-N01 @ 5' (38.159903, -102.575003)	03/09/23	5'	4.3	N
WH-S01 @ 5' (38.159864, -102.574987)	03/09/23	5'	3.2	N
WH-E01 @ 5' (38.159893, -102.574965)	03/09/23	5'	1.7	N
WH-W01 @ 5' (38.159867, -102.575009)	03/09/23	5'	2.9	N
WHS-N01 @ 3" (38.159940, -102.575007)	03/09/23	3"	2.1	N
WHS-S01 @ 3" (38.159823, -102.574986)	03/09/23	3"	1.5	N
WHS-E01 @ 3" (38.159888, -102.574937)	03/09/23	3"	3.1	N
WHS-W01 @ 3" (38.159882, -102.575047)	03/09/23	3"	1.0	N
FL-B01 @ 4' (38.159877, -102.575016)	03/09/23	4'	2.7	Y
FL-B02 @ 4' (38.159884, -102.575100)	03/09/23	4'	2.9	N
SEP-B01 @ 3" (38.159886, -102.575192)	03/09/23	3"	1.1	Y
SEP-B02 @ 3" (38.159888, -102.575238)	03/09/23	3"	3.0	Y
MR-B01 @ 3" (38.159883, -102.575311)	03/09/23	3"	3.1	N
BG01 @ 3" (38.159938, -102.575184)	03/09/23	3"	1.6	Y
BG01 @ 6' (38.159938, -102.575184)	03/09/23	6'	3.7	Y
SWT-B01 @ 3" (38.159885, -102.575411)	05/04/23	3"	2.4	Y



**TABLE 1**  
**PHOTOIONIZATION DETECTOR READING SUMMARY**  
**SCHNEIDER 1-3**  
**DECOMMISSION ASSESSMENT**  
**38.159891, -102.575001**  
**SW1/4 SW1/4 SEC.3 T22S R46W 6PM**  
**PROWERS COUNTY, COLORADO**  
**API 05-099-06248**  
**REMEDIAION # 27407**

<b>Sample Location</b> (Latitude/Longitude)	<b>Date</b>	<b>Approximate Depth</b>	<b>PID Reading</b> (ppm-v)	<b>Lab Submission</b> (Y/N)
SWT-B02 @ 3" (38.159865, -102.575410)	05/04/23	3"	2.9	N
SEP-B02 @ 6" (38.159884, -102.575229)	05/04/23	6"	1.8	Y
BG02 @ 3" (38.159817, -102.575183)	05/04/23	3"	1.4	Y
BG03 @ 3" (38.159881, -102.575519)	05/04/23	3"	1.6	Y
WH-B01-1 @ 6' (38.159878, -102.574995)	04/24/24	6'	0.8	Y
FL-B01-1 @ 4' (38.159877, -102.575016)	04/24/24	4'	0.0	Y
SEP-B01-1 @ 3" (38.159886, -102.575192)	04/24/24	3"	0.2	Y
SEP-B02-1 @ 6" (38.159888, -102.575238)	04/24/24	6"	0.2	Y
SWT-B01-1 @ 3" (38.159885, -102.575411)	04/24/24	3"	0.2	Y
BG04 @ 3" (38.159952, -102.574975)	04/24/24	3"	0.9	Y
BG04 @ 3' (38.159952, -102.574975)	04/24/24	3'	0.8	Y
BG04 @ 6' (38.159952, -102.574975)	04/24/24	6'	0.1	Y
BG05 @ 3" (38.159784, -102.574971)	04/24/24	3"	0.4	Y
BG05 @ 3' (38.159784, -102.574971)	04/24/24	3'	0.3	Y
BG05 @ 6' (38.159784, -102.574971)	04/24/24	6'	0.4	Y
BG06 @ 3" (38.159984, -102.575446)	04/24/24	3"	0.4	Y
BG06 @ 3' (38.159984, -102.575446)	04/24/24	3'	0.8	Y



**TABLE 1**  
**PHOTOIONIZATION DETECTOR READING SUMMARY**  
**SCHNEIDER 1-3**  
**DECOMMISSION ASSESSMENT**  
**38.159891, -102.575001**  
**SW1/4 SW1/4 SEC.3 T22S R46W 6PM**  
**PROWERS COUNTY, COLORADO**  
**API 05-099-06248**  
**REMEDIACTION # 27407**

Sample Location (Latitude/Longitude)	Date	Approximate Depth	PID Reading (ppm-v)	Lab Submission (Y/N)
BG06 @ 6' (38.159984, -102.575446)	04/24/24	6'	0.8	Y
BG07 @ 3" (38.159779, -102.575404)	04/24/24	3"	0.6	Y
BG07 @ 3' (38.159779, -102.575404)	04/24/24	3'	0.0	Y
BG07 @ 6' (38.159779, -102.575404)	04/24/24	6'	0.1	Y
EX-SS-01 @ 3' (38.159902, -102.575247)	07/30/24	3'	0.4	Y
EX-SS-02 @ 3' (38.159894, -102.575237)	07/30/24	3'	0.2	Y
EX-SS-03 @ 3' (38.159888, -102.575245)	07/30/24	3'	0.2	Y
EX-SS-04 @ 3' (38.159894, -102.575255)	07/30/24	3'	0.1	Y
EX-FS-01 @ 4' (38.159895, -102.575247)	07/30/24	4'	0.2	Y
BG-08 @ 3.5' (38.159965, -102.575319)	07/30/24	3.5'	0.1	Y
BG-09 @ 3.5' (38.159993, -102.575076)	07/30/24	3.5'	0.1	Y
BG-10 @ 3.5' (38.159786, -102.575292)	07/30/24	3.5'	0.1	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = photoionization detector				





TABLE 2  
SOIL ANALYTICAL RESULTS SUMMARY  
SCHNEIDER 1-3  
DECOMMISSION ASSESSMENT  
38.159891, -102.575001  
SW1/4 SW1/4 SEC.3 T22S R46W 6PM  
PROWERS COUNTY, COLORADO  
API 05-099-06248  
REMEDATION # 27407

Sample Location (Latitude/Longitude)	Date	Approximate Depth	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
CECMC Table 915-1 Residential Soil Screening Levels				1.20	490	5.8	58	500			30	27	2	<4	6-8.3	<6
CECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.0026	0.69	0.78	9.9	-			0.0081	0.0087	-	-	-	-
WH-B01 @ 6' (38.159878, -102.574995)	03/09/23	6'	3.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.659	1.02	8.03	1.66
FL-B01 @ 4' (38.159877, -102.575016)	03/09/23	4'	2.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.596	1.10	7.95	1.65
SEP-B01 @ 3" (38.159886, -102.575192)	03/09/23	3"	1.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.478	0.705	7.89	0.222
SEP-B02 @ 3" (38.159888, -102.575238)	03/09/23	3"	3.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	3.23	2.92	7.68	1.37
SEP-B02 @ 3" (38.159888, -102.575238)	03/09/23	3"	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.08	NA	NA	NA
SEP-B02 @ 3" (38.159888, -102.575238)	03/09/23	3"	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.41	NA	NA	NA
SWT-B01 @ 3" (38.159885, -102.575411)	05/04/23	3"	2.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	1.54	3.03	7.52	0.603
SEP-B02 @ 6" (38.159884, -102.575229)	05/04/23	6"	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.15	NA	NA	NA
SEP-B02 @ 6" (38.159884, -102.575229)	05/04/23	6"	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.99	NA	NA	NA
SEP-B02 @ 6" (38.159884, -102.575229)	05/04/23	6"	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.96	NA	NA	NA
EX-SS-01 @ 3' (38.159902, -102.575247)	07/30/24	3'	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.700	NA	NA	NA
EX-SS-02 @ 3' (38.159894, -102.575237)	07/30/24	3'	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.539	NA	NA	NA
EX-SS-03 @ 3' (38.159888, -102.575245)	07/30/24	3'	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.524	NA	NA	NA
EX-SS-04 @ 3' (38.159894, -102.575255)	07/30/24	3'	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.519	NA	NA	NA
EX-FS-01 @ 4' (38.159895, -102.575247)	07/30/24	4'	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.598	NA	NA	NA
Background																
BG01 @ 3" (38.159938, -102.575184)	03/09/23	3"	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.87	NA	NA	NA
BG01 @ 6" (38.159938, -102.575184)	03/09/23	6"	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.36	NA	NA	NA
BG02 @ 3" (38.159817, -102.575183)	05/04/23	3"	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.67	NA	NA	NA
BG03 @ 3" (38.159881, -102.57519)	05/04/23	3"	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.56	NA	NA	NA

TABLE 2  
SOIL ANALYTICAL RESULTS SUMMARY  
SCHNEIDER 1-3  
DECOMMISSION ASSESSMENT  
38.159891, -102.575001  
SW1/4 SW1/4 SEC.3 T22S R46W 6PM  
PROWERS COUNTY, COLORADO  
API 05-099-06248  
REMEDATION # 27407

Sample Location (Latitude/Longitude)	Date	Approximate Depth	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
CECMC Table 915-1 Residential Soil Screening Levels				1.20	490	5.8	58	500			30	27	2	<4	6-8.3	<6
CECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.0026	0.69	0.78	9.9	-			0.0081	0.0087	-	-	-	-
BG-08 @ 3.5' (38.159965, -102.575319)	07/30/24	3.5'	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.387	NA	NA	NA
BG-09 @ 3.5' (38.159993, -102.575076)	07/30/24	3.5'	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.403	NA	NA	NA
BG-10 @ 3.5' (38.159786, -102.575292)	07/30/24	3.5'	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.377	NA	NA	NA
CECMC = Colorado Energy & Carbon Management Commission				mg/kg = milligrams per kilogram				mg/L = milligrams per liter				mmhos/cm = millimhos per centimeter				
SAR = Sodium Adsorption Ratio				PID = Photoionization Detector				ppm-v = parts per million by volume				NA = Not Analyzed				
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics				1,2,4-TMB = 1,2,4-Trimethylbenzene												
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics				1,3,5-TMB = 1,3,5-Trimethylbenzene												
TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics																
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.																
Values presented in <b>BOLD</b> contained concentrations exceeding CECMC Table 915-1 Residential Soil Screening Level Limits and Background results where applicable.																

TABLE 3  
POLYCYCLIC AROMATIC HYDROCARBONS ANALYTICAL RESULTS SUMMARY  
SCHNEIDER 1-3  
DECOMMISSION ASSESSMENT  
38.159891, -102.575001  
SW1/4 SW1/4 SEC.3 T22S R46W 6PM  
PROWERS COUNTY, COLORADO  
API 05-099-06248  
REMEDATION # 27407

Sample Location (Latitude/Longitude)	Date	Approximate Depth	PID Reading (ppm-v)	1-Methyl- naphthalene (mg/kg)	2-Methyl- naphthalene (mg/kg)	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)	Dibenzo(a,h)- anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3- cd)-pyrene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)	
CECMC Table 915-1 Residential Soil Screening Levels				18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	2	180	
CECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.006	0.019	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	0.0038	1.3	
WH-B01 @ 6" (38.159878, -102.574995)	03/09/23	6'	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00380	NA	
FL-B01 @ 4" (38.159877, -102.575016)	03/09/23	4'	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00380	NA	
SEP-B01 @ 3" (38.159886, -102.575192)	03/09/23	3"	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00380	NA	
SEP-B02 @ 3" (38.159888, -102.575238)	03/09/23	3"	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00380	NA	
SWT-B01 @ 3" (38.159885, -102.575411)	05/04/23	3"	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00380	NA	
WH-B01-1 @ 6" (38.159878, -102.574995)	04/24/24	6'	0.8	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.020	
FL-B01-1 @ 4" (38.159877, -102.575016)	04/24/24	4'	0.0	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.020	
SEP-B01-1 @ 3" (38.159886, -102.575192)	04/24/24	3"	0.2	0.008	0.017	<0.020	<0.020	0.014	0.022	0.021	<0.020	0.021	<0.020	0.021	<0.020	0.023	0.025	<0.020	
SEP-B02-1 @ 6" (38.159888, -102.575238)	04/24/24	6"	0.2	0.008	0.014	<0.020	<0.020	0.018	0.030	0.027	<0.020	0.026	<0.020	0.026	<0.020	0.029	0.024	0.027	
SWT-B01-1 @ 3" (38.159885, -102.575411)	04/24/24	3"	0.2	0.006	0.010	<0.020	<0.020	0.050	0.062	0.052	0.025	0.057	<0.020	0.081	<0.020	0.049	0.025	0.087	
CECMC = Colorado Energy & Carbon Management Commission				PID = Photoionization Detector				ppm-v = parts per million by volume				mg/kg = milligrams per kilogram				NA = Not Analyzed			
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.																			



TABLE 4  
METALS ANALYTICAL RESULTS SUMMARY  
SCHNEIDER 1-3  
DECOMMISSION ASSESSMENT  
38.159891, -102.575001  
SW1/4 SW1/4 SEC.3 T22S R46W 6PM  
PROWERS COUNTY, COLORADO  
API 05-099-06248  
REMEDATION # 27407

Sample Location (Latitude/Longitude)	Date	Approximate Depth	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
<b>CECMC Table 915-1 Residential Soil Screening Levels</b>			<b>0.68**</b>	<b>15,000</b>	<b>71</b>	<b>0.3*</b>	<b>3,100</b>	<b>400</b>	<b>1,500</b>	<b>390</b>	<b>390</b>	<b>23,000</b>
<b>CECMC Table 915-1 Protection of Groundwater Soil Screening Levels</b>			<b>0.29**</b>	<b>82</b>	<b>0.38</b>	<b>0.00067*</b>	<b>46</b>	<b>14</b>	<b>26</b>	<b>0.26</b>	<b>0.8</b>	<b>370</b>
<b>Local Cleanup Level</b>			<b>9.92**</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
WH-B01-1 @ 6' (38.159878, -102.574995)	04/24/24	6'	<b>6.10**</b>	310	0.308	<0.121*	17.0	14.5	16.1	0.471	<0.0990	61.3
FL-B01-1 @ 4' (38.159877, -102.575016)	04/24/24	4'	<b>6.23**</b>	194	0.310	<0.162*	17.5	16.5	16.7	0.349	<0.0986	65.4
SEP-B01-1 @ 3" (38.159886, -102.575192)	04/24/24	3"	<b>7.48**</b>	209	1.01	<0.113*	22.9	33.7	19.2	0.400	0.181	114
SEP-B02-1 @ 6" (38.159888, -102.575238)	04/24/24	6"	<b>8.18**</b>	209	0.757	<0.120*	24.9	30.1	21.2	0.905	0.202	120
SWT-B01-1 @ 3" (38.159885, -102.575411)	04/24/24	3"	<b>6.21**</b>	190	0.551	<0.116*	19.2	21.3	16.1	0.846	0.177	86.8
<b>Background</b>												
BG04 @ 3" (38.159952, -102.574975)	04/24/24	3"	<b>7.88**</b>	208	0.820	<0.134*	24.7	30.7	21.1	0.945	0.214	122
BG04 @ 3' (38.159952, -102.574975)	04/24/24	3'	<b>6.35**</b>	163	0.309	<0.162*	17.9	13.8	17.2	<0.248	0.107	64.9
BG04 @ 6' (38.159952, -102.574975)	04/24/24	6'	<b>6.18**</b>	273	0.301	<0.171*	17.0	13.8	16.3	0.411	<0.0941	62.9
BG05 @ 3" (38.159784, -102.574971)	04/24/24	3"	<b>7.01**</b>	191	0.748	<0.108*	20.8	24.7	29.5	0.922	0.124	106
BG05 @ 3' (38.159784, -102.574971)	04/24/24	3'	<b>6.26**</b>	274	0.337	<0.151*	17.6	14.1	17.9	0.435	0.107	66.9
BG05 @ 6' (38.159784, -102.574971)	04/24/24	6'	<b>6.13**</b>	235	0.299	<0.171*	16.5	13.7	16.7	0.277	0.0952	63.6
BG06 @ 3" (38.159984, -102.575446)	04/24/24	3"	<b>7.16**</b>	205	0.668	<0.147*	21.1	24.5	18.4	0.788	0.158	103
BG06 @ 3' (38.159984, -102.575446)	04/24/24	3'	<b>6.61**</b>	194	0.493	<0.121*	18.4	18.8	16.8	0.496	0.136	77.7
BG06 @ 6' (38.159984, -102.575446)	04/24/24	6'	<b>5.81**</b>	223	0.305	<0.165*	17.3	13.5	16.2	<0.245	0.0950	64.5
BG07 @ 3" (38.159779, -102.575404)	04/24/24	3"	<b>7.94**</b>	198	0.896	<0.168*	24.7	28.6	20.7	0.961	0.159	121
BG07 @ 3' (38.159779, -102.575404)	04/24/24	3'	<b>6.29**</b>	123	0.297	<0.141*	17.1	14.6	17.1	0.369	<0.0936	64.9
BG07 @ 6' (38.159779, -102.575404)	04/24/24	6'	<b>5.57**</b>	328	0.271	<0.143*	15.2	12.4	14.8	0.275	<0.0901	57.0

CECMC = Colorado Energy & Carbon Management Commission

mg/kg = milligrams per kilogram

Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.

Values presented in **BOLD** contained concentrations exceeding CECMC Table 915-1 Residential Soil Screening Level Limits but within Background results

\*Achievable practical quantitative limits for Hexavalent Chromium in soils is in the range of 0.1 to 1 mg/kg

\*\*Arsenic is naturally occurring in Colorado. Local Cleanup Level (9.92 mg/kg) is 1.25 x Background (7.94 mg/kg)



## **ATTACHMENT A**

### **Photo Log**

# Schneider 1-3 Photographic Log Remediation #27407

Onsite Wellhead, Flowline, and Tank Battery Decommissioning





## Tank Battery



Tank battery sample locations looking west.



Tank battery soil sample locations looking north.



## Wellhead



Wellhead sample locations looking west.



Wellhead sample locations looking east.



## Wellhead



Wellhead sample locations looking west.



Wellhead sample locations looking east.



## Background



Background sample locations looking east.



Background sample locations looking north.

## Background



Wellhead background sample location looking west.



## Assessment 4/24/24



Facing north  
No petroleum hydrocarbon staining or odor observed



Facing north  
No petroleum hydrocarbon staining or odor observed



## Assessment 4/24/24



Facing north  
No petroleum hydrocarbon staining or odor observed



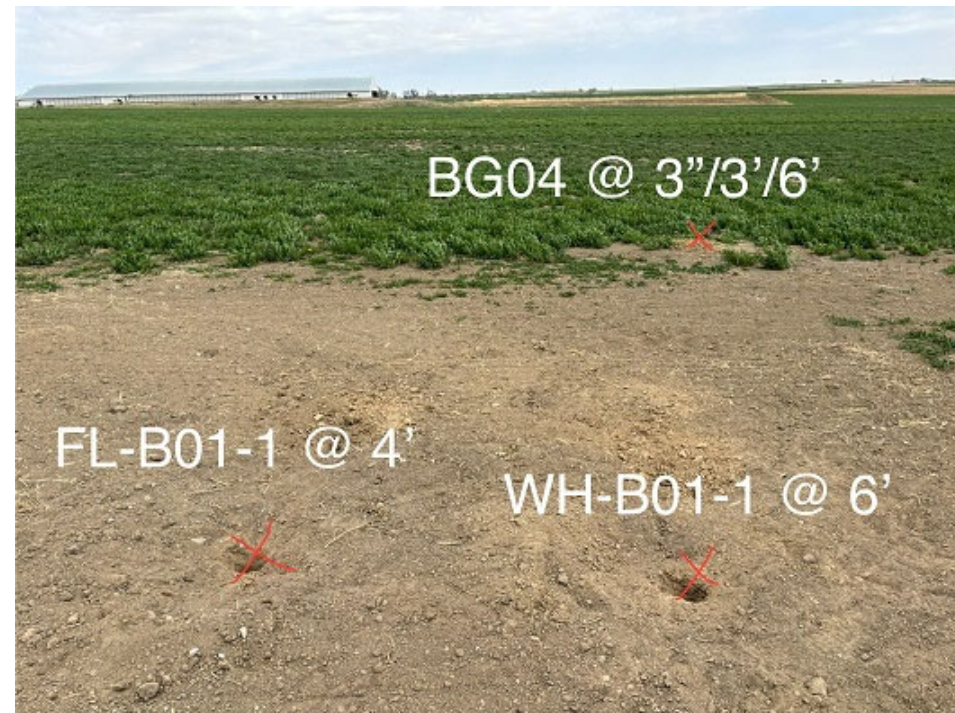
Facing north  
No petroleum hydrocarbon staining or odor observed



## Assessment 4/24/24



Facing north  
No petroleum hydrocarbon staining or odor observed



Facing north  
No petroleum hydrocarbon staining or odor observed

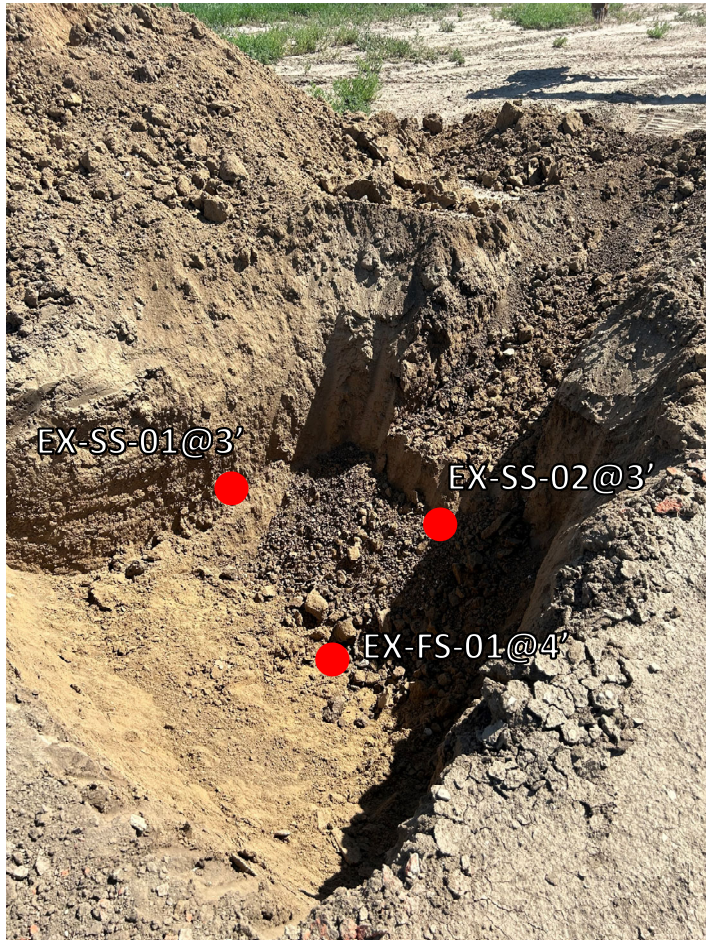
## Assessment 4/24/24



Facing north  
No petroleum hydrocarbon staining or odor observed



## Assessment 7/30/24



Facing NE  
No petroleum hydrocarbon staining or odor observed



Facing SW  
No petroleum hydrocarbon staining or odor observed





## **ATTACHMENT B**

### **Laboratory Analytical Reports**



March 31, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Schneider 1-3, Schneider  
62S46W/35WSW**

**Project Number - [none]**

Attached are your analytical results for Schneider 1-3, Schneider 62S46W/35WSW received by Origins Laboratory, Inc. March 10, 2023. This project is associated with Origins project number Y303278-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@6'	Y303278-01	Soil	March 9, 2023 11:47	03/10/2023 13:40
FL-B01@4'	Y303278-02	Soil	March 9, 2023 11:56	03/10/2023 13:40
SEP-B01@3"	Y303278-03	Soil	March 9, 2023 11:58	03/10/2023 13:40
SEP-B02@3"	Y303278-04	Soil	March 9, 2023 11:59	03/10/2023 13:40
BG01@3"	Y303278-05	Soil	March 9, 2023 12:01	03/10/2023 13:40
BG01@6'	Y303278-06	Soil	March 9, 2023 12:02	03/10/2023 13:40

Boron rerun was requested on SEP-B02@3" per Daniel's email on 03/29/2023, all 3 results are reported since there were no errors found in the data. JAB

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: 4303278 Client: Eagle  
Client Project ID: Schneider 1-3, Schneider  
Checklist Completed by: EHS/DE Shipped Via: HO 62546W/  
Date/time completed: 3/10/23 (UPS, FedEx, Hand Delivered, Pick-up, etc.) 35 WSW  
Airbill #: NA

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_  
Cooler Number/Temperature: 1 6.0 °C 1 °C 1 °C (Describe) °C  
Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)?	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 3/13/23

Origins Laboratory, Inc.

*J. Bynon*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

WH-B01@6'  
3/9/2023 11:47:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y303278-01 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.659	0.100	mg/L	1	B3C1404	CJM	03/14/2023	03/15/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3C1301	ZZZ	03/13/2023	03/15/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	83.3 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3C1041	ZZZ	03/11/2023	03/14/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Naphthalene	ND	0.00380	"	"	"	ZZZ	"	"	U
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	106 %	70-130			"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

WH-B01@6'

3/9/2023 11:47:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y303278-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	5.34	0.499	meq/L	10	[CALC]	CJM	03/15/2023	03/17/2023
Magnesium	2.00	0.823	"	"	"	CJM	"	"
Sodium	3.18	0.435	"	"	"	CJM	"	"

**pH in Soil by 9045D**

pH	8.03		pH Units	1	B3C1516	HJD	03/15/2023	03/16/2023
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**SAR by 20B Saturated Paste**

SAR	1.66		SAR	1	B3C1506	CJM	03/15/2023	03/17/2023
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.02	0.00500	mmhos/cm	1	B3C1516	HJD	03/15/2023	03/16/2023
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Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

FL-B01@4'

3/9/2023 11:56:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y303278-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.596	0.0998	mg/L	1	B3C1404	CJM	03/14/2023	03/15/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3C1301	ZZZ	03/13/2023	03/15/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	83.6 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3C1041	ZZZ	03/11/2023	03/14/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Naphthalene	ND	0.00380	"	"	"	ZZZ	"	"	U
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	88.2 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	112 %	70-130			"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

FL-B01@4'

3/9/2023 11:56:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y303278-02 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	6.45	0.499	meq/L	10	[CALC]	CJM	03/15/2023	03/17/2023
Magnesium	2.52	0.823	"	"	"	CJM	"	"
Sodium	3.49	0.435	"	"	"	CJM	"	"

**pH in Soil by 9045D**

pH	7.95		pH Units	1	B3C1516	HJD	03/15/2023	03/16/2023
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**SAR by 20B Saturated Paste**

SAR	1.65		SAR	1	B3C1506	CJM	03/15/2023	03/17/2023
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.10	0.00500	mmhos/cm	1	B3C1516	HJD	03/15/2023	03/16/2023
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Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

SEP-B01@3"  
3/9/2023 11:58:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y303278-03 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.478	0.0999	mg/L	1	B3C1404	CJM	03/14/2023	03/15/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3C1301	ZZZ	03/13/2023	03/15/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	83.1 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3C1041	ZZZ	03/11/2023	03/14/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Naphthalene	ND	0.00380	"	"	"	ZZZ	"	"	U
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"	
Surrogate: Toluene-d8	104 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	107 %	70-130			"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

SEP-B01@3"

3/9/2023 11:58:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y303278-03 (Soil)

## Metals by Saturated Paste by EPA 6010

Calcium	4.87	0.499	meq/L	10	[CALC]	CJM	03/15/2023	03/17/2023
Magnesium	1.38	0.823	"	"	"	CJM	"	"
Sodium	ND	0.435	"	"	"	CJM	"	"

## pH in Soil by 9045D

pH	7.89		pH Units	1	B3C1516	HJD	03/15/2023	03/16/2023
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## SAR by 20B Saturated Paste

SAR	0.222		SAR	1	B3C1506	CJM	03/15/2023	03/17/2023
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.705	0.00500	mmhos/cm	1	B3C1516	HJD	03/15/2023	03/16/2023
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Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

SEP-B02@3"

3/9/2023 11:59:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y303278-04 (Soil)

**Boron (DTPA Sorbitol)**

Boron	3.23	0.0999	mg/L	1	B3C1404	CJM	03/14/2023	03/15/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3C1301	ZZZ	03/13/2023	03/15/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	93.1 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3C1041	ZZZ	03/11/2023	03/14/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Naphthalene	ND	0.00380	"	"	"	ZZZ	"	"	U
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130			"	"	"
Surrogate: Toluene-d8	98.6 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	110 %	70-130			"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

SEP-B02@3"

3/9/2023 11:59:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y303278-04 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	21.1	0.499	meq/L	10	[CALC]	CJM	03/15/2023	03/17/2023
Magnesium	7.55	0.823	"	"	"	CJM	"	"
Sodium	5.19	0.435	"	"	"	CJM	"	"

**pH in Soil by 9045D**

pH	7.68		pH Units	1	B3C1516	HJD	03/15/2023	03/16/2023
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**SAR by 20B Saturated Paste**

SAR	1.37		SAR	1	B3C1506	CJM	03/15/2023	03/17/2023
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.92	0.00500	mmhos/cm	1	B3C1516	HJD	03/15/2023	03/16/2023
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Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

SEP-B02@3"

3/9/2023 11:59:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Y303278-04RE1 (Soil)

## Boron (DTPA Sorbitol)

Boron	3.08	0.0999	mg/L	1	B3C2913	KAP	03/14/2023	03/30/2023
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

SEP-B02@3"

3/9/2023 11:59:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Y303278-04RE2 (Soil)

## Boron (DTPA Sorbitol)

Boron	3.41	0.100	mg/L	1	B3C2913	KAP	03/14/2023	03/30/2023	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

BG01@3"

3/9/2023 12:01:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Y303278-05 (Soil)

## Boron (DTPA Sorbitol)

Boron	1.87	0.100	mg/L	1	B3C2305	KAP	03/23/2023	03/24/2023
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

BG01@6'

3/9/2023 12:02:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Y303278-06 (Soil)

## Boron (DTPA Sorbitol)

Boron	1.36	0.100	mg/L	1	B3C2305	KAP	03/23/2023	03/24/2023
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3C1041 - EPA 5030 (soil)</b>										
<b>Blank (B3C1041-BLK1)</b>					Prepared: 03/11/2023 Analyzed: 03/14/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.5	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		109	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3C1041 - EPA 5030 (soil)</b>										
<b>LCS (B3C1041-BS1)</b>					Prepared: 03/11/2023 Analyzed: 03/14/2023					
1,2,4-Trimethylbenzene	0.0981	0.00200	mg/kg	0.100		98.1	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.102	0.00200	"	0.100		102	70-130			
Ethylbenzene	0.0999	0.00200	"	0.100		99.9	70-130			
Naphthalene	0.0915	0.00380	"	0.100		91.5	70-130			
Toluene	0.0942	0.00200	"	0.100		94.2	70-130			
o-Xylene	0.0863	0.00200	"	0.100		86.3	70-130			
m,p-Xylene	0.200	0.00400	"	0.200		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.0	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3C1041 - EPA 5030 (soil)</b>										
<b>Matrix Spike (B3C1041-MS1)</b>		<b>Source: Y303257-01</b>			Prepared: 03/11/2023 Analyzed: 03/14/2023					
1,2,4-Trimethylbenzene	0.0835	0.00200	mg/kg	0.100	ND	83.5	70-130			
1,3,5-Trimethylbenzene	0.0874	0.00200	"	0.100	ND	87.4	70-130			
Benzene	0.0856	0.00200	"	0.100	ND	85.6	70-130			
Ethylbenzene	0.0941	0.00200	"	0.100	ND	94.1	70-130			
Naphthalene	0.0717	0.00380	"	0.100	ND	71.7	70-130			
Toluene	0.0782	0.00200	"	0.100	ND	78.2	70-130			
o-Xylene	0.0812	0.00200	"	0.100	ND	81.2	70-130			
m,p-Xylene	0.186	0.00400	"	0.200	ND	93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3C1041 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B3C1041-MSD1)</b>	<b>Source: Y303257-01</b>				Prepared: 03/11/2023 Analyzed: 03/14/2023					
1,2,4-Trimethylbenzene	0.0802	0.00200	mg/kg	0.100	ND	80.2	70-130	4.10	20	
1,3,5-Trimethylbenzene	0.0834	0.00200	"	0.100	ND	83.4	70-130	4.68	20	
Benzene	0.0909	0.00200	"	0.100	ND	90.9	70-130	6.01	20	
Ethylbenzene	0.0950	0.00200	"	0.100	ND	95.0	70-130	0.910	20	
Naphthalene	0.0726	0.00380	"	0.100	ND	72.6	70-130	1.19	20	
Toluene	0.0803	0.00200	"	0.100	ND	80.3	70-130	2.63	20	
o-Xylene	0.0796	0.00200	"	0.100	ND	79.6	70-130	1.89	20	
m,p-Xylene	0.190	0.00400	"	0.200	ND	94.8	70-130	1.84	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

## Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3C1301 - EPA 3580										
Blank (B3C1301-BLK1)					Prepared: 03/13/2023 Analyzed: 03/15/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		84.6	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3C1301 - EPA 3580

### LCS (B3C1301-BS1)

Prepared: 03/13/2023 Analyzed: 03/15/2023

Diesel (C10-C28)	906	50.0	mg/kg	1000		90.6	70-130			
Residual Range Organics (C28-C40)	931	200	"	1000		93.1	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.3	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch B3C1301 - EPA 3580

Matrix Spike (B3C1301-MS1)		Source: Y303278-01			Prepared: 03/13/2023 Analyzed: 03/15/2023					
Diesel (C10-C28)	860	50.0	mg/kg	1000	ND	86.0	70-130			
Residual Range Organics (C28-C40)	876	200	"	1000	ND	87.6	70-130			
Surrogate: o-Terphenyl	40		"	49.8		81.0	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B3C1301 - EPA 3580

Matrix Spike Dup (B3C1301-MSD1)		Source: Y303278-01			Prepared: 03/13/2023 Analyzed: 03/15/2023					
Diesel (C10-C28)	843	50.0	mg/kg	1000	ND	84.3	70-130	2.04	35	
Residual Range Organics (C28-C40)	856	200	"	1000	ND	85.6	70-130	2.25	35	
Surrogate: o-Terphenyl	40		"	49.8		81.3	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B3C1404 - DTPA Sorbitol Preparation

##### Blank (B3C1404-BLK1)

Prepared: 03/14/2023 Analyzed: 03/15/2023

Boron ND 0.100 mg/L

##### Duplicate (B3C1404-DUP1)

Source: Y303259-05

Prepared: 03/14/2023 Analyzed: 03/15/2023

Boron 5.84 0.0981 mg/L 7.07 19.1 50

#### Batch B3C1506 - Saturated Paste Metals

##### Blank (B3C1506-BLK1)

Prepared: 03/15/2023 Analyzed: 03/17/2023

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

##### Duplicate (B3C1506-DUP1)

Source: Y303267-04

Prepared: 03/15/2023 Analyzed: 03/17/2023

SAR 0.00 SAR 0.957 200 200

Calcium PPM 50.7 10.0 mg/L 57.0 11.8 50

Magnesium PPM 13.8 10.0 " 15.2 9.62 50

Sodium PPM 29.0 10.0 " 31.5 8.31 50

#### Batch B3C2305 - DTPA Sorbitol Preparation

##### Blank (B3C2305-BLK1)

Prepared: 03/23/2023 Analyzed: 03/24/2023

Boron ND 0.100 mg/L

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

## Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3C2305 - DTPA Sorbitol Preparation</b>										
<b>Duplicate (B3C2305-DUP1)</b>		<b>Source: Y303278-05</b>			Prepared: 03/23/2023 Analyzed: 03/24/2023					
Boron	1.88	0.100	mg/L		1.87			0.854	50	
<b>Batch B3C2913 - DTPA Sorbitol Preparation</b>										
<b>Blank (B3C2913-BLK1)</b>		Prepared: 03/29/2023 Analyzed: 03/30/2023								
Boron	ND	0.100	mg/L							
<b>Duplicate (B3C2913-DUP1)</b>		<b>Source: Y303719-12</b>			Prepared: 03/29/2023 Analyzed: 03/30/2023					
Boron	0.0382	0.0994	mg/L		0.0335			13.1	50	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/35WSW

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3C1516 - Saturated Paste pH/EC</b>										
<b>Blank (B3C1516-BLK1)</b>					Prepared: 03/15/2023 Analyzed: 03/16/2023					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B3C1516-DUP1)</b>					<b>Source: Y303267-04</b> Prepared: 03/15/2023 Analyzed: 03/16/2023					
Specific Conductance (EC)	0.708	0.00500	mmhos/cm		0.717			1.25	25	
pH	7.98		pH Units		8.00			0.250	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/35WSW

### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



May 31, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Schneider 1-3, Schneider  
62S46W/3SWSW**

**Project Number - [none]**

Attached are your analytical results for Schneider 1-3, Schneider 62S46W/3SWSW received by Origins Laboratory, Inc. May 05, 2023. This project is associated with Origins project number Y305181-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SWT-B01@3"	Y305181-01	Soil	May 4, 2023 13:45	05/05/2023 09:30
SEP-B02@6"	Y305181-02	Soil	May 4, 2023 13:47	05/05/2023 09:30
BG02@3"	Y305181-03	Soil	May 4, 2023 13:48	05/05/2023 09:30
BG03@3"	Y305181-04	Soil	May 4, 2023 13:49	05/05/2023 09:30

### Chain of Custody Modification Request

On 5/18/2023, Allie McNall from Eagle Environmental contacted Jordan Bynon via email regarding Y305181 requesting that SEP-B02@6" be taken off hold for Boron.

Requested modifications to the chain of custody were made by Jordan Bynon on 5/18/2023.

A Boron rerun was requested for SEP-B02@6" per Allie's email on 05/24/2023.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini, Project Manager



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

## Sample Receipt Checklist

Origins Work Order: 4805181

Client: Eagle Environ

Client Project ID: Schneider 1-3

Shipped Via: UPS Schneider 62S46W/3SWSW

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: na

Checklist Completed by: JEP/ELH

Date/time completed: 5/5/23

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 10 °C 1 / \_\_\_\_\_ °C 1 / \_\_\_\_\_ °C (Describe)

Thermometer ID: 7003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

5/8/23  
Date/Time Reviewed

Origins Laboratory, Inc.

Jen Pellegrini

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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## SWT-B01@3"

5/4/2023 1:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Y305181-01 (Soil) Origins Laboratory, Inc.

### Boron (DTPA Sorbitol)

Boron	1.54	0.0996	mg/L	1	B3E0809		05/08/2023	05/09/2023	
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### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3E0527		05/05/2023	05/08/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"		"	"	U

Surrogate: o-Terphenyl	93.2 %	50-150			"		"	"	
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### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3E0542		05/05/2023	05/06/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"		"	"	U
Benzene	ND	0.00200	"	"	"		"	"	U
Ethylbenzene	ND	0.00200	"	"	"		"	"	U
Naphthalene	ND	0.00380	"	"	"		"	"	U
Toluene	ND	0.00200	"	"	"		"	"	U
Xylenes, total	ND	0.00200	"	"	"		"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"		"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"		"	"	
Surrogate: Toluene-d8	87.7 %	70-130			"		"	"	
Surrogate: 4-Bromofluorobenzene	108 %	70-130			"		"	"	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

SWT-B01@3"

5/4/2023 1:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y305181-01 (Soil)

Origins Laboratory, Inc.

## Metals by Saturated Paste by EPA 6010

Calcium	18.6	0.499	meq/L	10	[CALC]		05/08/2023	05/10/2023	
Magnesium	7.85	0.823	"	"	"		"	"	
Sodium	2.19	0.435	"	"	"		"	"	

## pH in Soil by 9045D

pH	7.52		pH Units	1	B3E0810	D	05/08/2023	05/09/2023	
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## SAR by 20B Saturated Paste

SAR	0.603		SAR	1	B3E0804		05/08/2023	05/10/2023	
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.03	0.00500	mmhos/cm	1	B3E0810	D	05/08/2023	05/09/2023	
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

SEP-B02@6"

5/4/2023 1:47:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Y305181-02 (Soil)

Origins Laboratory, Inc.

## Boron (DTPA Sorbitol)

Boron	2.15	0.0986	mg/L	1	B3E1902	05/19/2023	05/22/2023
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

SEP-B02@6"

5/4/2023 1:47:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Y305181-02RE1 (Soil)  
Origins Laboratory, Inc.

## Boron (DTPA Sorbitol)

Boron	1.99	0.0984	mg/L	1	B3E2506	05/19/2023	05/26/2023
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager



Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

SEP-B02@6"

5/4/2023 1:47:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Y305181-02RE2 (Soil)  
Origins Laboratory, Inc.

## Boron (DTPA Sorbitol)

Boron	1.96	0.0985	mg/L	1	B3E2506	05/19/2023	05/26/2023
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

BG02@3"

5/4/2023 1:48:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y305181-03 (Soil)  
Origins Laboratory, Inc.

## Boron (DTPA Sorbitol)

Boron	1.67	0.0987	mg/L	1	B3E0809	05/08/2023	05/09/2023
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

BG03@3"

5/4/2023 1:49:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Y305181-04 (Soil)

Origins Laboratory, Inc.

## Boron (DTPA Sorbitol)

Boron	1.56	0.100	mg/L	1	B3E0809	05/08/2023	05/09/2023
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Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3E0527 - EPA 3550B										
Blank (B3E0527-BLK1)					Prepared: 05/05/2023 Analyzed: 05/08/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		94.1	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager



Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3E0527 - EPA 3550B

**LCS (B3E0527-BS1)**

Prepared: 05/05/2023 Analyzed: 05/08/2023

Diesel (C10-C28)	945	50.0	mg/kg	1000		94.5	70-130			
Residual Range Organics (C28-C40)	1020	200	"	1000		102	70-130			
Surrogate: o-Terphenyl	38		"	49.8		77.3	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3E0527 - EPA 3550B**

Matrix Spike (B3E0527-MS1)		Source: Y305091-01			Prepared: 05/05/2023 Analyzed: 05/08/2023					
Diesel (C10-C28)	919	50.0	mg/kg	1000	ND	91.9	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130			
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3E0527 - EPA 3550B

Matrix Spike Dup (B3E0527-MSD1)		Source: Y305091-01			Prepared: 05/05/2023 Analyzed: 05/08/2023					
Diesel (C10-C28)	985	50.0	mg/kg	1000	ND	98.5	70-130	6.95	35	
Residual Range Organics (C28-C40)	1060	200	"	1000	ND	106	70-130	4.78	35	
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3E0542 - EPA 5030 (soil)										
Blank (B3E0542-BLK1)					Prepared: 05/05/2023 Analyzed: 05/05/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	70-130			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3E0542 - EPA 5030 (soil)</b>										
<b>LCS (B3E0542-BS1)</b>					Prepared: 05/05/2023 Analyzed: 05/05/2023					
1,2,4-Trimethylbenzene	0.105	0.00200	mg/kg	0.100		105	70-130			
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100		109	70-130			
Benzene	0.0946	0.00200	"	0.100		94.6	70-130			
Ethylbenzene	0.104	0.00200	"	0.100		104	70-130			
Naphthalene	0.0955	0.00380	"	0.100		95.5	70-130			
Toluene	0.0857	0.00200	"	0.100		85.7	70-130			
o-Xylene	0.102	0.00200	"	0.100		102	70-130			
m,p-Xylene	0.210	0.00400	"	0.200		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3E0542 - EPA 5030 (soil)</b>										
<b>Matrix Spike (B3E0542-MS1)</b>		<b>Source: Y305208-01</b>			Prepared: 05/05/2023 Analyzed: 05/05/2023					
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	ND	101	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100	ND	103	70-130			
Benzene	0.0847	0.00200	"	0.100	ND	84.7	70-130			
Ethylbenzene	0.0983	0.00200	"	0.100	ND	98.3	70-130			
Naphthalene	0.0931	0.00380	"	0.100	ND	93.1	70-130			
Toluene	0.0794	0.00200	"	0.100	ND	79.4	70-130			
o-Xylene	0.0978	0.00200	"	0.100	ND	97.8	70-130			
m,p-Xylene	0.196	0.00400	"	0.200	ND	98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.7	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3E0542 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B3E0542-MSD1)</b>		<b>Source: Y305208-01</b>			Prepared: 05/05/2023 Analyzed: 05/05/2023					
1,2,4-Trimethylbenzene	0.0952	0.00200	mg/kg	0.100	ND	95.2	70-130	5.77	20	
1,3,5-Trimethylbenzene	0.0990	0.00200	"	0.100	ND	99.0	70-130	4.25	20	
Benzene	0.0818	0.00200	"	0.100	ND	81.8	70-130	3.46	20	
Ethylbenzene	0.0939	0.00200	"	0.100	ND	93.9	70-130	4.60	20	
Naphthalene	0.0959	0.00380	"	0.100	ND	95.9	70-130	2.90	20	
Toluene	0.0761	0.00200	"	0.100	ND	76.1	70-130	4.22	20	
o-Xylene	0.0923	0.00200	"	0.100	ND	92.3	70-130	5.83	20	
m,p-Xylene	0.186	0.00400	"	0.200	ND	93.0	70-130	5.34	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.9	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		90.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3E0804 - Saturated Paste Metals**

**Blank (B3E0804-BLK1)**

Prepared: 05/08/2023 Analyzed: 05/10/2023

SAR	0.00		SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	ND	10.0	"							U

**Duplicate (B3E0804-DUP1)**

Source: Y305128-01

Prepared: 05/08/2023 Analyzed: 05/10/2023

Calcium PPM	131	10.0	mg/L		152			14.8	50	
SAR	0.00		SAR		5.28			200	200	U
Magnesium PPM	51.2	10.0	mg/L		59.3			14.7	50	
Sodium PPM	264	10.0	"		303			13.9	50	

**Batch B3E0809 - DTPA Sorbitol Preparation**

**Blank (B3E0809-BLK1)**

Prepared: 05/08/2023 Analyzed: 05/09/2023

Boron	ND	0.100	mg/L							U
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**Duplicate (B3E0809-DUP1)**

Source: Y305172-01

Prepared: 05/08/2023 Analyzed: 05/09/2023

Boron	0.0591	0.0984	mg/L		0.0599			1.39	50	
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**Batch B3E1902 - DTPA Sorbitol Preparation**

**Blank (B3E1902-BLK1)**

Prepared: 05/19/2023 Analyzed: 05/22/2023

Boron	ND	0.100	mg/L							U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3E1902 - DTPA Sorbitol Preparation</b>										
<b>Duplicate (B3E1902-DUP1)</b>		<b>Source: Y305181-02</b>			Prepared: 05/19/2023 Analyzed: 05/22/2023					
Boron	2.13	0.0997	mg/L		2.15			0.855	50	
<b>Batch B3E2506 - DTPA Sorbitol Preparation</b>										
<b>Blank (B3E2506-BLK1)</b>		Prepared: 05/25/2023 Analyzed: 05/26/2023								
Boron	ND	0.100	mg/L							U
<b>Duplicate (B3E2506-DUP1)</b>		<b>Source: Y305627-01</b>			Prepared: 05/25/2023 Analyzed: 05/26/2023					
Boron	1.82	0.0982	mg/L		1.81			0.428	50	

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Schneider 1-3, Schneider  
62S46W/3SWSW

## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3E0810 - Saturated Paste pH/EC</b>										
<b>Blank (B3E0810-BLK1)</b>					Prepared: 05/08/2023 Analyzed: 05/09/2023					
Specific Conductance (EC)	0.00200	0.00500	mmhos/cm							
<b>Duplicate (B3E0810-DUP1)</b>					<b>Source: Y305128-01</b> Prepared: 05/08/2023 Analyzed: 05/09/2023					
pH	7.79		pH Units		7.85			0.767	25	
Specific Conductance (EC)	1.85	0.00500	mmhos/cm		2.08			11.6	25	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini, Project Manager

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Schneider 1-3, Schneider  
62S46W/3SWSW

### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini, Project Manager



May 07, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Murfin - Schneider 1-3, Schneider 62546W/35WSW**      **Project Number - [none]**

Attached are your analytical results for Murfin - Schneider 1-3, Schneider 62546W/35WSW received by Origins Laboratory, Inc. April 24, 2024. This project is associated with Origins project number Y404715-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01-1@6'	Y404715-01	Soil	April 24, 2024 9:00	04/24/2024 16:20
FL-B01-1@4'	Y404715-02	Soil	April 24, 2024 9:10	04/24/2024 16:20
SEP-B01-1@3"	Y404715-03	Soil	April 24, 2024 9:15	04/24/2024 16:20
SEP-B02-1@6"	Y404715-04	Soil	April 24, 2024 9:25	04/24/2024 16:20
SWT-B01-1@3"	Y404715-05	Soil	April 24, 2024 9:30	04/24/2024 16:20
BG04@3"	Y404715-06	Soil	April 24, 2024 9:45	04/24/2024 16:20
BG04@3'	Y404715-07	Soil	April 24, 2024 9:50	04/24/2024 16:20
BG04@6'	Y404715-08	Soil	April 24, 2024 9:55	04/24/2024 16:20
BG05@3"	Y404715-09	Soil	April 24, 2024 10:05	04/24/2024 16:20
BG05@3'	Y404715-10	Soil	April 24, 2024 10:10	04/24/2024 16:20
BG05@6'	Y404715-11	Soil	April 24, 2024 10:15	04/24/2024 16:20
BG06@3"	Y404715-12	Soil	April 24, 2024 10:25	04/24/2024 16:20
BG06@3'	Y404715-13	Soil	April 24, 2024 10:30	04/24/2024 16:20
BG06@6'	Y404715-14	Soil	April 24, 2024 10:35	04/24/2024 16:20

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG07@3"	Y404715-15	Soil	April 24, 2024 10:55	04/24/2024 16:20
BG07@3'	Y404715-16	Soil	April 24, 2024 11:00	04/24/2024 16:20
BG07@6'	Y404715-17	Soil	April 24, 2024 11:05	04/24/2024 16:20

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW



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page 1 of 2

Client: Eagle Environmental (Murfin)  
Address: 8000 W 44th Ave  
Wheat Ridge, CO 80033  
Telephone Number: 303-433-0479  
Email Address: dcoloccia@eagle-enviro.com

Project Manager: D. Coloccia  
Project Name: Schneider 1-3, Schneider 62546W/35WSW  
Project Number: -  
Samples Collected By: ZF

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative	Matrix	Analysis	Sample Instructions
WH-B01-1 C 6"	4/24/24	0900	3	X	Soil	Metals	1
FL-B01-1 C 4"		0910	3				2
SEP-B01-1 C 3"		0915	3				3
SEP-B02-1 C 3"		0920	3				4
SEP-B02-1 C 6"		0925	3				5
SWT-B01-1 C 3"		0930	3				6
B004 C 3"		0945	2				7
B004 C 3"		0950	2				8
B004 C 6"		0955	2				9
B005 C 3"		1005	2				10
Relinquished By: [Signature]	Date: 4/24/2024	Time: 1620		Received By: [Signature]	Date: 4/24/24	Time: 1620	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard

Temp Received- 3.9 Date Results Needed

Origins Laboratory, Inc.

[Signature]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**ORIGINS**  
LABORATORY, INC

www.originslaboratory.com

4404715

page 2 of 2

Client: Eagle Environmental (Murfin) Project Manager: D. Coloccia  
Address: 8000 W 44th Ave Project Name: Schneider 1-3, Schneider 62546W/35WSW  
Wheat Ridge, CO 80033 Project Number: -  
Telephone Number: 303-433-0479 Samples Collected By: SG  
Email Address: dcoloccia@eagle-env.com

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summng	Canister #	Other	
B605 @ 3'	4/24/14	1010	2	X					X				1
B605 @ 6'		1015											2
B606 @ 3"		1025											3
B606 @ 3'		1030											4
B606 @ 6'		1035											5
B607 @ 3"		1055											6
B607 @ 3'		1100											7
B607 @ 6'		1105											8
													9
													10

Relinquished By: <i>SG</i>	Date: 4/24/2014	Time: 1620	Received By: <i>SG</i>	Date: 4/24/2014	Time: 1620	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

Date Results Needed

Temp Received: 3.9

Origins Laboratory, Inc.

*J. Bynon*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

### Sample Receipt Checklist

Origins Work Order: 4404715

Client: Eagle

Client Project ID: Schneider 13...

Checklist Completed by: EHV

Shipped Via: HD

Date/time completed: 4/24/24

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: N/A

Matrix(s) Received: (Check all that apply): X Soil/Solid    Water    Other:    (Describe)

Cooler Number/Temperature: 1 13.9 °C    /    °C    /    °C    /    °C

Thermometer ID: 7005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

4/26/24  
Date/Time Reviewed

Origins Laboratory, Inc.

*J. Bynon*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

WH-B01-1@6'

4/24/2024 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404715-01 (Soil)**

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4D2544	04/25/2024	05/03/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	101 %	60-130	"	"	"
Surrogate: Anthracene-d10	95.3 %	60-130	"	"	"
Surrogate: Pyrene-d10	101 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

WH-B01-1@6'

4/24/2024 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-01 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.10	0.287	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	310	9.90	"	"	"	"	"
Cadmium	0.308	0.0990	"	"	"	"	"
Copper	17.0	9.90	"	"	"	"	"
Lead	14.5	0.990	"	"	"	"	"
Nickel	16.1	0.990	"	"	"	"	"
Selenium	0.471	0.258	"	"	"	"	"
Silver	ND	0.0990	"	"	"	"	"
Zinc	61.3	36.6	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.121	0.301	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

FL-B01-1@4'

4/24/2024 9:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404715-02 (Soil)**

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4D2544	04/25/2024	05/03/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	102 %	60-130	"	"	"
Surrogate: Anthracene-d10	94.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	97.3 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	105 %	60-130	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

FL-B01-1@4'

4/24/2024 9:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-02 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.23	0.286	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	194	9.86	"	"	"	"	"
Cadmium	0.310	0.0986	"	"	"	"	"
Copper	17.5	9.86	"	"	"	"	"
Lead	16.5	0.986	"	"	"	"	"
Nickel	16.7	0.986	"	"	"	"	"
Selenium	0.349	0.256	"	"	"	"	"
Silver	ND	0.0986	"	"	"	"	"
Zinc	65.4	36.5	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.162	0.405	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

SEP-B01-1@3"  
4/24/2024 9:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-03 (Soil)

## PAH by EPA 8270E

1-Methylnaphthalene	0.008	0.002	mg/kg	1	B4D2544	04/25/2024	05/03/2024	
2-Methylnaphthalene	0.017	0.002	"	"	"	"	"	
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	0.014	0.005	"	"	"	"	"	
Benzo (a) pyrene	0.022	0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.021	0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	0.021	0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	0.021	0.020	"	"	"	"	"	
Fluorene	ND	0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	0.023	0.020	"	"	"	"	"	
Naphthalene	0.025	0.002	"	"	"	"	"	
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	101 %	60-130	"	"	"
Surrogate: Anthracene-d10	93.9 %	60-130	"	"	"
Surrogate: Pyrene-d10	92.2 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	106 %	60-130	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

SEP-B01-1@3"  
4/24/2024 9:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-03 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	7.48	0.273	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	209	9.43	"	"	"	"	"
Cadmium	1.01	0.0943	"	"	"	"	"
Copper	22.9	9.43	"	"	"	"	"
Lead	33.7	0.943	"	"	"	"	"
Nickel	19.2	0.943	"	"	"	"	"
Selenium	0.400	0.245	"	"	"	"	"
Silver	0.181	0.0943	"	"	"	"	"
Zinc	114	34.9	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.113	0.283	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

SEP-B02-1@6"

4/24/2024 9:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404715-04 (Soil)**

**PAH by EPA 8270E**

1-Methylnaphthalene	0.008		0.002	mg/kg	1	B4D2544	04/25/2024	05/03/2024	
2-Methylnaphthalene	0.014		0.002	"	"	"	"	"	
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	0.018		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.030		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.027		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	0.026		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	0.026		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	0.029		0.020	"	"	"	"	"	
Naphthalene	0.024		0.002	"	"	"	"	"	
Pyrene	0.027		0.020	"	"	"	"	"	

Surrogate: Fluorene-d10	100 %	60-130	"	"	"
Surrogate: Anthracene-d10	95.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	97.7 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	105 %	60-130	"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

SEP-B02-1@6"  
4/24/2024 9:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404715-04 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	8.18	0.272	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	209	9.39	"	"	"	"	"
Cadmium	0.757	0.0939	"	"	"	"	"
Copper	24.9	9.39	"	"	"	"	"
Lead	30.1	0.939	"	"	"	"	"
Nickel	21.2	0.939	"	"	"	"	"
Selenium	0.905	0.244	"	"	"	"	"
Silver	0.202	0.0939	"	"	"	"	"
Zinc	120	34.8	"	"	"	"	"

**Total Metals by 7196A**

Hexavalent Chromium	ND	0.120	0.301	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

SWT-B01-1@3"

4/24/2024 9:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-05 (Soil)

## PAH by EPA 8270E

1-Methylnaphthalene	0.006	0.002	mg/kg	1	B4D2544	04/25/2024	05/03/2024	
2-Methylnaphthalene	0.010	0.002	"	"	"	"	"	
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	0.050	0.005	"	"	"	"	"	
Benzo (a) pyrene	0.062	0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.052	0.020	"	"	"	"	"	
Benzo (k) fluoranthene	0.025	0.020	"	"	"	"	"	
Chrysene	0.057	0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	0.081	0.020	"	"	"	"	"	
Fluorene	ND	0.020	"	"	"	"	"	Ua
Indeno (1,2,3-cd) pyrene	0.049	0.020	"	"	"	"	"	
Naphthalene	0.025	0.002	"	"	"	"	"	
Pyrene	0.087	0.020	"	"	"	"	"	

Surrogate: Fluorene-d10	100 %	60-130	"	"	"
Surrogate: Anthracene-d10	95.0 %	60-130	"	"	"
Surrogate: Pyrene-d10	102 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	106 %	60-130	"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

SWT-B01-1@3"

4/24/2024 9:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-05 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.21	0.276	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	190	9.52	"	"	"	"	"
Cadmium	0.551	0.0952	"	"	"	"	"
Copper	19.2	9.52	"	"	"	"	"
Lead	21.3	0.952	"	"	"	"	"
Nickel	16.1	0.952	"	"	"	"	"
Selenium	0.846	0.247	"	"	"	"	"
Silver	0.177	0.0952	"	"	"	"	"
Zinc	86.8	35.2	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.116	0.290	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG04@3"

4/24/2024 9:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-06 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	7.88	0.267	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	208	9.22	"	"	"	"	"
Cadmium	0.820	0.0922	"	"	"	"	"
Copper	24.7	9.22	"	"	"	"	"
Lead	30.7	0.922	"	"	"	"	"
Nickel	21.1	0.922	"	"	"	"	"
Selenium	0.945	0.240	"	"	"	"	"
Silver	0.214	0.0922	"	"	"	"	"
Zinc	122	34.1	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.134	0.336	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG04@3'

4/24/2024 9:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-07 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.35	0.277	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	163	9.56	"	"	"	"	"
Cadmium	0.309	0.0956	"	"	"	"	"
Copper	17.9	9.56	"	"	"	"	"
Lead	13.8	0.956	"	"	"	"	"
Nickel	17.2	0.956	"	"	"	"	"
Selenium	ND	0.248	"	"	"	"	"
Silver	0.107	0.0956	"	"	"	"	"
Zinc	64.9	35.4	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.162	0.404	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG04@6'

4/24/2024 9:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-08 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.18	0.273	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	273	9.41	"	"	"	"	"
Cadmium	0.301	0.0941	"	"	"	"	"
Copper	17.0	9.41	"	"	"	"	"
Lead	13.8	0.941	"	"	"	"	"
Nickel	16.3	0.941	"	"	"	"	"
Selenium	0.411	0.245	"	"	"	"	"
Silver	ND	0.0941	"	"	"	"	"
Zinc	62.9	34.8	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.171	0.428	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG05@3"

4/24/2024 10:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-09 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	7.01	0.263	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	191	9.08	"	"	"	"	"
Cadmium	0.748	0.0908	"	"	"	"	"
Copper	20.8	9.08	"	"	"	"	"
Lead	24.7	0.908	"	"	"	"	"
Nickel	29.5	0.908	"	"	"	"	"
Selenium	0.922	0.236	"	"	"	"	"
Silver	0.124	0.0908	"	"	"	"	"
Zinc	106	33.6	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.108	0.271	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG05@3'

4/24/2024 10:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-10 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.26	0.250	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	274	8.62	"	"	"	"	"
Cadmium	0.337	0.0862	"	"	"	"	"
Copper	17.6	8.62	"	"	"	"	"
Lead	14.1	0.862	"	"	"	"	"
Nickel	17.9	0.862	"	"	"	"	"
Selenium	0.435	0.224	"	"	"	"	"
Silver	0.107	0.0862	"	"	"	"	"
Zinc	66.9	31.9	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.151	0.378	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG05@6'

4/24/2024 10:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-11 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.13	0.260	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	235	8.98	"	"	"	"	"
Cadmium	0.299	0.0898	"	"	"	"	"
Copper	16.5	8.98	"	"	"	"	"
Lead	13.7	0.898	"	"	"	"	"
Nickel	16.7	0.898	"	"	"	"	"
Selenium	0.277	0.233	"	"	"	"	"
Silver	0.0952	0.0898	"	"	"	"	"
Zinc	63.6	33.2	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.171	0.428	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG06@3"

4/24/2024 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-12 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	7.16	0.265	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	205	9.14	"	"	"	"	"
Cadmium	0.668	0.0914	"	"	"	"	"
Copper	21.1	9.14	"	"	"	"	"
Lead	24.5	0.914	"	"	"	"	"
Nickel	18.4	0.914	"	"	"	"	"
Selenium	0.788	0.238	"	"	"	"	"
Silver	0.158	0.0914	"	"	"	"	"
Zinc	103	33.8	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.147	0.368	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG06@3'

4/24/2024 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-13 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.61	0.258	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	194	8.88	"	"	"	"	"
Cadmium	0.493	0.0888	"	"	"	"	"
Copper	18.4	8.88	"	"	"	"	"
Lead	18.8	0.888	"	"	"	"	"
Nickel	16.8	0.888	"	"	"	"	"
Selenium	0.496	0.231	"	"	"	"	"
Silver	0.136	0.0888	"	"	"	"	"
Zinc	77.7	32.9	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.121	0.302	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG06@6'

4/24/2024 10:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-14 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	5.81	0.273	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	223	9.41	"	"	"	"	"
Cadmium	0.305	0.0941	"	"	"	"	"
Copper	17.3	9.41	"	"	"	"	"
Lead	13.5	0.941	"	"	"	"	"
Nickel	16.2	0.941	"	"	"	"	"
Selenium	ND	0.245	"	"	"	"	"
Silver	0.0950	0.0941	"	"	"	"	"
Zinc	64.5	34.8	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.165	0.413	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG07@3"

4/24/2024 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-15 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	7.94	0.245	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	198	8.44	"	"	"	"	"
Cadmium	0.896	0.0844	"	"	"	"	"
Copper	24.7	8.44	"	"	"	"	"
Lead	28.6	0.844	"	"	"	"	"
Nickel	20.7	0.844	"	"	"	"	"
Selenium	0.961	0.219	"	"	"	"	"
Silver	0.159	0.0844	"	"	"	"	"
Zinc	121	31.2	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.168	0.420	mg/kg dry	1	2605446	05/01/2024	05/03/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG07@3'

4/24/2024 11:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-16 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	6.29	0.271	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	123	9.36	"	"	"	"	"
Cadmium	0.297	0.0936	"	"	"	"	"
Copper	17.1	9.36	"	"	"	"	"
Lead	14.6	0.936	"	"	"	"	"
Nickel	17.1	0.936	"	"	"	"	"
Selenium	0.369	0.243	"	"	"	"	"
Silver	ND	0.0936	"	"	"	"	"
Zinc	64.9	34.6	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.141	0.353	mg/kg dry	1	2605451	05/01/2024	05/02/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

BG07@6'

4/24/2024 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y404715-17 (Soil)

## Table 915 metals by EPA 6020B

Arsenic	5.57	0.261	mg/kg	10	B4D2526	04/25/2024	04/29/2024
Barium	328	9.01	"	"	"	"	"
Cadmium	0.271	0.0901	"	"	"	"	"
Copper	15.2	9.01	"	"	"	"	"
Lead	12.4	0.901	"	"	"	"	"
Nickel	14.8	0.901	"	"	"	"	"
Selenium	0.275	0.234	"	"	"	"	"
Silver	ND	0.0901	"	"	"	"	"
Zinc	57.0	33.3	"	"	"	"	"

## Total Metals by 7196A

Hexavalent Chromium	ND	0.143	0.357	mg/kg dry	1	2605451	05/01/2024	05/02/2024	U
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D2526 - EPA 3050B**

**Blank (B4D2526-BLK1)**

Prepared: 04/25/2024 Analyzed: 04/29/2024

Arsenic	ND	0.290	mg/kg
Barium	ND	10.0	"
Cadmium	ND	0.100	"
Copper	ND	10.0	"
Lead	ND	1.00	"
Nickel	ND	1.00	"
Selenium	ND	0.260	"
Silver	ND	0.100	"
Zinc	ND	37.0	"

**LCS (B4D2526-BS1)**

Prepared: 04/25/2024 Analyzed: 04/29/2024

Arsenic	5.86	0.290	mg/kg	5.00	117	80-120
Barium	535	10.0	"	500	107	80-120
Cadmium	5.51	0.100	"	5.00	110	80-120
Copper	57.2	10.0	"	50.0	114	80-120
Lead	5.64	1.00	"	5.00	113	80-120
Nickel	5.67	1.00	"	5.00	113	80-120
Selenium	11.1	0.260	"	9.50	116	80-120
Silver	5.66	0.100	"	5.00	113	80-120
Zinc	58.0	37.0	"	50.0	116	80-120

**Matrix Spike (B4D2526-MS1)**

Source: Y404712-01

Prepared: 04/25/2024 Analyzed: 04/29/2024

Arsenic	9.71	0.282	mg/kg	4.87	5.03	96.0	75-125
Barium	616	9.73	"	487	95.4	107	75-125
Cadmium	6.13	0.0973	"	4.87	0.304	120	75-125
Copper	69.8	9.73	"	48.7	11.6	120	75-125
Lead	15.4	0.973	"	4.87	9.30	125	75-125

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D2526 - EPA 3050B**

<b>Matrix Spike (B4D2526-MS1)</b>		<b>Source: Y404712-01</b>			Prepared: 04/25/2024 Analyzed: 04/29/2024					
Nickel	19.4	0.973	mg/kg	4.87	10.0	192	75-125			QM-07
Selenium	11.2	0.253	"	9.24	0.293	118	75-125			
Silver	5.74	0.0973	"	4.87	0.106	116	75-125			
Zinc	103	36.0	"	48.7	51.2	106	75-125			
<b>Matrix Spike Dup (B4D2526-MSD1)</b>		<b>Source: Y404712-01</b>			Prepared: 04/25/2024 Analyzed: 04/29/2024					
Arsenic	9.95	0.276	mg/kg	4.76	5.03	103	75-125	2.50	20	
Barium	599	9.51	"	476	95.4	106	75-125	2.75	20	
Cadmium	5.93	0.0951	"	4.76	0.304	118	75-125	3.25	20	
Copper	67.9	9.51	"	47.6	11.6	119	75-125	2.74	20	
Lead	14.5	0.951	"	4.76	9.30	108	75-125	6.15	20	
Nickel	16.0	0.951	"	4.76	10.0	124	75-125	19.4	20	
Selenium	9.96	0.247	"	9.04	0.293	107	75-125	11.6	20	
Silver	5.74	0.0951	"	4.76	0.106	118	75-125	0.0774	20	
Zinc	105	35.2	"	47.6	51.2	113	75-125	2.09	20	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D2544 - EPA 3580**

**Blank (B4D2544-BLK1)**

Prepared: 04/25/2024 Analyzed: 05/03/2024

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua

Surrogate: Fluorene-d10	200		ug/kg	200	101	60-130
Surrogate: Anthracene-d10	190		"	200	94.8	60-130
Surrogate: Pyrene-d10	210		"	200	103	60-130
Surrogate: Benzo (a) pyrene-d12	210		"	200	104	60-130

**LCS (B4D2544-BS1)**

Prepared: 04/25/2024 Analyzed: 05/03/2024

1-Methylnaphthalene	0.219	0.002	mg/kg	0.200	109	70-130
2-Methylnaphthalene	0.219	0.002	"	0.200	110	70-130
Acenaphthene	0.221	0.020	"	0.200	110	70-130
Anthracene	0.216	0.020	"	0.200	108	70-130

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D2544 - EPA 3580**

**LCS (B4D2544-BS1)**

Prepared: 04/25/2024 Analyzed: 05/03/2024

Benzo (a) anthracene	0.231	0.005	mg/kg	0.200		116	70-130
Benzo (a) pyrene	0.222	0.020	"	0.200		111	70-130
Benzo (b) fluoranthene	0.229	0.020	"	0.200		115	70-130
Benzo (g,h,i) perylene	0.226	0.020	"	0.200		113	70-130
Benzo (k) fluoranthene	0.202	0.020	"	0.200		101	70-130
Chrysene	0.235	0.020	"	0.200		117	70-130
Dibenz (a,h) anthracene	0.236	0.020	"	0.200		118	70-130
Fluoranthene	0.209	0.020	"	0.200		105	70-130
Fluorene	0.226	0.020	"	0.200		113	70-130
Indeno (1,2,3-cd) pyrene	0.216	0.020	"	0.200		108	70-130
Naphthalene	0.224	0.002	"	0.200		112	70-130
Phenanthrene	0.223	0.020	"	0.200		112	70-130
Pyrene	0.236	0.020	"	0.200		118	70-130
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130
Surrogate: Anthracene-d10	190		"	200		96.1	60-130
Surrogate: Pyrene-d10	220		"	200		108	60-130
Surrogate: Benzo (a) pyrene-d12	210		"	200		105	60-130

**Matrix Spike (B4D2544-MS1)**

Source: Y404641-01

Prepared: 04/25/2024 Analyzed: 05/03/2024

1-Methylnaphthalene	0.209	0.002	mg/kg	0.200	ND	105	70-130
2-Methylnaphthalene	0.209	0.002	"	0.200	ND	104	70-130
Acenaphthene	0.213	0.020	"	0.200	ND	106	70-130
Anthracene	0.207	0.020	"	0.200	ND	103	70-130
Benzo (a) anthracene	0.204	0.005	"	0.200	ND	102	70-130
Benzo (a) pyrene	0.214	0.020	"	0.200	ND	107	70-130
Benzo (b) fluoranthene	0.218	0.020	"	0.200	0.0007	108	70-130
Benzo (g,h,i) perylene	0.213	0.020	"	0.200	0.0008	106	70-130

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D2544 - EPA 3580**

Matrix Spike (B4D2544-MS1)		Source: Y404641-01			Prepared: 04/25/2024 Analyzed: 05/03/2024					
Benzo (k) fluoranthene	0.199	0.020	mg/kg	0.200	0.001	98.8	70-130			
Chrysene	0.219	0.020	"	0.200	0.0006	109	70-130			
Dibenz (a,h) anthracene	0.220	0.020	"	0.200	ND	110	70-130			
Fluoranthene	0.203	0.020	"	0.200	0.0006	101	70-130			
Fluorene	0.218	0.020	"	0.200	ND	109	70-130			
Indeno (1,2,3-cd) pyrene	0.205	0.020	"	0.200	0.002	102	70-130			
Naphthalene	0.215	0.002	"	0.200	ND	107	70-130			
Phenanthrene	0.212	0.020	"	0.200	ND	106	70-130			
Pyrene	0.205	0.020	"	0.200	0.0007	102	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	190		"	200		95.8	60-130			
Surrogate: Pyrene-d10	190		"	200		97.0	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike Dup (B4D2544-MSD1)		Source: Y404641-01			Prepared: 04/25/2024 Analyzed: 05/03/2024					
1-Methylnaphthalene	0.200	0.002	mg/kg	0.200	ND	99.8	70-130	4.79	20	
2-Methylnaphthalene	0.200	0.002	"	0.200	ND	99.8	70-130	4.62	20	
Acenaphthene	0.201	0.020	"	0.200	ND	100	70-130	5.97	20	
Anthracene	0.199	0.020	"	0.200	ND	99.5	70-130	3.74	20	
Benzo (a) anthracene	0.193	0.005	"	0.200	ND	96.6	70-130	5.33	20	
Benzo (a) pyrene	0.201	0.020	"	0.200	ND	100	70-130	6.39	20	
Benzo (b) fluoranthene	0.195	0.020	"	0.200	0.0007	96.9	70-130	11.2	20	
Benzo (g,h,i) perylene	0.187	0.020	"	0.200	0.0008	93.1	70-130	12.7	20	
Benzo (k) fluoranthene	0.185	0.020	"	0.200	0.001	92.1	70-130	7.06	20	
Chrysene	0.199	0.020	"	0.200	0.0006	99.1	70-130	9.55	20	
Dibenz (a,h) anthracene	0.200	0.020	"	0.200	ND	99.9	70-130	9.63	20	
Fluoranthene	0.192	0.020	"	0.200	0.0006	95.7	70-130	5.67	20	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D2544 - EPA 3580**

Matrix Spike Dup (B4D2544-MSD1)		Source: Y404641-01			Prepared: 04/25/2024 Analyzed: 05/03/2024					
Fluorene	0.205	0.020	mg/kg	0.200	ND	103	70-130	5.74	20	
Indeno (1,2,3-cd) pyrene	0.183	0.020	"	0.200	0.002	90.3	70-130	11.6	20	
Naphthalene	0.204	0.002	"	0.200	ND	102	70-130	4.96	20	
Phenanthrene	0.202	0.020	"	0.200	ND	101	70-130	4.76	20	
Pyrene	0.193	0.020	"	0.200	0.0007	96.0	70-130	6.04	20	
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	190		"	200		94.6	60-130			
Surrogate: Pyrene-d10	190		"	200		97.2	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

## Total Metals by 7196A - Quality Control GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2605451 - SW846 3060A										
BLANK (1205720252-BLK)					Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	ND	0.324	mg/kg				-			U
LCS (1205720253-BKS)					Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	3.51	0.353	mg/kg	3.53		99.7	80-120			
DUP (1205720254 D)					Source: Y404715-16 Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	ND	0.337	mg/kg dry		<0.135		0-50	N/A	50	U
MS (1205720255 S)					Source: Y404715-16 Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	2.02	0.331	mg/kg dry	3.31	<0.132	60.9	75-125			
DUP (1205720256 D)					Source: 665033001 Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	ND	0.400	mg/kg dry		<0.160		0-50	N/A	50	U
MS (1205720257 S)					Source: 665033001 Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	2.25	0.407	mg/kg dry	4.07	<0.163	52	75-125			
ILCS (1205720258-ILCS)					Prepared: 05/01/2024 Analyzed: 05/02/2024					
Hexavalent Chromium	5.93	0.288	mg/kg	5.80		102	80-120			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

## Total Metals by 7196A - Quality Control GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2605446 - SW846 3060A										
BLANK (1205720245-BLK)					Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	ND	0.303	mg/kg				-			U
LCS (1205720246-BKS)					Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	3.16	0.330	mg/kg	3.30		95.8	80-120			
DUP (1205720247 D)					Source: 665009001 Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	ND	0.293	mg/kg dry		0.134		0-50	N/A	50	U
MS (1205720248 S)					Source: 665009001 Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	2.62	0.294	mg/kg dry	2.94	0.134	84.5	75-125			
DUP (1205720249 D)					Source: Y404715-06 Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	ND	0.336	mg/kg dry		<0.134		0-50	N/A	50	U
MS (1205720250 S)					Source: Y404715-06 Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	2.55	0.336	mg/kg dry	3.36	<0.134	74.5	75-125			
ILCS (1205720251-ILCS)					Prepared: 05/01/2024 Analyzed: 05/03/2024					
Hexavalent Chromium	6.85	0.329	mg/kg	6.78		101	80-120			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: Murfin - Schneider 1-3, Schneider  
62546W/35WSW

## Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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August 13, 2024

Eagle Environmental Consulting, LLC

David Castro

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Schneider 1-3

Project Number - [none]

Attached are your analytical results for Schneider 1-3 received by Origins Laboratory, Inc. July 30, 2024. This project is associated with Origins project number Y407823-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EX-SS-01@3'	Y407823-01	Soil	July 30, 2024 10:23	07/30/2024 15:38
EX-SS-02@3'	Y407823-02	Soil	July 30, 2024 10:25	07/30/2024 15:38
EX-SS-03@3'	Y407823-03	Soil	July 30, 2024 10:27	07/30/2024 15:38
EX-SS-04@3'	Y407823-04	Soil	July 30, 2024 10:29	07/30/2024 15:38
EX-FS-01@4'	Y407823-05	Soil	July 30, 2024 10:31	07/30/2024 15:38
BG-08@3.5'	Y407823-06	Soil	July 30, 2024 10:38	07/30/2024 15:38
BG-09@3.5'	Y407823-07	Soil	July 30, 2024 10:41	07/30/2024 15:38
BG-10@3.5'	Y407823-08	Soil	July 30, 2024 10:46	07/30/2024 15:38

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

Origins Laboratory F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: 4407823 Client: Eagle  
Client Project ID: Schneider 1-3

Checklist Completed by: DD/DA Shipped Via: TD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)  
Date/Time Completed: 7/31/24 Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_  
Cooler Number/Temperature: 1/4 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe)  
Thermometer ID: 7005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>			
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>			
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) ag

8/1/24  
Date/Time Reviewed

Origins Laboratory, Inc.

*J. Bynon*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, LLC  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

David Castro  
 Project Number: [none]  
 Project: Schneider 1-3

EX-SS-01@3'

7/30/2024 10:23:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
 Y407823-01 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.700	0.0999	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

EX-SS-02@3'

7/30/2024 10:25:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.  
Y407823-02 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.539	0.0989	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

EX-SS-03@3'

7/30/2024 10:27:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.  
Y407823-03 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.524	0.0984	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

EX-SS-04@3'

7/30/2024 10:29:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y407823-04 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.519	0.0996	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

EX-FS-01@4'

7/30/2024 10:31:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.  
Y407823-05 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.598	0.0994	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

BG-08@3.5'

7/30/2024 10:38:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.  
Y407823-06 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.387	0.0998	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

David Castro  
 Project Number: [none]  
 Project: Schneider 1-3

BG-09@3.5'

7/30/2024 10:41:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.  
 Y407823-07 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.403	0.100	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

**BG-10@3.5'**

**7/30/2024 10:46:00AM**

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

**Origins Laboratory, Inc.**  
**Y407823-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.377	0.0985	mg/L	1	B4H0115	ACC	08/01/2024	08/02/2024	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

David Castro  
Project Number: [none]  
Project: Schneider 1-3

## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4H0115 - DTPA Sorbitol Preparation										
Blank (B4H0115-BLK1)					Prepared: 08/01/2024 Analyzed: 08/02/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4H0115-DUP1)					Source: Y407823-01 Prepared: 08/01/2024 Analyzed: 08/02/2024					
Boron	0.742	0.0996	mg/L		0.700			5.87	50	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

David Castro

Project Number: [none]

Project: Schneider 1-3

### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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