

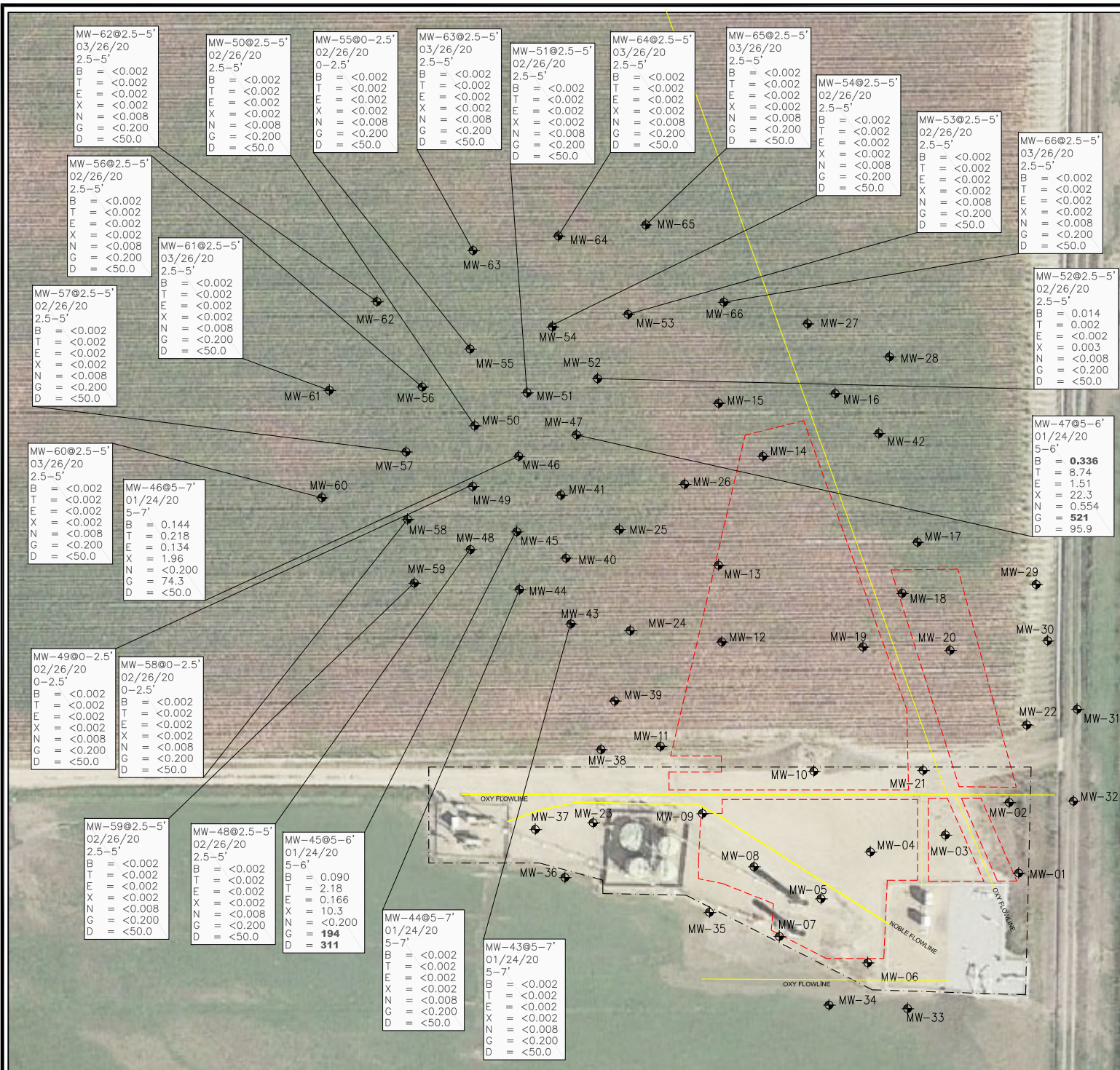


FIGURES

Figure 1: Monitoring Well Soil Analytical Map (MW-43 through MW-66)

Figure 2: Groundwater Analytical Map (02/18/20, 03/03/20, & 03/26/20)

Figure 3: Groundwater Elevation Map (03/31/20)



LEGEND

--- APPROXIMATE TANK BATTERY BOUNDARY
— APPROXIMATE UTILITY LINE LOCATION (ACTIVE)
- - - APPROXIMATE EXCAVATION BOUNDARIES

⊕ APPROXIMATE MONITORING WELL LOCATIONS

PARAMETERS

SOIL SAMPLE LOCATION
DATE
DEPTH (FEET)
B = BENZENE (mg/kg)
T = TOLUENE (mg/kg)
E = ETHYLBENZENE (mg/kg)
X = TOTAL XYLENES (mg/kg)
N = NAPHTHALENE (mg/kg)
G = TPH-GRO (mg/kg)
D = TPH-DRO (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS – GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS – DIESEL RANGE ORGANICS

NOTE:

VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS.

VALUES PRESENTED IN **BOLD** TYPEFACE CONTAIN CONCENTRATIONS EXCEEDING COGCC TABLE 910-1 REGULATORY LIMITS.

COGCC – COLORADO OIL AND GAS CONSERVATION COMMISSION

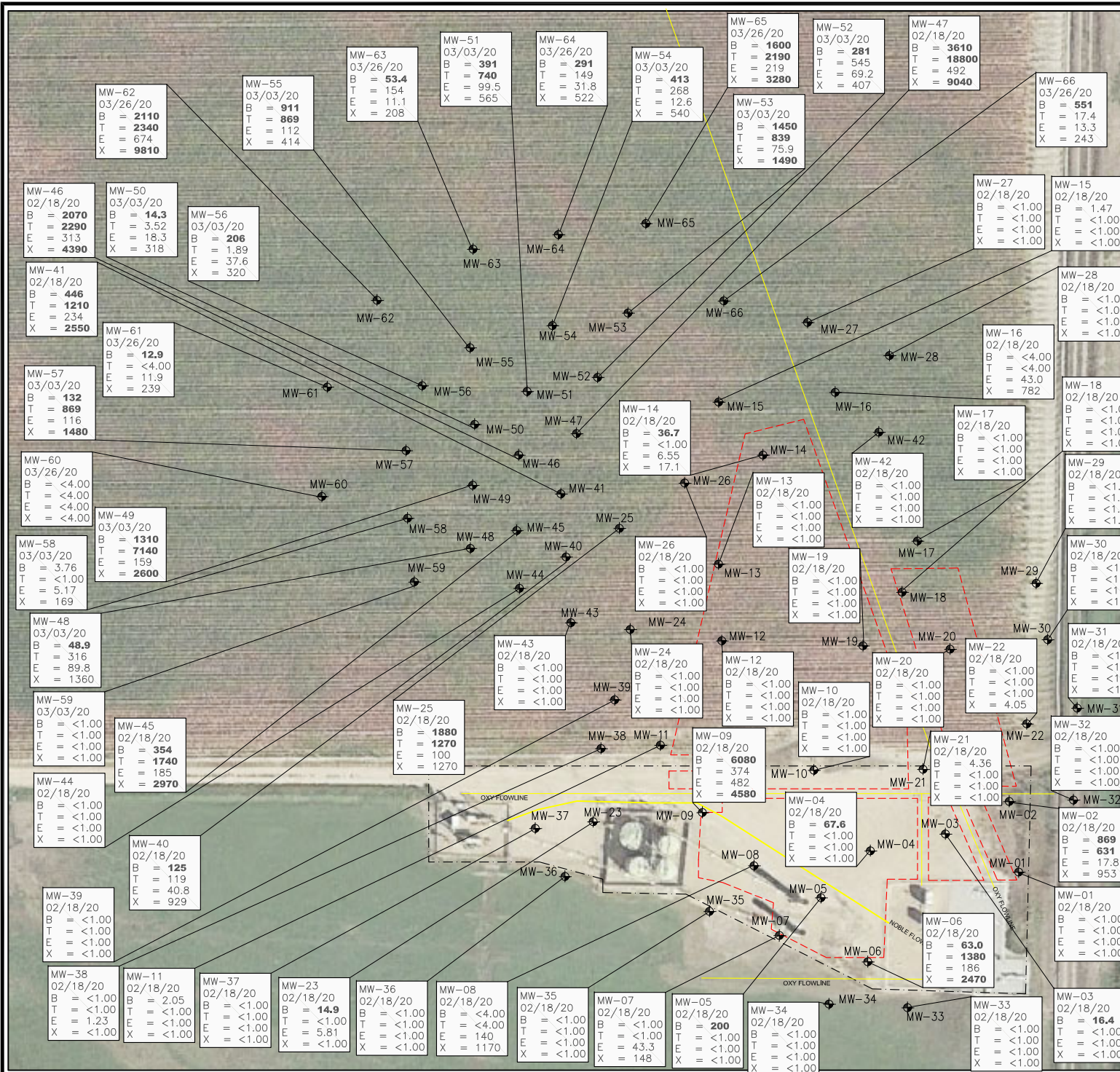
0' 90'

APPROXIMATE SCALE IN FEET

MONITORING WELL SOIL ANALYTICAL MAP
(MW-43 THROUGH MW-66)
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW¼ NW¼ SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

DATE: 04/03/20
DRAWN BY: KTP
FIG. NO. 1

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



LEGEND

- APPROXIMATE TANK BATTERY BOUNDARY
- APPROXIMATE UTILITY LINE LOCATION (ACTIVE)
- APPROXIMATE EXCAVATION BOUNDARIES
- APPROXIMATE MONITORING WELL LOCATIONS

PARAMETERS

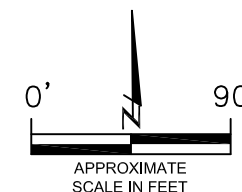
GROUNDWATER SAMPLE LOCATION
DATE
B = BENZENE (µg/L)
T = TOLUENE (µg/L)
E = ETHYLBENZENE (µg/L)
X = TOTAL XYLENES (µg/L)

µg/L = MICROGRAMS PER LITER

VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS.

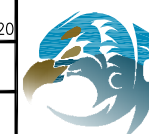
VALUES PRESENTED IN **BOLD** TYPEFACE CONTAIN CONCENTRATIONS EXCEEDING COGCC TABLE 910-1 REGULATORY LIMITS.

COGCC - COLORADO OIL AND GAS CONSERVATION COMMISSION

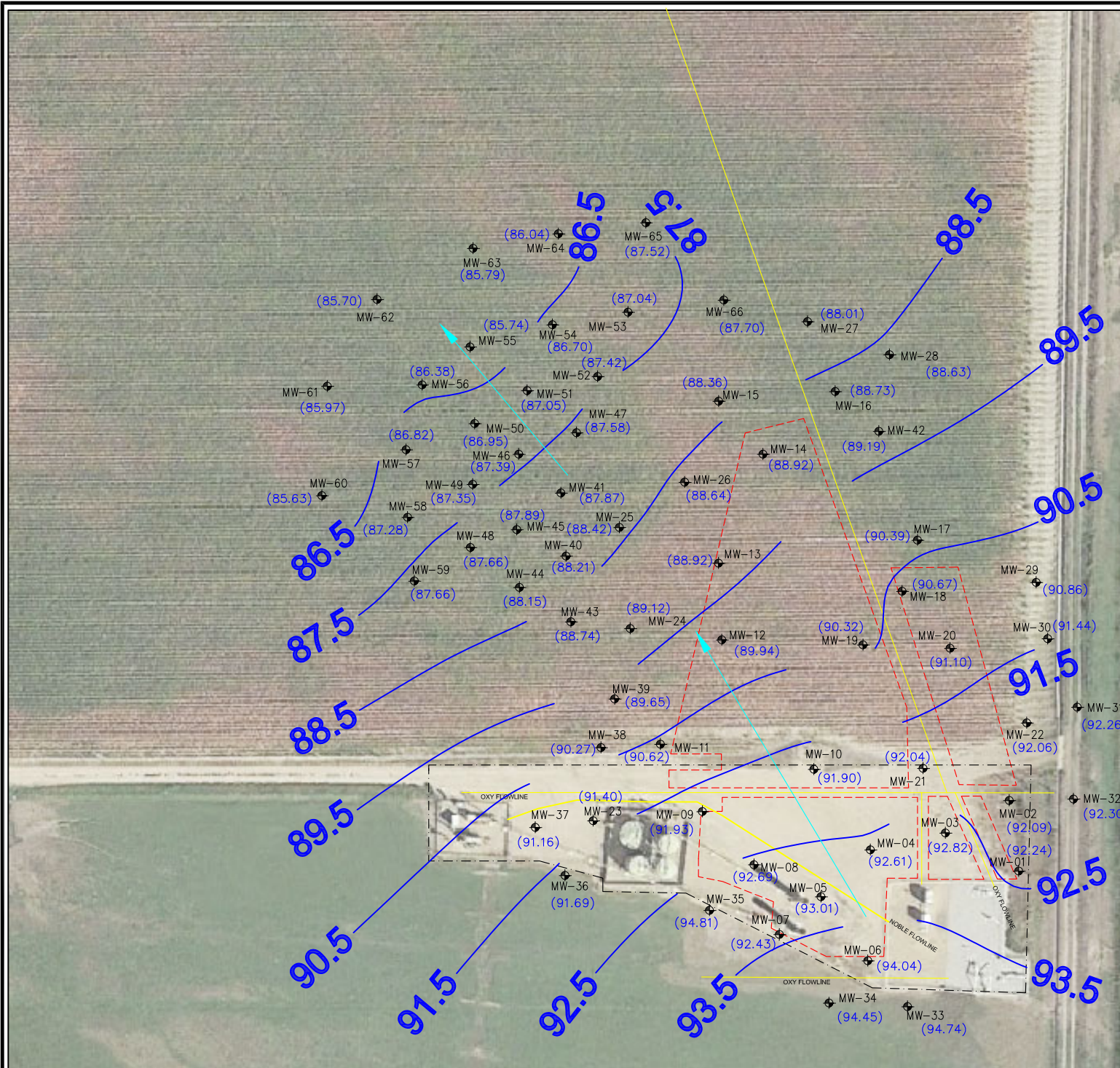


GROUNDWATER ANALYTICAL MAP
(02/18/20, 03/03/20 & 03/26/20)
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW¼ NW¼ SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

DATE: 04/03/20
DRAWN BY: KTP
FIG. NO. 2



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



LEGEND

- APPROXIMATE TANK BATTERY BOUNDARY
- APPROXIMATE UTILITY LINE LOCATION (ACTIVE)
- APPROXIMATE EXCAVATION BOUNDARIES
- ⬮ APPROXIMATE MONITORING WELL LOCATIONS

(92.26) RELATIVE GROUNDWATER ELEVATION (FT.)

--- INFERRED GROUNDWATER ELEVATION CONTOUR (FT.)

--- APPROXIMATE GROUNDWATER FLOW DIRECTION

FT. = FEET

GROUNDWATER ELEVATION DATA WAS COLLECTED FROM ALL MONITORING WELLS ON 03/31/20.

GROUNDWATER ELEVATION DATA COLLECTED FROM MONITORING WELLS MW-07, MW-08, AND MW-35 WAS NOT USED IN THE CONSTRUCTION OF INFERRED GROUNDWATER ELEVATION CONTOURS.

0' 90'

APPROXIMATE SCALE IN FEET

GROUNDWATER ELEVATION MAP
(03/31/20)
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW¼ NW¼ SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDIATION # 12591

DATE:	04/03/20
DRAWN BY:	KTP
FIG. NO.	6



EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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



TABLES

Table 1: Soil Analytical Results Summary

Table 2: Groundwater Analytical Results Summary

Table 3: Groundwater Elevation Summary

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
SB-1 (2)** (40.302085 / -104.085)	12/04/18	2	0.68	2.9	0.25	4.5	0.021	<50	57
SB-2 (4)** (40.302022 / -104.692148)	12/04/18	4	2.7	15	0.98	21	0.049	370	53
SB-3 (4)** (40.302040 / -104.692231)	12/04/18	4	0.19	1.7	0.29	8.1	0.046	<50	67
SB-4 (5)** (40.302013 / -104.692231)	12/04/18	5	0.21	1.3	0.28	2.9	0.027	55	<50
SB-5 (2.5)** (40.302121 / -104.692207)	12/04/18	3	13	130	11	170	0.12	2800	740
Floor (6)** (40.302035 / -104.692198)	12/14/18	6	3.84	17.8	1.58	27.2	<0.200	694	213
East Wall 1 (4') 121418 ** (40.302049 / -104.692125)	12/14/18	4	5.42	32.7	2.73	41.3	<0.200	999	<50.0
East Walls 2 (3') 121418 ** (40.302094 / -104.692160)	12/14/18	3	16.8	151	11.9	204	0.328	5310	519
West Wall 1 (5') 121418 ** (40.302040 / -104.692254)	12/14/18	5	3.06	31.5	8.50	134	0.366	3610	458
West Wall 2 (3') 121418 ** (40.302058 / -104.692231)	12/14/18	3	1.94	18.1	1.88	12.0	<0.200	781	352
North Wall (3') 121418 ** (40.302076 / -104.692195)	12/14/18	3	0.510	10.0	1.36	24.5	<0.200	682	219
SS-01 @ 6' (40.302012 / -104.692278)	01/08/19	6	0.710	4.34	0.437	7.64	<0.200	115	<50.0
SS-05 @ 6' (40.302053 / -104.692329)	01/11/19	6	0.050	1.14	0.280	4.31	<0.200	125	<50.0
SS-06 @ 6' (40.302121 / -104.692321)	01/11/19	6	0.182	1.33	0.257	4.58	<0.200	118	<0.50
SS-07 @ 6' (40.302194 / -104.692309)	01/11/19	6	1.50	11.3	1.51	25.3	<0.200	627	161
SS-08 @ 6' (40.302214 / -104.692275)	01/11/19	6	0.444	4.73	0.622	10.2	<0.200	207	65.5
SS-09 @ 6' (40.302211 / -104.692209)	01/11/19	6	3.12	35.6	3.40	56.4	0.232	1230	289
SS-10 @ 6' (40.302211 / -104.692129)	01/11/19	6	16.4	151	11.4	204	0.406	4080	557
SS-11 @ 6' (40.302115 / -104.692321)	01/14/19	6	0.224	0.574	0.148	2.60	<0.200	64.8	<50.0
SS-12 @ 6' (40.302149 / -104.692336)	01/14/19	6	2.94	18.4	2.36	38.1	<0.200	1010	84.5
SS-13 @ 6' (40.302193 / -104.692325)	01/14/19	6	0.257	2.44	0.367	6.56	<0.200	192	<50.0
SS-14 @ 6' (40.302217 / -104.692279)	01/14/19	6	2.52	20.5	1.76	30.5	<0.200	620	<50.0
SS-15 @ 6' (40.302210 / -104.692224)	01/14/19	6	15.5	101	52.0	123	0.808	2030	677
SS-16 @ 6' (40.302204 / -104.692142)	01/14/19	6	2.20	8.46	0.657	10.6	<0.200	194	<50.0
SS-17 @ 6' (40.302204 / -104.692142)	02/19/19	6	0.090	<0.050	0.322	4.70	<0.200	536	91.7

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDIATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
SS-18 @ 6' (40.302249 / -104.6922274)	03/07/19	6	0.821	8.83	1.02	17.1	<0.200	375	54.7
SS-19 @ 6' (40.302249 / -104.692375)	03/07/19	6	2.12	17.1	1.69	29.2	<0.200	647	81.4
SS-20 @ 6' (40.302244 / -104.692425)	03/07/19	6	0.418	2.48	0.363	5.85	<0.200	153	<50.0
SS-21 @ 6' (40.302153 / -104.692478)	03/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	23.9	<50.0
SS-22 @ 6' (40.302135 / -104.692386)	03/07/19	6	<0.050	<0.050	<0.050	0.302	<0.200	14.3	<50.0
SS-23 @ 6' (40.302120 / -104.692320)	03/07/19	6	0.094	1.44	0.248	4.71	<0.200	103	<50.0
SS-24 @ 6' (40.302082 / -104.692319)	03/07/19	6	<0.050	0.402	0.187	2.84	<0.200	120	<50.0
SS-25 @ 6' (40.302026 / -104.692303)	03/07/19	6	<0.050	1.98	0.292	5.11	<0.200	147	<50.0
SS-26 @ 6' (40.302999 / -104.692222)	03/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	18.9	<50.0
SS-27 @ 6' (40.302003 / -104.692117)	03/07/19	6	7.32	42.6	2.86	49.7	<0.200	1010	129
SS-28 @ 6' (40.302023 / -104.692078)	03/07/19	6	0.228	2.33	0.426	8.82	<0.200	255	63.6
SS-29 @ 6' (40.302080 / -104.692077)	03/07/19	6	0.185	1.51	0.226	4.56	<0.200	230	61.9
SS-30 @ 6' (40.302132 / -104.692074)	03/07/19	6	4.11	63.9	6.28	107	0.268	2140	297
SS-31 @ 6' (40.302208 / -104.692067)	03/07/19	6	0.266	0.178	<0.050	0.122	<0.200	<5.00	<50.0
SS-32 @ 6' (40.302259 / -104.692093)	03/08/19	6	3.55	28.6	2.73	45.1	<0.200	875	208
SS-33 @ 6' (40.302254 / -104.692192)	03/08/19	6	0.359	2.55	0.254	4.45	<0.200	107	<50.0
SS-34 @ 6' (40.302265 / -104.692327)	03/21/19	6	1.94	11.7	1.16	19.4	<0.200	505	94.9
SS-35 @ 6' (40.302260 / -104.692414)	03/21/19	6	0.231	2.71	0.505	8.76	<0.200	202	58.5
SS-36 @ 6' (40.302276 / -104.692455)	03/21/19	6	0.228	1.67	<0.498	3.61	<0.200	88.3	<50.0
SS-37 @ 6' (40.302298 / -104.692417)	03/21/19	6	0.177	0.538	<0.050	0.736	<0.200	10.8	<50.0
SS-38 @ 6' (40.30229 / -104.692335)	03/21/19	6	1.02	7.59	0.665	12.1	<0.200	289	52.9
SS-39 @ 6' (40.302264 / -104.692144)	03/22/19	6	2.06	12.6	0.975	17.6	<0.200	353	58.1
SS-40 @ 6' (40.302264 / -104.692230)	03/22/19	6	0.660	3.33	0.305	5.11	<0.200	101	69.4
SS-41 @ 6' (40.302284 / -104.692228)	03/22/19	6	0.821	3.92	0.408	6.70	<0.200	128	52.3
SS-42 @ 6' (40.302293 / -104.692146)	03/22/19	6	3.93	39.5	3.29	54.0	0.290	931	295

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDIATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
SS-43 @ 6' (40.302267 / -104.692065)	03/26/19	6	1.01	7.00	0.604	9.37	<0.200	211	<50.0
SS-45 @ 6' (40.302291 / -104.692078)	03/29/19	6	2.14	11.7	0.795	13.9	<0.200	393	<50.0
SS-47 @ 6' (40.302295 / -104.691960)	03/29/19	6	0.590	4.92	0.595	13.4	<0.200	290	91.5
SS-48 @ 6' (40.302106 / -104.692035)	03/29/19	6	0.700	8.12	0.865	16.6	<0.200	356	149
SS-49 @ 6' (40.302123 / -104.691994)	03/29/19	6	2.83	21.7	1.74	29.9	<0.200	657	145
SS-51 @ 6' (40.302195 / -104.691984)	04/01/19	6	0.654	9.52	1.43	21.9	<0.200	428	113
SS-52 @ 6' (40.302250 / -104.692010)	04/02/19	6	0.820	7.71	0.880	14.5	<0.200	371	96.1
SS-54 @ 6' (40.302123 / -104.691977)	04/02/19	6	2.36	15.8	1.76	24.0	<0.200	578	83.0
SS-55 @ 6' (40.302107 / -104.691940)	04/02/19	6	0.850	7.93	0.789	13.2	<0.200	281	54.0
SS-56 @ 6' (40.302129 / -104.691874)	04/02/19	6	0.108	5.23	1.12	19.9	<0.200	445	1360
SS-61 @ 6' (40.302314 / -104.691993)	04/03/19	6	0.938	28.3	3.63	69.7	0.302	1100	284
SS-66 @ 6' (40.302181 / -104.691913)	04/05/19	6	2.98	28.2	2.52	44.8	<0.200	813	103
SS-68 @ 6' (40.302229 / -104.691981)	04/09/19	6	0.224	4.02	0.468	9.10	0.354	69.2	54.7
SS-69 @ 6' (40.302247 / -104.691954)	04/09/19	6	0.308	3.23	0.377	7.26	<0.200	81.3	<50.0
SS-70 @ 6' (40.302245 / -104.691946)	04/09/19	6	0.635	12.6	1.26	23.4	<0.200	192	66.9
SS-71 @ 6' (40.302115 / -104.691862)	04/09/19	6	0.094	0.475	0.114	1.78	<0.200	29.7	<50.0
SS-72 @ 6' (40.302098 / -104.691828)	04/09/19	6	<0.050	0.594	0.110	2.23	<0.200	56.8	<0.50
SS-73 @ 6' (40.302116 / -104.691807)	04/09/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-74 @ 6' (40.302192 / -104.691891)	04/12/19	6	0.795	5.90	3.23	8.24	<0.200	146	52.3
SS-75 @ 6' (40.302200 / -104.691831)	04/12/19	6	0.585	4.62	2.94	7.08	<0.200	163	<50.0
SS-76 @ 6' (40.302257 / -104.691919)	04/17/19	6	17.9	145	10.4	182	0.388	3910	464
SS-77 @ 6' (40.302283 / -104.691886)	04/17/19	6	13.3	84.0	6.88	111	0.246	2340	155
SS-78 @ 6' (40.302260 / -104.691841)	04/17/19	6	2.68	26.0	2.10	42.4	<0.200	926	139
SS-79 @ 6' (40.302385 / -104.691994)	04/17/19	6	3.01	25.4	2.59	46.3	<0.200	847	189
SS-80 @ 6' (40.302400 / -104.692049)	04/17/19	6	1.99	9.17	0.958	13.4	<0.200	315	73.2

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
SS-81 @ 6' (40.302399 / -104.692133)	04/17/19	6	1.08	6.56	0.718	10.9	<0.200	273	51.8
SS-82 @ 6' (40.302393 / -104.692221)	04/17/19	6	3.48	24.8	1.92	33.5	<0.200	687	56.5
SS-83 @ 6' (40.302388 / -104.692310)	04/17/19	6	0.150	1.04	0.141	2.51	<0.200	65.7	<50.0
SS-84 @ 6' (40.302363 / -104.692354)	04/17/19	6	0.163	0.586	0.088	0.983	<0.200	45.2	98.1
SS-85 @ 6' (40.302599 / -104.692107)	04/25/19	6	0.785	9.14	0.875	16.8	<0.200	280	<50.0
SS-86 @ 6' (40.302667 / -104.692135)	04/25/19	6	3.62	33.5	2.55	47.0	<2.00	689	188
SS-87 @ 6' (40.302734 / -104.692170)	04/25/19	6	0.056	5.37	0.454	33.8	<0.200	649	326
SS-88 @ 6' (40.302797 / -104.692198)	04/25/19	6	<0.050	<0.050	0.058	1.71	<0.200	59.7	109
SS-89 @ 6' (40.302858 / -104.692232)	04/25/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-90 @ 6' (40.302923 / -104.692263)	04/25/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-91 @ 6' (40.302977 / -104.692295)	04/25/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-92 @ 6' (40.303062 / -104.692330)	05/08/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-93 @ 6' (40.303088 / -104.692376)	05/08/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-94 @ 6' (40.303074 / -104.692466)	05/15/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-95 @ 6' (40.303031 / -104.692466)	06/03/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-96 @ 6' (40.302949 / -104.692490)	06/03/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-97 @ 6' (40.302898 / -104.692493)	06/03/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-98 @ 6' (40.302725 / -104.692483)	06/03/19	6	0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-99 @ 6' (40.30265 / -104.692506)	06/03/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-100 @ 6' (40.302513 / -104.692525)	06/03/19	6	0.026	0.046	0.002	0.032	0.008	0.218	<50.0
SS-101 @ 6' (40.302419 / -104.692551)	06/03/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	0.668	<50.0
SS-102 @ 6' (40.302326 / -104.692570)	06/03/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-103 @ 6' (40.302385 / -104.691915)	06/04/19	6	1.54	8.78	0.700	15.2	<0.200	351	120
SS-104 @ 6' (40.302319 / -104.691882)	06/04/19	6	3.33	20.9	1.18	29.2	<0.200	594	173
SS-105 @ 6' (40.302286 / -104.691907)	06/04/19	6	1.08	7.26	0.590	12.9	<0.200	278	115
SS-108 @ 6' (40.302348 / -104.691924)	06/05/19	6	1.59	24.0	2.70	63.7	0.214	1060	256
SS-109 @ 6' (40.302392 / -104.691954)	06/05/19	6	0.784	13.4	1.34	36.1	<0.200	755	167

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
SS-114 @ 6' (40.302300 / -104.691931)	06/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-116 @ 6' (40.302464 / -104.691904)	06/07/19	6	<0.050	0.162	<0.050	<1.65	<0.200	13.9	62.2
SS-120 @ 6' (40.302688 / -104.692046)	06/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-121 @ 6' (40.302655 / -104.691998)	06/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-122 @ 6' (40.302598 / -104.691971)	06/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-123 @ 6' (40.302415 / -104.691839)	06/07/19	6	0.280	4.02	0.622	13.1	<0.200	193	<50.0
SS-124 @ 6' (40.302392 / -104.691788)	06/07/19	6	0.110	3.88	0.850	16.3	<0.200	285	129
SS-125 @ 6' (40.302340 / -104.691762)	06/07/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-126 @ 6' (40.302300 / -104.691787)	06/07/19	6	0.162	1.78	0.236	4.44	<0.200	55.8	<50.0
SS-129 @ 6' (40.302431 / -104.691803)	06/10/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
SS-130 @ 6' (40.302483 / -104.691829)	06/10/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	19.0	<50.0
SS-131 @ 6' (40.302525 / -104.691850)	06/10/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-132 @ 6' (40.302619 / -104.691889)	06/10/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
SS-133 @ 6' (40.302701 / -104.691981)	06/10/19	6	<0.002	0.005	<0.002	<0.002	<0.008	<0.200	<50.0
PH-04 @ 5.5-6' (40.302195 / -104.692478)	01/17/19	5.5-6	0.300	0.908	0.206	2.93	<0.200	85.9	<50.0
PH-05 @ 5.5-6' (40.302164 / -104.692482)	01/17/19	5.5-6	<0.002	0.003	<0.002	0.005	<0.008	0.241	<50.0
PH-06 @ 5.5-6' (40.302274 / -104.692418)	01/17/19	5.5-6	0.630	3.96	0.622	9.56	<0.200	227	<50.0
PH-07 @ 5.5-6' (40.302276 / -104.692274)	01/17/19	5.5-6	1.34	8.06	0.680	12.8	<0.200	309	110
PH-08 @ 5.5-6' (40.302275 / -104.692118)	01/17/19	5.5-6	3.04	17.0	1.12	20.5	<0.200	508	<50.0
PH-10 @ 5.5-6' (40.302156 / -104.691967)	01/17/19	5.5-6	5.28	35.2	2.78	48.6	0.200	1200	233
PH-12 @ 5.5-6' (40.301985 / -104.692192)	01/17/19	5.5-6	0.003	0.033	0.003	0.063	<0.008	1.18	<50.0
PH-13 @ 5.5-6' (40.302254 / -104.692192)	01/17/19	5.5-6	<0.002	0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-14 @ 5.5-6' (40.302254 / -104.692192)	01/17/19	5.5-6	0.416	1.12	0.449	4.04	<0.200	395	<50.0
PH-15 @ 6' (40.302332 / -104.692364)	03/25/19	6	3.89	21.2	1.48	24.6	0.436	586	<50.0
PH-16 @ 6' (40.302322 / -104.692268)	03/25/19	6	1.62	10.0	0.770	14.3	<0.200	253	<50.0
PH-17 @ 6' (40.302318 / -104.692229)	03/25/19	6	10.3	66.6	4.92	79.0	0.350	1560	174
PH-18 @ 6' (40.302320 / -104.692143)	03/25/19	6	1.93	15.3	1.25	23.1	<0.200	459	62.5
PH-19 @ 6' (40.302294 / -104.692268)	03/25/19	6	4.36	24.3	1.60	27.4	<0.200	586	<50.0

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
PH-20 @ 6' (40.302285 / -104.692230)	03/25/19	6	2.10	12.6	0.900	16.3	<0.200	334	<50.0
PH-21 @ 6' (40.302075 / -104.692056)	04/08/19	6	0.490	7.59	0.727	13.5	<0.200	240	<50.0
PH-22 @ 6' (40.302034 / -104.692045)	04/08/19	6	<0.050	0.072	<0.050	0.142	<0.200	<5.00	<50.0
PH-23 @ 5' (40.302071 / -104.692017)	04/08/19	5	<0.050	0.917	0.269	5.46	<0.200	103	98.4
PH-24 @ 4' (40.302035 / -104.692017)	04/08/19	4	0.118	<0.050	<0.050	0.129	<0.200	13.1	<50.0
PH-25 @ 6' (40.302076 / -104.691954)	04/08/19	6	0.289	18.4	1.57	45.2	<0.200	931	119
PH-26 @ 6' (40.302339 / -104.692676)	04/22/19	6	<0.050	<0.050	0.054	0.450	<0.200	29.9	<50.0
PH-27 @ 6' (40.302506 / -104.692657)	04/22/19	6	<0.050	<0.050	<0.050	0.188	<0.200	40.2	<50.0
PH-28 @ 6' (40.302542 / -104.692427)	04/22/19	6	1.18	7.10	0.555	11.9	<4.00	219	<50.0
PH-29 @ 6' (40.302540 / -104.692185)	04/22/19	6	8.48	42.9	2.78	45.3	<0.200	894	<50.0
PH-30 @ 6' (40.302540 / -104.691985)	04/22/19	6	0.406	5.03	0.580	11.3	<0.200	150	<50.0
PH-31 @ 6' (40.302613 / -104.692180)	04/22/19	6	4.74	48.0	4.50	72.3	0.202	1230	253
PH-32 @ 6' (40.302361 / -104.692769)	04/22/19	6	<0.050	<0.050	0.129	1.97	<0.200	28.7	<50.0
PH-33 @ 6' (40.302667 / -104.692186)	04/23/19	6	2.02	11.5	1.26	21.1	<0.200	454	97.4
PH-34 @ 6' (40.302756 / -104.692191)	04/23/19	6	0.344	1.66	0.336	7.32	<0.200	193	<50.0
PH-35 @ 6' (40.302888 / -104.692277)	04/23/19	6	<0.050	<0.050	0.112	0.233	<0.200	7.65	<50.0
PH-36 @ 6' 40.302891 / -104.692151)	04/23/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
PH-37 @ 6' (40.302459 / -104.691843)	05/07/19	6	<0.050	0.702	<0.050	8.50	<0.200	181	<50.0
PH-38 @ 6' (40.302667 / -104.691846)	05/07/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-39 @ 6' (40.302901 / -104.691862)	05/07/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-40 @ 6' (40.302459 / -104.691727)	05/07/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-41 @ 6' (40.301872 / -104.692120)	05/07/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-42 @ 3' (40.302206 / -104.692773)	05/07/19	3	<0.002	<0.002	<0.002	0.019	<0.008	1.98	<50.0
PH-42 @ 6' (40.302206 / -104.692773)	05/07/19	6	0.005	<0.002	0.013	0.117	<0.008	2.46	<50.0
PH-43 @ 6' (40.302041 / -104.691810)	06/11/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-44 @ 6' (40.301940 / -104.691764)	06/11/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-45 @ 6' (40.301901 / -104.691861)	06/11/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
PH-46 @ 6' (40.301906 / -104.691999)	06/11/19	6	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
PH-47 @ 6' (40.302268 / -104.692698)	06/11/19	6	<0.050	<0.050	<0.050	<0.050	<0.200	32.5	<50.0
MW-01 @ 3-4' (40.302119701 / -104.691790192)	07/18/19	3-4	<0.002	<0.498	0.106	5.16	0.017	19.6	56.6
MW-02 @ 3-4' (40.302235118 / -104.691808961)	07/18/19	3-4	<0.002	<0.002	<0.002	0.004	<0.008	<0.200	<50.0
MW-06 @ 3-4' (40.301979058 / -104.692120582)	07/19/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-07 @ 3-4' (40.302030237 / -104.692302481)	07/18/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-09 @ 3-4' (40.302210622 / -104.692471959)	07/18/19	3-4	0.062	0.090	0.026	0.305	<0.008	2.55	<50.0
MW-11 @ 3-4' (40.302329421 / -104.692572572)	07/18/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	0.786	<50.0
MW-15 @ 3-4' (40.302895309 / -104.692436219)	07/18/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-16 @ 3-4' (40.302909275 / -104.692198345)	07/18/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-17 @ 3-4' (40.302667012 / -104.69200865)	07/18/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-21 @ 3-4' (40.302299551 / -104.69199433)	07/19/19	3-4	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-22 @ 3-4' (40.302369699 / -104.691772562)	07/18/19	3-4	<0.050	<0.050	<0.050	0.748	<0.200	16.3	<50.0
MW-23 @ 2.5-5' (40.302200453 / -104.69272162)	08/30/19	2.5-5	0.072	<0.050	0.455	<0.050	<0.200	146	71.8
MW-24 @ 5-7.5' (40.302524739 / -104.692637259)	08/30/19	5-7.5	<0.050	<0.050	<0.050	<0.050	<0.200	40.1	<50.0
MW-25 @ 5-7.5' (40.302695067 / -104.692670596)	08/30/19	5-7.5	0.684	2.02	0.144	2.48	<0.200	64.0	<50.0
MW-26 @ 5-7.5' (40.302767336 / -104.69252035)	08/30/19	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-27 @ 5-7.5' (40.30303321 / -104.692250043)	08/30/19	5-7.5	<0.050	<0.050	<0.050	0.209	0.289	<5.00	<50.0
MW-28 @ 10-12.5' (40.302979245 / -104.692069738)	08/30/19	10-12.5	<0.002	0.004	<0.002	0.022	<0.008	0.752	<50.0
MW-29 @ 2.5-5' (40.302597483 / -104.6917501)	08/30/19	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-30 @ 0-2.5' (40.302504019 / -104.691725321)	08/30/19	0-2.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-31 @ 0-2.5' (40.302391137 / -104.69166097)	08/30/19	0-2.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-32 @ 5-7.5' (40.302239112 / -104.691665503)	08/30/19	5-7.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-33 @ 7.5-10' (40.30188792 / -104.692035193)	08/30/19	7.5-10	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-34 @ 2.5-5' (40.301900988 / -104.692203841)	08/30/19	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-35 @ 0-2.5' (40.302056531 / -104.692463891)	08/30/19	0-2.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-36 @ 2.5-5' (40.302106311 / -104.692780821)	12/09/19	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-37 @ 2.5-5' (40.302190609 / -104.692836652)	12/09/19	2.5-5	<0.050	<0.050	<0.050	<0.050	<0.200	8.72	<50.0

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
MW-38 @ 2.5-5' (40.302324178 / -104.692700177)	12/09/19	2.5-5	<0.050	<0.050	0.056	<0.050	<0.200	43.5	<50.0
MW-39 @ 2.5-5' (40.302410778 / -104.692678479)	12/09/19	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-40 @ 2.5-5' (40.302643071 / -104.692776155)	12/09/19	2.5-5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
MW-41 @ 2.5-5' (40.302744015 / -104.692791762)	12/09/19	2.5-5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
MW-42 @ 2.5-5' (40.302849341 / -104.692093695)	12/09/19	2.5-5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<50.0
MW-43 @ 5-7' (40.302534657 / -104.692763044)	01/24/20	5-7.0	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-44 @ 5-7' (40.302591659 / -104.692885061)	01/24/20	5-7.0	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-45 @ 5-6' (40.302684508 / -104.692884523)	01/24/20	5-6.0	0.090	2.18	0.166	10.3	<0.200	194	311
MW-46 @ 5-7' (40.30280581 / -104.69288533)	01/24/20	5-7.0	0.144	0.218	0.134	1.96	<0.200	74.3	<50.0
MW-47 @ 5-6' (40.302838687 / -104.692769828)	01/24/20	5-6.0	0.336	8.74	1.51	22.3	0.554	521	95.9
MW-48 @ 2.5-5' (40.30264791 / -104.692993306)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-49 @ 0-2.5' (40.30274407 / -104.692993421)	02/26/20	0-2.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-50 @ 2.5-5' (40.302845824 / -104.692982621)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-51 @ 2.5-5' (40.302895994 / -104.692870094)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-52 @ 2.5-5' (40.302915588 / -104.692721061)	02/26/20	2.5-5	0.014	0.002	<0.002	0.003	<0.008	<0.200	<50.0
MW-53 @ 2.5-5' (40.30303591 / -104.692653097)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-54 @ 2.5-5' (40.303011364 / -104.69281354)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-55 @ 0-2.5' (40.302973687 / -104.693000314)	02/26/20	0-2.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-56 @ 2.5-5' (40.302909938 / -104.693101251)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-57 @ 2.5-5' (40.302800565 / -104.69313486)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-58 @ 0-2.5' (40.302691005 / -104.693128963)	02/26/20	0-2.5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-59 @ 2.5-5' (40.302590947 / -104.693116994)	02/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-60 @ 2.5-5' (40.302737523 / -104.693318149)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-61 @ 2.5-5' (40.302913728 / -104.693298928)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-62 @ 2.5-5' (40.303060328 / -104.693191766)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-63 @ 2.5-5' (40.303145405 / -104.692983302)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500	
MW-64 @ 2.5-5' (40.303175417 / -104.692797462)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-65 @ 2.5-5' (40.303185046 / -104.692610888)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
MW-66 @ 2.5-5' (40.303053364 / -104.692444335)	03/26/20	2.5-5	<0.002	<0.002	<0.002	<0.002	<0.008	<0.200	<50.0
**Data collected by AECOM and given to Eagle Environmental Consulting, Inc. (EAGLE). EAGLE retained as environmental consultant as of 12/19/18. COGCC = Colorado Oil and Gas Conservation Commission mg/kg = milligrams per kilogram TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics Note: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit. Values presented in bold typeface exceed COGCC Table 910-1 regulatory limits for that compound.									

TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
GW-01 (40.302031 / -104.692199)	12/19/18	277	765	66.3	907
MW-01 (40.302119701 / -104.691790192)	07/25/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-02 (40.302235118 / -104.691808961)	07/25/19	1200	3610	78.7	2260
	11/06/19	460	282	<50.0	328
	02/18/20	869	631	17.8	953
MW-03 (40.302191526 / -104.69195001)	07/25/19	398	<4.00	<4.00	<4.00
	11/06/19	8.72	<4.00	<4.00	<4.00
	02/18/20	16.4	<1.00	<1.00	<1.00
MW-04 (40.302188184 / -104.692109075)	07/25/19	3840	<1.00	1.13	6.51
	11/06/19	39.0	<1.00	<1.00	1.83
	02/18/20	67.6	<1.00	<1.00	<1.00
MW-05 (40.302102917 / -104.69219658)	07/25/19	9.19	<1.00	<1.00	2.44
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	200	<1.00	<1.00	<1.00
MW-06 (40.301979058 / -104.692120582)	07/25/19	3250	8900	454	8010
	11/06/19	2110	7660	315	4420
	02/18/20	63.0	1380	186	2470
MW-07 (40.302030237 / -104.692302481)	07/25/19	<1.00	2.28	38.9	278
	11/06/19	<1.00	<1.00	6.35	13.9
	02/18/20	<1.00	<1.00	43.3	148
MW-08 (40.302120873 / -104.69236757)	07/25/19	411	<1.00	<1.00	4190
	11/06/19	242	<20.0	164	3070
	02/18/20	<4.00	<4.00	140	1170
MW-09 (40.302210622 / -104.692471959)	07/25/19	19800	22900	903	15700
	11/06/19	13300	8520	516	7540
	02/18/20	6080	374	482	4580
MW-10 (40.302291308 / -104.692234645)	07/25/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	23.0	<1.00	4.41	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-11 (40.302329421 / -104.692572572)	07/25/19	1.84	<1.00	<1.00	<1.00
	11/06/19	6.37	<1.00	<1.00	<1.00
	02/18/20	2.05	<1.00	<1.00	<1.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
MW-12 (40.302499823 / -104.692439204)	07/25/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-13 (40.3026212 / -104.692526036)	07/25/19	94.5	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-14 (40.302813528 / -104.692355592)	07/25/19	2430	<1.00	12.5	44.4
	11/06/19	311	<50.0	<50.0	<50.0
	02/18/20	36.7	<1.00	6.55	17.1
MW-15 (40.302895309 / -104.692436219)	07/25/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	2.69	<1.00	<1.00	<1.00
	02/18/20	1.47	<1.00	<1.00	<1.00
MW-16 (40.302909275 / -104.692198345)	07/25/19	32.0	701	45.4	1750
	11/06/19	<4.00	37.4	209	4060
	02/18/20	<4.00	<4.00	43.0	782
MW-17 (40.302667012 / -104.69200865)	07/25/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	1.16	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-18 (40.3025802 / -104.692043149)	07/25/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	3.80	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-19 (40.302496122 / -104.692126669)	07/25/19	26.2	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-20 (40.30249127 / -104.691937739)	07/25/19	372	5.29	8.08	118
	11/06/19	<4.00	<4.00	<4.00	<4.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-21 (40.302299551 / -104.69199433)	07/25/19	17.7	1.28	<1.00	<1.00
	11/06/19	1.44	<1.00	<1.00	<1.00
	02/18/20	4.36	<1.00	<1.00	<1.00
MW-22 (40.302369699 / -104.691772562)	07/25/19	7.33	55.1	3.15	122
	11/06/19	<1.00	1.39	<1.00	10.2
	02/18/20	<1.00	<1.00	<1.00	4.05
MW-23 (40.302200453 / -104.69272162)	09/09/19	117	<1.00	98.6	26.4
	11/06/19	151	<1.00	30.2	<1.00
	02/18/20	14.9	<1.00	5.81	<1.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
MW-24 (40.302524739 / -104.692637259)	09/09/19	<1.00	<1.00	29.6	135
	11/06/19	<1.00	<1.00	6.72	22.1
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-25 (40.302695067 / -104.692670596)	09/09/19	3630	7000	218	3450
	11/06/19	2510	421	171	776
	02/18/20	1880	1270	100	1270
MW-26 (40.302767336 / -104.69252035)	09/09/19	32.8	<1.00	<1.00	<1.00
	11/06/19	1.19	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-27 (40.30303321 / -104.692250043)	09/09/19	25.8	2.85	<1.00	372
	11/06/19	4.15	<1.00	<1.00	10.5
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-28 (40.302979245 / -104.692069738)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-29 (40.302597483 / -104.6917501)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-30 (40.302504019 / -104.691725321)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-31 (40.302391137 / -104.69166097)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-32 (40.302239112 / -104.691665503)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-33 (40.30188792 / -104.692035193)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-34 (40.301900988 / -104.692203841)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-35 (40.302056531 / -104.692463891)	09/09/19	<1.00	<1.00	<1.00	<1.00
	11/06/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
MW-36 (40.302106311 / -104.692780821)	12/12/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-37 (40.302190609 / -104.692836652)	12/12/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-38 (40.302324178 / -104.692700177)	12/12/19	<1.00	<1.00	3.40	6.97
	02/18/20	<1.00	<1.00	1.23	<1.00
MW-39 (40.302410778 / -104.692678479)	12/12/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-40 (40.302643071 / -104.692776155)	12/12/19	1140	3000	288	4870
	02/18/20	125	119	40.8	929
MW-41 (40.302744015 / -104.692791762)	12/12/19	446	183	<1.00	1430
	02/18/20	2700	1210	234	2550
MW-42 (40.302849341 / -104.692093695)	12/12/19	<1.00	<1.00	<1.00	<1.00
	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-43 (40.302534657 / -104.692763044)	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-44 (40.302591659 / -104.692885061)	02/18/20	<1.00	<1.00	<1.00	<1.00
MW-45 (40.302684508 / -104.692884523)	02/18/20	354	1740	185	2970
MW-46 (40.30280581 / -104.69288533)	02/18/20	2070	2290	313	4390
MW-47 (40.302838687 / -104.692769828)	02/18/20	3610	18800	492	9040
MW-48 (40.30264791 / -104.692993306)	03/03/20	48.9	316	89.8	1360
MW-49 (40.30274407 / -104.692993421)	03/03/20	1310	7140	159	2600
MW-50 (40.302845824 / -104.692982621)	03/03/20	14.3	3.52	18.3	318
MW-51 (40.302895994 / -104.692870094)	03/03/20	391	740	99.5	565
MW-52 (40.302915588 / -104.692721061)	03/03/20	281	545	69.2	407

TABLE 2
GROUNDWATER ANALYTICAL RESULTS SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
MW-53 (40.30303591 / -104.692653097)	03/03/20	1450	839	75.9	1490
MW-54 (40.303011364 / -104.69281354)	03/03/20	413	268	12.6	540
MW-55 (40.302973687 / -104.693000314)	03/03/20	911	869	112	414
MW-56 (40.302909938 / -104.693101251)	03/03/20	206	1.89	37.6	320
MW-57 (40.302800565 / -104.69313486)	03/03/20	132	869	116	1480
MW-58 (40.302691005 / -104.693128963)	03/03/20	3.76	<4.00	5.17	169
MW-59 (40.302590947 / -104.693116994)	03/03/20	<1.00	<1.00	<1.00	<1.00
MW-60 (40.302737523 / -104.693318149)	03/26/20	<4.00	<4.00	<4.00	<4.00
MW-61 (40.302913728 / -104.693298928)	03/26/20	12.9	<4.00	11.9	239
MW-62 (40.303060328 / -104.693191766)	03/26/20	2110	2340	674	9810
MW-63 (40.303145405 / -104.692983302)	03/26/20	53.4	154	11.1	208
MW-64 (40.303175417 / -104.692797462)	03/26/20	291	149	31.8	522
MW-65 (40.303185046 / -104.692610888)	03/26/20	1600	2190	219	3280
MW-66 (40.303053364 / -104.692444335)	03/26/20	551	17.4	13.3	243
COGCC = Colorado Oil and Gas Conservation Commission					
µg/L - micrograms per liter					
Note: Values presented with a less than symbol (<) indicate concentrations were not observed at or above the laboratory reporting limit.					
Values presented in bold typeface exceed their respective COGCC - Regulatory Limits (Table 910-1).					

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-01 (40.302119701 / -104.691790192)	09/09/19	100.00	7.25	92.75	4.70	2.55
	11/06/19		7.05	92.95	4.50	
	01/15/20		7.73	92.27	5.18	
	02/18/20		8.09	91.91	5.54	
	03/31/20		7.76	92.24	5.21	
MW-02 (40.302235118 / -104.691808961)	09/09/19	99.97	7.61	92.36	5.03	2.58
	11/06/19		7.41	92.56	4.83	
	01/15/20		8.12	91.85	5.54	
	02/18/20		8.45	91.52	5.87	
	03/31/20		7.88	92.09	5.30	
MW-03 (40.302191526 / -104.69195001)	09/09/19	97.40	3.34	94.06	3.34	NA
	11/06/19		4.15	93.25	4.15	
	01/15/20		4.82	92.58	4.82	
	02/18/20		5.15	92.25	5.15	
	03/31/20		4.58	92.82	4.58	
MW-04 (40.302188184 / -104.692109075)	09/09/19	96.83	4.00	92.83	4.00	NA
	11/06/19		3.68	93.15	3.68	
	01/15/20		4.51	92.32	4.51	
	02/18/20		4.84	91.99	4.84	
	03/31/20		4.22	92.61	4.22	
MW-05 (40.302102917 / -104.69219658)	09/09/19	97.12	3.93	93.19	3.93	NA
	11/06/19		3.86	93.26	3.86	
	01/15/20		4.46	92.66	4.46	
	02/18/20		4.77	92.35	4.77	
	03/31/20		4.11	93.01		
MW-06 (40.301979058 / -104.692120582)	09/09/19	97.74	3.59	94.15	3.59	NA
	11/06/19		3.49	94.25	3.49	
	01/15/20		4.07	93.67	4.07	
	02/18/20		4.39	93.35	4.39	
	03/31/20		3.70	94.04	3.70	
MW-07 (40.302030237 / -104.692302481)	09/09/19	99.65	7.14	92.51	4.24	2.90
	11/06/19		6.98	92.67	4.08	
	01/15/20		7.60	92.05	4.70	
	02/18/20		7.93	91.72	5.03	
	03/31/20		7.22	92.43	4.32	
MW-08 (40.302120873 / -104.69236757)	09/09/19	96.54	3.71	92.83	3.71	NA
	11/06/19		3.65	92.89	3.65	
	01/15/20		4.23	92.31	4.23	
	02/18/20		4.55	91.99	4.55	
	03/31/20		3.85	92.69	3.85	

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-09 (40.302210622 / -104.692471959)	09/09/19	95.92	3.88	92.04	3.88	NA
	11/06/19		3.81	92.11	3.81	
	01/15/20		4.41	91.51	4.41	
	02/18/20		4.73	91.19	4.73	
	03/31/20		3.99	91.93	3.99	
MW-10 (40.302291308 / -104.692234645)	09/09/19	95.85	3.74	92.11	3.74	NA
	11/06/19		3.63	92.22	3.63	
	01/15/20		4.33	91.52	4.33	
	02/18/20		4.58	91.27	4.58	
	03/31/20		3.95	91.90	3.95	
MW-11 (40.302329421 / -104.692572572)	09/09/19	97.70	6.78	90.92	3.75	3.03
	11/06/19		6.83	90.87	3.80	
	01/15/20		7.41	90.29	4.38	
	02/18/20		7.64	90.06	4.61	
	03/31/20		7.08	90.62	4.05	
MW-12 (40.302499823 / -104.692439204)	09/09/19	98.02	7.78	90.24	4.48	3.30
	11/06/19		7.79	90.23	4.49	
	01/15/20		8.39	89.63	5.09	
	02/18/20		8.67	89.35	5.37	
	03/31/20		8.08	89.94	4.78	
MW-13 (40.3026212 / -104.692526036)	09/09/19	96.85	7.42	89.43	4.53	2.89
	11/06/19		7.59	89.26	4.70	
	01/15/20		8.25	88.60	5.36	
	02/18/20		8.53	88.32	5.64	
	03/31/20		7.93	88.92	5.04	
MW-14 (40.302813528 / -104.692355592)	09/09/19	96.67	7.17	89.50	4.31	2.86
	11/06/19		7.34	89.33	4.48	
	01/15/20		8.03	88.64	5.17	
	02/18/20		8.31	88.36	5.45	
	03/31/20		7.75	88.92	4.89	
MW-15 (40.302895309 / -104.692436219)	09/09/19	95.87	6.84	89.03	4.29	2.55
	11/06/19		7.11	88.76	4.56	
	01/15/20		7.81	88.06	5.26	
	02/18/20		8.09	87.78	5.54	
	03/31/20		7.51	88.36	4.96	
MW-16 (40.302909275 / -104.692198345)	09/09/19	96.53	7.17	89.36	4.74	2.43
	11/06/19		7.31	89.22	4.88	
	01/15/20		8.09	88.44	5.66	
	02/18/20		8.40	88.13	5.97	
	03/31/20		7.80	88.73	5.37	

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-17 (40.302667012 / -104.69200865)	09/09/19	98.10	7.27	90.83	4.54	2.73
	11/06/19		7.14	90.96	4.41	
	01/15/20		7.93	90.17	5.20	
	02/18/20		8.33	89.77	5.60	
	03/31/20		7.71	90.39	4.98	
MW-18 (40.3025802 / -104.692043149)	09/09/19	98.18	7.16	91.02	4.46	2.70
	11/06/19		7.00	91.18	4.30	
	01/15/20		7.71	90.47	5.01	
	02/18/20		8.04	90.14	5.34	
	03/31/20		7.51	90.67	4.81	
MW-19 (40.302496122 / -104.692126669)	09/09/19	98.59	7.93	90.66	4.95	2.98
	11/06/19		7.81	90.78	4.83	
	01/15/20		8.48	90.11	5.50	
	02/18/20		8.75	89.84	5.77	
	03/31/20		8.27	90.32	5.29	
MW-20 (40.30249127 / -104.691937739)	09/09/19	98.87	7.44	91.43	4.59	2.85
	11/06/19		7.27	91.60	4.42	
	01/15/20		7.97	90.90	5.12	
	02/18/20		8.28	90.59	5.43	
	03/31/20		7.77	91.10	4.92	
MW-21 (40.302299551 / -104.69199433)	09/09/19	96.38	4.01	92.37	4.01	NA
	11/06/19		3.88	92.50	3.88	
	01/15/20		4.54	91.84	4.54	
	02/18/20		4.88	91.50	4.88	
	03/31/20		4.34	92.04	4.34	
MW-22 (40.302369699 / -104.691772562)	09/09/19	99.58	7.28	92.30	4.89	2.39
	11/06/19		7.25	92.33	4.86	
	01/15/20		7.76	91.82	5.37	
	02/18/20		8.10	91.48	5.71	
	03/31/20		7.52	92.06	5.13	
MW-23 (40.302200453 / -104.69272162)	09/09/19	98.79	7.06	91.73	4.12	2.94
	11/06/19		7.44	91.35	4.50	
	01/15/20		7.90	90.89	4.96	
	02/18/20		8.20	90.59	5.26	
	03/31/20		7.39	91.40	4.45	
MW-24 (40.302524739 / -104.692637259)	09/09/19	97.06	7.52	89.54	4.46	3.06
	11/06/19		7.81	89.25	4.75	
	01/15/20		8.40	88.66	5.34	
	02/18/20		8.68	88.38	5.62	
	03/31/20		7.94	89.12	4.88	

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-25 (40.302695067 / -104.692670596)	09/09/19	96.41	7.35	89.06	4.59	2.76
	11/06/19		7.71	88.70	4.95	
	01/15/20		8.34	88.07	5.58	
	02/18/20		8.63	87.78	5.87	
	03/31/20		7.99	88.42	5.23	
MW-26 (40.302767336 / -104.69252035)	09/09/19	96.29	6.68	89.61	3.76	2.92
	11/06/19		7.24	89.05	4.32	
	01/15/20		7.93	88.36	5.01	
	02/18/20		8.24	88.05	5.32	
	03/31/20		7.65	88.64	4.73	
MW-27 (40.30303321 / -104.692250043)	09/09/19	96.17	6.56	89.61	3.79	2.77
	11/06/19		7.66	88.51	4.89	
	01/15/20		8.45	87.72	5.68	
	02/18/20		8.76	87.41	5.99	
	03/31/20		8.16	88.01	5.39	
MW-28 (40.302979245 / -104.692069738)	09/09/19	97.14	7.09	90.05	4.05	3.04
	11/06/19		7.94	89.20	4.90	
	01/15/20		8.77	88.37	5.73	
	02/18/20		9.09	88.05	6.05	
	03/31/20		8.51	88.63	5.47	
MW-29 (40.302597483 / -104.6917501)	09/09/19	99.50	7.15	92.35	4.21	2.94
	11/06/19		8.16	91.34	5.22	
	01/15/20		8.84	90.66	5.90	
	02/18/20		9.19	90.31	6.25	
	03/31/20		8.64	90.86	5.70	
MW-30 (40.302504019 / -104.691725321)	09/09/19	99.49	6.61	92.88	3.96	2.65
	11/06/19		7.42	92.07	4.77	
	01/15/20		8.26	91.23	5.61	
	02/18/20		6.06	93.43	3.41	
	03/31/20		8.05	91.44	5.40	
MW-31 (40.302391137 / -104.69166097)	09/09/19	97.99	4.27	93.72	4.27	NA
	11/06/19		5.16	92.83	5.16	
	01/15/20		5.94	92.05	5.94	
	02/18/20		6.29	91.70	6.29	
	03/31/20		5.73	92.26	5.73	
MW-32 (40.302239112 / -104.691665503)	09/09/19	97.96	4.22	93.74	4.22	NA
	11/06/19		5.15	92.81	5.15	
	01/15/20		5.89	92.07	5.89	
	02/18/20		6.25	91.71	6.25	
	03/31/20		5.66	92.30	5.66	

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-33 (40.30188792 / -104.692035193)	09/09/19	98.50	2.88	95.62	2.88	NA
	11/06/19		3.56	94.94	3.56	
	01/15/20		4.12	94.38	4.12	
	02/18/20		9.45	89.05	9.45	
	03/31/20		3.76	94.74	3.76	
MW-34 (40.301900988 / -104.692203841)	09/09/19	98.52	3.46	95.06	3.46	NA
	11/06/19		3.95	94.57	3.95	
	01/15/20		4.47	94.05	4.47	
	02/18/20		4.79	93.73	4.79	
	03/31/20		4.07	94.45	4.07	
MW-35 (40.302056531 / -104.692463891)	09/09/19	98.75	3.51	95.24	3.51	NA
	11/06/19		3.82	94.93	3.82	
	01/15/20		4.38	94.37	4.38	
	02/18/20		4.69	94.06	4.69	
	03/31/20		3.94	94.81	3.94	
MW-36 (40.302106311 / -104.692780821)	12/12/19	95.26	3.84	91.42	3.84	NA
	01/15/20		4.21	91.05	4.21	
	02/18/20		4.49	90.77	4.49	
	03/31/20		3.67	91.59	3.67	
MW-37 (40.302190609 / -104.692836652)	12/12/19	95.39	4.44	90.95	4.44	NA
	01/15/20		4.82	90.57	4.82	
	02/18/20		5.11	90.28	5.11	
	03/31/20		4.23	91.16	4.23	
MW-38 (40.302324178 / -104.692700177)	12/12/19	97.95	10.36	87.59	7.06	3.30
	01/15/20		8.08	89.87	4.78	
	02/18/20		8.36	89.59	5.06	
	03/31/20		7.68	90.27	4.38	
MW-39 (40.302410778 / -104.692678479)	12/12/19	97.11	11.34	85.77	8.59	2.75
	01/15/20		7.81	89.30	5.06	
	02/18/20		8.28	88.83	5.53	
	03/31/20		7.46	89.65	4.71	
MW-40 (40.302643071 / -104.692776155)	12/12/19	96.38	8.22	88.16	5.59	2.63
	01/15/20		8.54	87.84	5.91	
	02/18/20		8.80	87.58	6.17	
	03/31/20		8.17	88.21	5.54	
MW-41 (40.302744015 / -104.692791762)	12/12/19	96.42	8.59	87.83	5.52	3.07
	01/15/20		8.90	87.52	5.83	
	02/18/20		9.18	87.24	6.11	
	03/31/20		8.55	87.87	5.48	

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-42 (40.302849341 / -104.692093695)	12/12/19	97.24	7.89	89.35	5.14	2.75
	01/15/20		8.28	88.96	5.53	
	02/18/20		8.61	88.63	5.86	
	03/31/20		8.05	89.19	5.30	
MW-43 (40.302534657 / -104.692763044)	02/18/20	96.67	8.55	88.12	5.83	2.72
	03/31/20		7.93	88.74	5.21	
MW-44 (40.302591659 / -104.692885061)	02/18/20	96.41	8.87	87.54	6.18	2.69
	03/31/20		8.26	88.15	5.57	
MW-45 (40.302684508 / -104.692884523)	02/18/20	96.21	9.02	87.19	6.26	2.76
	03/31/20		8.32	87.89	5.56	
MW-46 (40.30280581 / -104.69288533)	02/18/20	95.64	8.84	86.80	6.19	2.65
	03/31/20		8.25	87.39	5.60	
MW-47 (40.302838687 / -104.692769828)	02/18/20	95.84	8.89	86.95	6.02	2.87
	03/31/20		8.26	87.58	5.39	
MW-48 (40.302838687 / -104.692769828)	03/03/20	95.73	8.61	87.12	6.20	2.41
	03/31/20		8.07	87.66	5.66	
MW-49 (40.30274407 / -104.692993421)	03/03/20	95.26	8.65	86.61	6.37	2.28
	03/31/20		7.91	87.35	5.63	
MW-50 (40.302845824 / -104.692982621)	03/03/20	94.83	8.57	86.26	6.38	2.19
	03/31/20		7.88	86.95	5.69	
MW-51 (40.302895994 / -104.692870094)	03/03/20	95.23	8.88	86.35	6.32	2.56
	03/31/20		8.18	87.05	5.62	
MW-52 (40.302915588 / -104.692721061)	03/03/20	95.12	8.41	86.71	6.02	2.39
	03/31/20		7.70	87.42	5.31	
MW-53 (40.30303591 / -104.692653097)	03/03/20	95.02	8.68	86.34	6.05	2.63
	03/31/20		7.98	87.04	5.35	
MW-54 (40.303011364 / -104.69281354)	03/03/20	94.69	8.71	85.98	6.14	2.57
	03/31/20		7.99	86.70	5.42	
MW-55 (40.302973687 / -104.693000314)	03/03/20	94.63	9.63	85.00	7.02	2.61
	03/31/20		8.89	85.74	6.28	
MW-56 (40.302909938 / -104.693101251)	03/03/20	95.30	9.62	85.68	6.36	3.26
	03/31/20		8.92	86.38	5.66	
MW-57 (40.302800565 / -104.69313486)	03/03/20	95.12	9.01	86.11	6.27	2.74
	03/31/20		8.30	86.82	5.56	

TABLE 3
GROUNDWATER ELEVATION SUMMARY
EDWARD HEMPLE UNIT 1
HISTORICAL RELEASE
40.302039 / -104.692251
SW1/4 NW1/4 SEC.20 T4N R65W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12591

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)	Depth to Groundwater (bgs) (feet)	Stickup Height (feet)
MW-58 (40.302691005 / -104.693128963)	03/03/20	95.10	8.55	86.55	6.12	2.43
	03/31/20		7.82	87.28	5.39	
MW-59 (40.302590947 / -104.693116994)	03/03/20	95.42	8.45	86.97	6.05	2.40
	03/31/20		7.76	87.66	5.36	
MW-60 (40.302737523 / -104.693318149)	03/26/20	94.05	8.50	85.55	5.36	3.14
	03/31/20		8.42	85.63	5.28	
MW-61 (40.302913728 / -104.693298928)	03/26/20	94.54	8.71	85.83	5.63	3.08
	03/31/20		8.57	85.97	5.49	
MW-62 (40.303060328 / -104.693191766)	03/26/20	94.09	8.56	85.53	5.61	2.95
	03/31/20		8.39	85.70	5.44	
MW-63 (40.303145405 / -104.692983302)	03/26/20	94.07	8.48	85.59	5.76	2.72
	03/31/20		8.28	85.79	5.56	
MW-64 (40.303175417 / -104.692797462)	03/26/20	94.39	8.51	85.88	5.69	2.82
	03/31/20		8.35	86.04	5.53	
MW-65 (40.303185046 / -104.692610888)	03/26/20	94.82	8.03	86.79	5.25	2.78
	03/31/20		7.30	87.52	4.52	
MW-66 (40.303053364 / -104.692444335)	03/26/20	95.51	8.01	87.50	5.35	2.66
	03/31/20		7.81	87.70	5.15	
NOTES: TOC - top of casing bgs - below ground surface NA - Not Applicable						

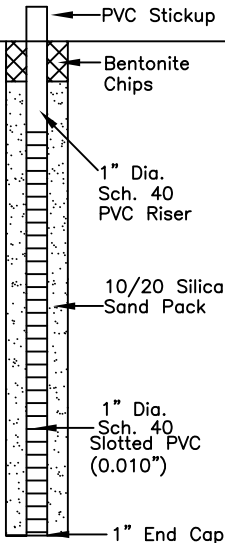


ATTACHMENT A

Soil Boring/Well Completion Diagram (New wells only: MW-43 through MW-66)

Boring Log/Well Completion Diagram: MW-43

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - light brown, moist to wet, medium stiff, medium plasticity, poorly graded with ~20% fine grained sand, N/O, N/S	CL	DP	1	75	0.0	N/A	5		wet @ 7'
						0.0				
5			DP	2	100	0.0	N/A			
						0.0				
10	(10-12') gravelly CLAY - reddish brown, wet, stiff, low to medium plasticity, poorly graded with 15% gravel, N/O, N/S	DP	3	100	0.0	N/A	10			
	BoB @ 12'									
15								15		
20								20		
25								25		
30										HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 01/24/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1050 / 1105

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7/1100

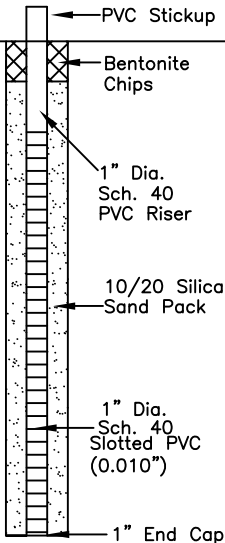


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-44

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-12') sandy CLAY - brown to light brown, moist to wet, medium stiff, medium plasticity, poorly graded with 15% fine grained sand, N/O, N/S	CL	DP	1	30	0.0	N/A	5		wet @ 7'
						0.0				
5			DP	2	90	0.0	N/A			
						0.0				
10	@10-12' - reddish brown and gray color		DP	3	100	0.0	N/A			
						0.0				
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 01/24/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1105 / 1120

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7/1110

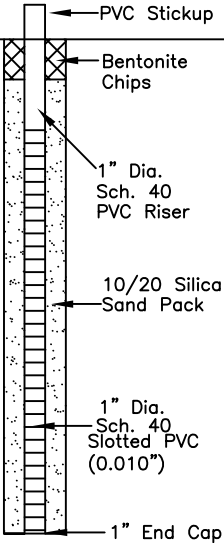


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-45

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-5') sandy CLAY - brown, dry to moist, stiff, low to medium plasticity, poorly graded with 20% fine grained sand, N/O, N/S	CL	DP	1	50	0.0	N/A			wet @ 6'
5	(5-10') clayey SAND - light brown, moist to wet, loose, fine to medium grained, poorly graded with 40% clay @6-10' - black staining, strong HC odor	SC	DP	2	60	1155 1088 1262	N/A	5		
10	(10-12') sandy CLAY - reddish brown and gray, wet, stiff, low to medium plasticity, poorly graded with 20% fine grained sand, N/O, N/S	CL	DP	3	100	1.6	N/A	10		
12	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 01/24/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1120 / 1140

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-6/1130

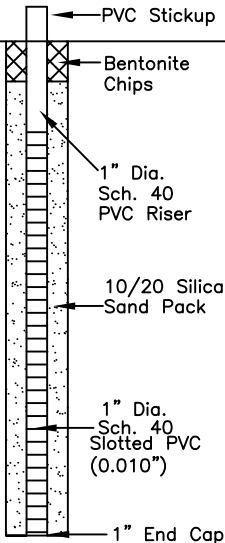


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-46

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-12') sandy CLAY - light brown, moist to wet, medium stiff, medium to high plasticity, poorly graded with 15% fine grained sand	CL	DP	1	50	0.0	N/A			wet @ 7'
						0.0				
5	@5-8' - gray staining, strong HC odor		DP	2	80	1548	N/A	5		
						192.7				
	@8' - slight, N/S		DP	3	100	0.3	N/A	10		
10	@10' - N/O, N/S									
	BoB @ 12'									
15										
20										
25										
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 01/24/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1200 / 1215

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7/1210

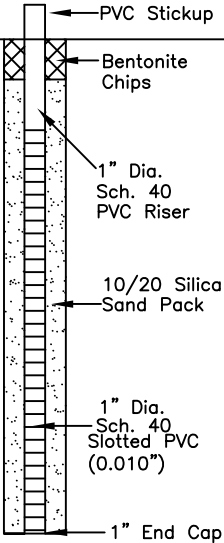
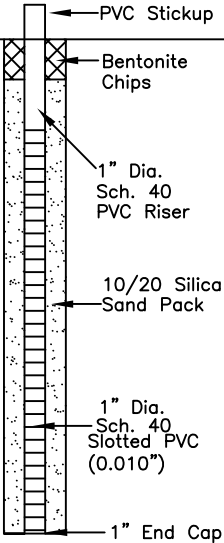


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-47

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown, moist to wet, medium stiff, medium to high plasticity, poorly graded with ~15% fine grained sand		DP	1	60	0.0	N/A			wet @ 6'
5	@5-10' - gray staining, strong HC odor	CL				17.8	N/A			
			DP	2	95	1310	N/A			
						1113	N/A			
						1579	N/A			
10	(10-12') clayey SAND - orange and gray, wet, medium dense, fine grained sand, poorly graded with 20% clay, N/O, N/S	SC	DP	3	100	2.2	N/A			wet @ 6'
	BoB @ 12'									
15										
20										
25										
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 01/24/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1245 / 1300

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-6/1255

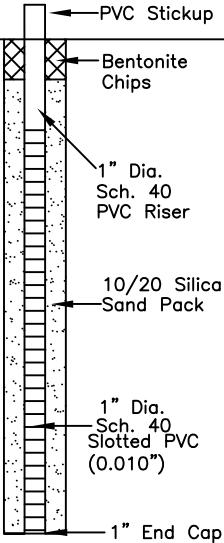
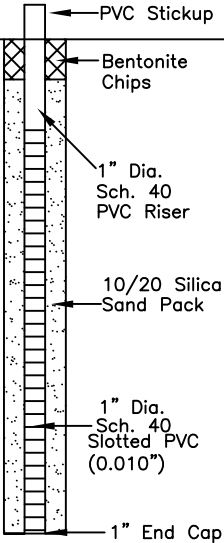
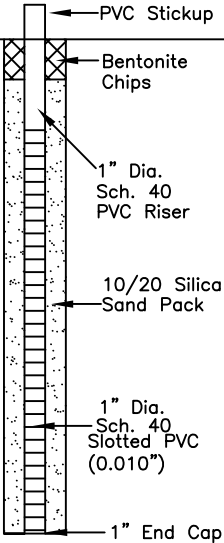


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-48

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-6') sandy CLAY - brown, moist to wet, soft, medium plasticity, moderately graded with ~15% fine grained sand, N/O, N/S		DP	1	60	2.3	N/A			wet @ 5'
5	(6-10') CLAY - brown, wet, stiff, medium plasticity, poorly graded with <10% silt @6-8' - gray/black staining, strong HC odor	CL				3.7	N/A	5		
			DP	2	95	916.2	N/A			
						907.5	N/A			
10	(10-12') clayey SAND - orange and brown, wet, loose, fine grained sand, poorly graded with 20% clay, N/O, N/S	SC	DP	3	100	3.8	N/A	10		wet @ 5'
	BoB @ 12'									
15								15		
20								20		
25								25		wet @ 5'
30								30		

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1000/1020

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1010

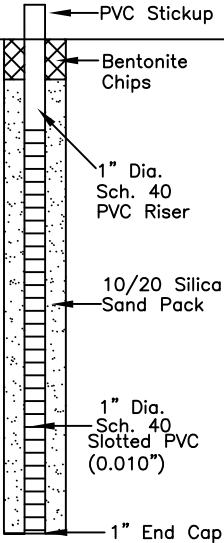


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-49

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-8') sandy CLAY - brown, moist to wet, soft, medium plasticity, moderately graded with ~15% fine grained sand, N/O, N/S	CL	DP	1	70	0.4	N/A			wet @ 5'
5	@6-8' - gray/black staining, strong HC odor					0.0				
		SC	DP	2	90	1049	N/A			
10	(8-12') clayey SAND - orange and brown, wet, loose, fine grained sand, poorly graded with 20% clay, N/O, N/S					197.2				
	BoB @ 12'									
15										
20										
25										
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1021/1030

SAMPLE COLLECTION DEPTH (FEET)/TIME: 0-2.5/1030



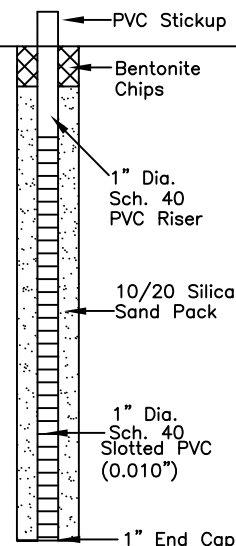
EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-50

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	50	7.7	N/A			
						32.7				
5	@6-8' - gray/black staining, HC odor		DP	2	60	740	N/A	5		wet @ 5'
						42.8				
10	(10-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S	SC	DP	3	100	5.6	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										



HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1045/1100

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1050



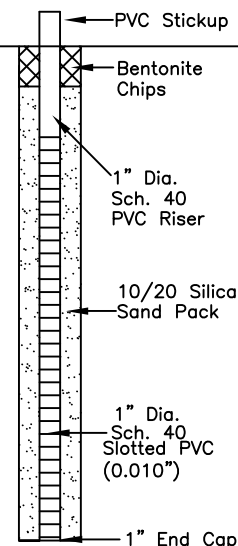
EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-51

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	70	9.3	N/A			
						12.7				
5	@6-8' - gray/black staining, strong HC odor	DP	2	80		1401	N/A	5		wet @ 5'
						207.2				
10	(10-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S	SC	DP	3	100	10.8	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										



HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1100/1120

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1110

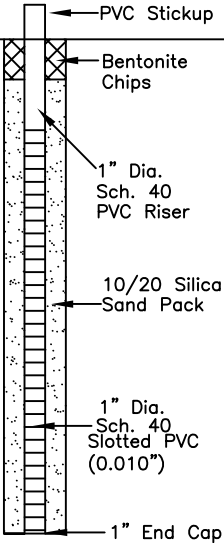


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-52

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	70	6.4	N/A			wet @ 5'
						64.0				
5	@6-8' - gray/black staining, strong HC odor	DP	2	100	1587		N/A	5		
						381.6				
10	(10-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S	SC	DP	3	100	6.4	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1135/1150

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1140



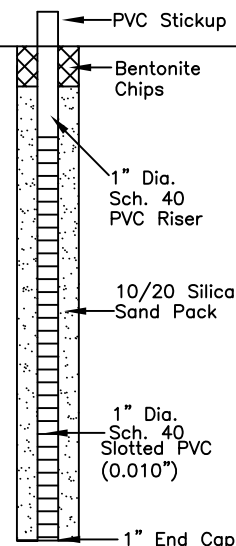
EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-53

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-11') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	40	11.9	N/A			
						32.8				
5	@6-8' - gray/black staining, HC odor	DP	2	100		1384	N/A	5		wet @ 5'
						318.6				
10	(11-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S	SC	DP	3	100	4.4	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										



HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1155/1210

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1200

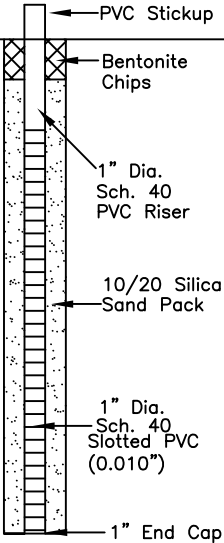


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-54

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	40	11.9	N/A	5		wet @ 5'
5	@6-8.5' - gray/black staining, HC odor					32.8				
10	(10-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S	SC	DP	3	100	1384	N/A	10		
						318.6				
	BoB @ 12'					4.4	N/A			
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1210/1225

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1215



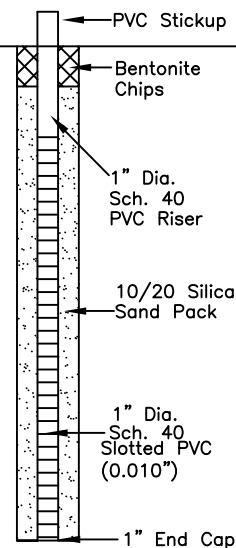
EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-55

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	50	6.0	N/A			
5	@6-8.5' - gray/black staining, HC odor					4.4				
5		DP	2	90		879.9	N/A	5		wet @ 5'
10	(10-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S					569.4				
10		SC	DP	3	100	20.5	N/A	10		
15	BoB @ 12'							15		
20								20		
25								25		
30								30		



HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1225/1240

SAMPLE COLLECTION DEPTH (FEET)/TIME: 0-2.5/1230



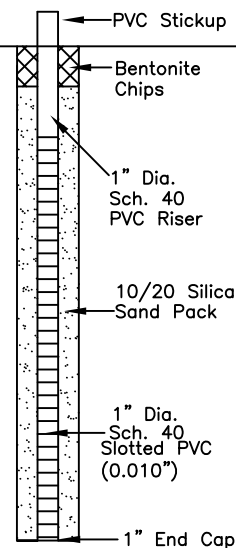
EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-56

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10.5') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand	CL	DP	1	40	5.6	N/A			
						6.2				
5	@6-8' - gray/black staining, HC odor	DP	2	90		782.7	N/A	5		wet @ 5'
						551.2				
10	(10.5-12') clayey SAND - brown, wet, loose, fine grained sand, poorly graded with 15% clay, N/O, N/S	SC	DP	3	100	13.8	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										



HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1250/1305

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-4/1256 10-12/1300

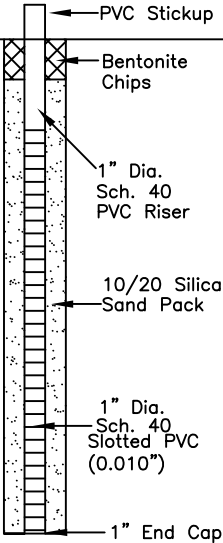


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-57

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-6') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand, N/O, N/S	CL	DP	1	40	5.6	N/A			wet @ 5'
						6.2				
5	(6-10') silty CLAY - brown, wet, stiff, medium plasticity, poorly graded with <10% silt	DP	2	90	782.7	N/A	N/A	5		
	@6-8' - gray/black staining, HC odor									
10	(10-12') clay SAND - brown, wet, loose, fine grained sand, poorly graded with 20% clay, N/O, N/S	SC	DP	3	100	13.8	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1308/1320

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1256

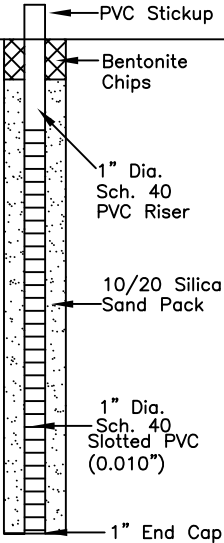


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-58

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-6') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand, N/O, N/S	CL	DP	1	70	6.9	N/A			wet @ 5'
						4.5				
5	(6-10') silty CLAY - brown, wet, stiff, medium plasticity, poorly graded with 10% silt @7-8' - gray/black staining, HC odor	DP	2	90	210.5	775.1	N/A	5		
10	(10-12') clay SAND - brown, wet, loose, fine grained sand, poorly graded with 25% clay, N/O, N/S	SC	DP	3	100	15.3	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1320/1332

SAMPLE COLLECTION DEPTH (FEET)/TIME: 0-2.5/1325

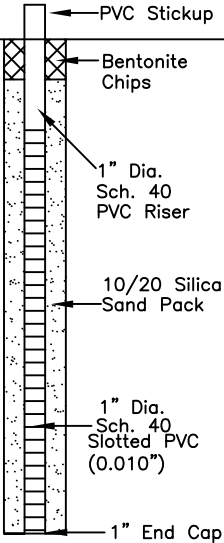


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-59

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-6') sandy CLAY - brown, moist to wet, soft to medium stiff, medium plasticity, moderately graded with ~15% fine grained sand, N/O, N/S	CL	DP	1	50	3.3	N/A			wet @ 5'
						4.8				
5	(6-10') silty CLAY - brown, wet, stiff, medium plasticity, poorly graded with 10% silt, N/O, N/S		DP	2	80	2.9	N/A	5		
						4.3				
10	(10-12') clay SAND - brown, wet, loose, fine grained sand, poorly graded with 25% clay, N/O, N/S	SC	DP	3	100	2.9	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 02/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: C. LAFONTE

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1335/1350

SAMPLE COLLECTION DEPTH (FEET)/TIME: 0-2.5/1340

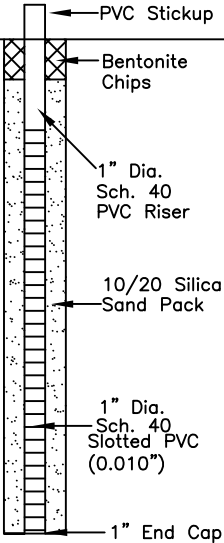


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-60

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - light brown, moist to wet, soft to medium stiff, low to medium plasticity, poorly graded with 20-30% fine grained sand	CL	DP	1	30	2.4	N/A			wet @ 6'
						2.2				
5	@8-10' - gray staining, no odor		DP	2	90	2.1	N/A	5		
						0.4				
10	(10-12') clayey SAND - light brown, wet, dense, fine grained, poorly graded with 20% clay, N/O, N/S	SC	DP	3	100	0.3	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1121/1133

SAMPLE COLLECTION DEPTH (FEET)/TIME: 0-2.5/1125

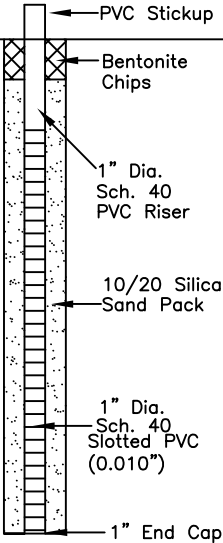


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-61

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - light brown, moist to wet, soft to stiff, low to medium plasticity, poorly graded with 40% fine grained sand					0.6	N/A			wet @ 5.5'
			DP	1	40	0.7				
5	@6.5-8' - black staining, HC odor	CL				266.1	N/A			
	@8-10' - weathered gray staining, no odor		DP	2	80	108.4				
10	(10-12') clayey SAND - light brown, wet, dense, fine grained, poorly graded with 30% clay, N/O, N/S	SC	DP	3	100	1.6	N/A			
	BoB @ 12'									
15										
20										
25										
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1142/1155

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1145

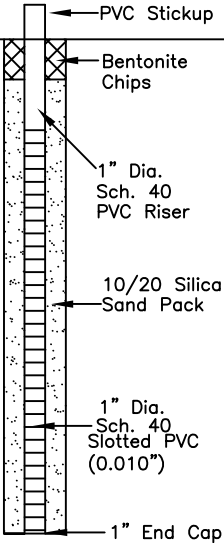


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-62

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-4') sandy CLAY - light brown, moist to wet, soft to stiff, low to medium plasticity, poorly graded with 20-30% fine grained sand, N/O, N/S	CL	DP	1	40	5.8	N/A			wet @ 5.5'
						13.4				
5	(4-12') clayey SAND - light brown, wet, dense, fine grained, poorly graded with 20% clay		DP	2	80	352.8	N/A	5		
	@7-8' - black staining, strong HC odor					173.6				
10	@8' - N/O, N/S	SC	DP	3	100	0.9	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1142/1155

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1145

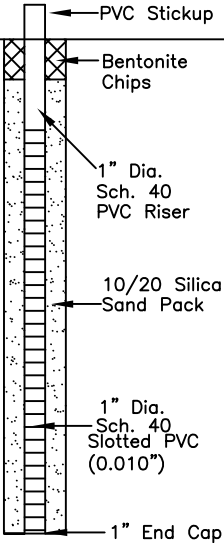


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-63

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-5') sandy CLAY - brown to light brown, moist to wet, soft to stiff, low to high plasticity, poorly graded with 30% fine grained sand, N/O, N/S	CL	DP	1	50	0.9	N/A			wet @ 4'
						0.7				
5	(5-12') clayey SAND - light brown, wet, dense, fine grained, poorly graded with 20-30% clay, @6-7.5' - black staining, strong HC odor @7.5' - N/O, N/S	SC	DP	2	60	301.3	N/A	5		
						9.3				
10			DP	3	100	7.9	N/A	10		
15	BoB @ 12'							15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1215/1224

SAMPLE COLLECTION DEPTH (FEET)/TIME: 0-2.5/1216

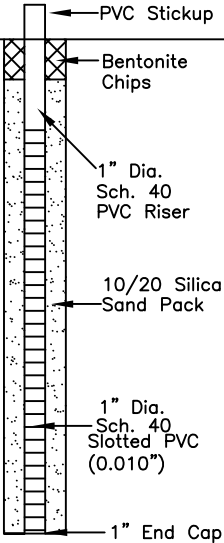


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-64

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-10') sandy CLAY - brown to light brown, moist to wet, soft to medium stiff, low to medium plasticity, poorly graded with 20% fine grained sand					10.7	N/A			wet @ 5.5'
			DP	1	40	15.0				
5	@5-10' - black staining, strong HC odor	CL				467.6	N/A	5		
			DP	2	60	472.8				
10	(10-12') clayey SAND - light brown, wet, medium dense, fine grained, poorly graded with 30% clay, N/O, N/S	SC	DP	3	100	13.8	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1229/1231

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1231

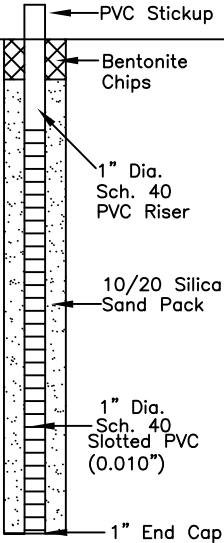


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-65

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-12') sandy CLAY - brown to light brown, moist to wet, soft to medium stiff, low to medium plasticity, poorly graded with 20-30% fine grained sand					12.2	N/A			wet @ 5.5'
			DP	1	50	20.6				
5	@5-10' - gray staining, slight HC odor	CL				453.1	N/A	5		
			DP	2	70	190.9				
10	@10' - N/O, N/S		DP	3	100	25.1	N/A	10		
	BoB @ 12'									
15								15		
20								20		
25								25		
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1240/1250

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1242

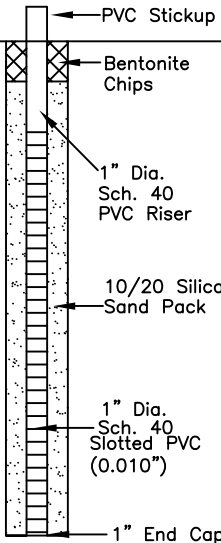


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: MW-66

PAGE 1 OF 1

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	(0-12') sandy CLAY - brown to light brown, moist to wet, soft to medium stiff, low to medium plasticity, poorly graded with 30% fine grained sand	CL	DP	1	70	29.3	N/A	5		wet @ 5'
						29.3				
5	@6-8' - gray staining, slight HC odor		DP	2	90	397.7	N/A			
						92.2				
10	@8' - N/O, N/S		DP	3	100	20.3	N/A			
	BoB @ 12'									
15								15		
20								20		
25								25		
30										HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 03/26/2020

SAND PACK INTERVAL (FEET): 1.5-12

PROJECT: EDWARD HEMPLE UNIT #1

BENTONITE/GROUT INTERVAL (FEET): 0-1.5

LOGGED BY: G. CONGDON

WELL SCREEN INTERVAL (FEET): 2-12

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 12

WELL DEPTH (FEET): 12

PID INSTRUMENT: MiniRAE 3000 - PID #13

TIME STARTED/COMPLETED: 1252/1302

SAMPLE COLLECTION DEPTH (FEET)/TIME: 2.5-5/1254



EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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



ATTACHMENT B

Laboratory Analytical Reports



January 30, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Edward Hemple Unit 1

Project Number - [none]

Attached are your analytical results for Noble - Edward Hemple Unit 1 received by Origins Laboratory, Inc. January 24, 2020. This project is associated with Origins project number Y001349-01.

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-43@5-7'	Y001349-01	Soil	January 24, 2020 11:00	01/24/2020 15:05
MW-44@5-7'	Y001349-02	Soil	January 24, 2020 11:10	01/24/2020 15:05
MW-45@5-6'	Y001349-03	Soil	January 24, 2020 11:30	01/24/2020 15:05
MW-46@5-7'	Y001349-04	Soil	January 24, 2020 12:10	01/24/2020 15:05
MW-47@5-6'	Y001349-05	Soil	January 24, 2020 12:55	01/24/2020 15:05

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y001349

Client: Eagle

Client Project ID: Edward Hemple #1

Checklist Completed by: JG

Shipped Via: HD

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

Date/time completed: 1/24/2020

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 4.6 °C / °C / °C (Describe)

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒			
Is there ice present (document if blue ice is used)	☒			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		☒		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		☒		
Were all samples received intact ⁽¹⁾ ?	☒			
Was adequate sample volume provided ⁽¹⁾ ?	☒			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		☒		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒			
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			☒	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			☒	
Additional Comments (if any):				

⁽¹⁾ 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) MP

Date/Time Reviewed 1/27/20

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-43@5-7'

1/24/2020 11:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y001349-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0A2702	KDK	01/27/2020	01/29/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	80.0 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0A2701	KDK	01/27/2020	01/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	85.9 %	70-130			"	"	"		
Surrogate: Toluene-d8	89.0 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-44@5-7'

1/24/2020 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y001349-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0A2702	KDK	01/27/2020	01/29/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	80.4 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0A2701	KDK	01/27/2020	01/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"		
Surrogate: Toluene-d8	87.6 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-45@5-6'

1/24/2020 11:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y001349-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	311	50.0	mg/kg	1	B0A2702	KDK	01/27/2020	01/29/2020
------------------	-----	------	-------	---	---------	-----	------------	------------

Surrogate: o-Terphenyl	80.5 %	50-150			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	194	5.00	mg/kg	25	B0A2701	KDK	01/27/2020	01/28/2020
Benzene	0.090	0.050	"	"	"	KDK	"	"
Toluene	2.18	0.050	"	"	"	KDK	"	"
Ethylbenzene	0.166	0.050	"	"	"	KDK	"	"
Xylenes, total	10.3	0.050	"	"	"	KDK	"	"
Naphthalene	ND	0.200	"	"	"	KDK	"	" U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	86.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-46@5-7'

1/24/2020 12:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y001349-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0A2702	KDK	01/27/2020	01/29/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	79.0 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	74.3	5.00	mg/kg	25	B0A2701	KDK	01/27/2020	01/28/2020	
Benzene	0.144	0.050	"	"	"	KDK	"	"	
Toluene	0.218	0.050	"	"	"	KDK	"	"	
Ethylbenzene	0.134	0.050	"	"	"	KDK	"	"	
Xylenes, total	1.96	0.050	"	"	"	KDK	"	"	
Naphthalene	ND	0.200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	82.1 %	70-130			"	"	"		
Surrogate: Toluene-d8	92.7 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	105 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-47@5-6'
1/24/2020 12:55:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y001349-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	95.9	50.0	mg/kg	1	B0A2702	KDK	01/27/2020	01/29/2020
------------------	------	------	-------	---	---------	-----	------------	------------

Surrogate: o-Terphenyl	76.4 %	50-150			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	521	50.0	mg/kg	250	B0A2708	KDK	01/27/2020	01/27/2020
Benzene	0.336	0.050	"	25	"	KDK	"	01/28/2020
Toluene	8.74	0.050	"	"	"	KDK	"	"
Ethylbenzene	1.51	0.050	"	"	"	KDK	"	"
Xylenes, total	22.3	0.050	"	"	"	KDK	"	"
Naphthalene	0.554	0.200	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"
Surrogate: Toluene-d8	109 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.6 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2701 - EPA 5030 (soil)										
Blank (B0A2701-BLK1)					Prepared: 01/27/2020 Analyzed: 01/27/2020					
Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Naphthalene	ND	0.008	"							U
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		125	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0A2701 - EPA 5030 (soil)

LCS (B0A2701-BS1)

Prepared: 01/27/2020 Analyzed: 01/27/2020

Benzene	0.045	0.002	mg/kg	0.0500		90.6	70-130			
Toluene	0.046	0.002	"	0.0500		91.2	70-130			
Ethylbenzene	0.047	0.002	"	0.0500		94.9	70-130			
m,p-Xylene	0.098	0.004	"	0.100		98.5	70-130			
o-Xylene	0.050	0.002	"	0.0500		99.9	70-130			
Naphthalene	0.050	0.008	"	0.0500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		128	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	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.

Jen Pellegrini For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2701 - EPA 5030 (soil)										
Matrix Spike (B0A2701-MS1)		Source: Y001319-01			Prepared: 01/27/2020 Analyzed: 01/27/2020					
Benzene	0.038	0.002	mg/kg	0.0500	ND	76.4	70-130			
Toluene	0.046	0.002	"	0.0500	ND	91.8	70-130			
Ethylbenzene	0.038	0.002	"	0.0500	ND	77.0	70-130			
m,p-Xylene	0.080	0.004	"	0.100	ND	80.0	70-130			
o-Xylene	0.041	0.002	"	0.0500	ND	82.0	70-130			
Naphthalene	0.025	0.008	"	0.0500	ND	50.9	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.15		"	0.125		121	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2701 - EPA 5030 (soil)										
Matrix Spike Dup (B0A2701-MSD1)										
					Source: Y001319-01					
										Prepared: 01/27/2020 Analyzed: 01/27/2020
Benzene	0.044	0.002	mg/kg	0.0500	ND	87.7	70-130	13.8	20	
Toluene	0.046	0.002	"	0.0500	ND	93.0	70-130	1.21	20	
Ethylbenzene	0.058	0.002	"	0.0500	ND	117	70-130	40.8	20	QR-03
m,p-Xylene	0.114	0.004	"	0.100	ND	114	70-130	35.3	20	QR-03
o-Xylene	0.059	0.002	"	0.0500	ND	119	70-130	36.8	20	QR-03
Naphthalene	0.025	0.008	"	0.0500	ND	50.8	70-130	0.157	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.17		"	0.125		134	70-130			S-04

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2702 - EPA 3580

Blank (B0A2702-BLK1)

Prepared: 01/27/2020 Analyzed: 01/27/2020

Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	18		"	25.0		71.5	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0A2702 - EPA 3580

LCS (B0A2702-BS1)

Prepared: 01/27/2020 Analyzed: 01/27/2020

Diesel (C10-C28)	1100	50.0	mg/kg	1000		110	70-130			
Surrogate: o-Terphenyl	44		"	50.0		87.5	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0A2702 - EPA 3580

Matrix Spike (B0A2702-MS1)		Source: Y001340-25			Prepared: 01/27/2020 Analyzed: 01/27/2020					
Diesel (C10-C28)	1110	50.0	mg/kg	1000	ND	111	70-130			
Surrogate: o-Terphenyl	40		"	50.0		79.8	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0A2702 - EPA 3580

Matrix Spike Dup (B0A2702-MSD1)		Source: Y001340-25			Prepared: 01/27/2020 Analyzed: 01/27/2020					
Diesel (C10-C28)	980	50.0	mg/kg	1000	ND	98.0	70-130	12.4	35	
Surrogate: o-Terphenyl	40		"	50.0		79.1	50-150			

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 For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2708 - EPA 5030 (soil)										
Blank (B0A2708-BLK1)					Prepared: 01/27/2020 Analyzed: 01/27/2020					
Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Naphthalene	ND	0.008	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.1	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2708 - EPA 5030 (soil)										
LCS (B0A2708-BS1)					Prepared: 01/27/2020 Analyzed: 01/27/2020					
Benzene	0.098	0.002	mg/kg	0.100		97.9	70-130			
Toluene	0.100	0.002	"	0.100		100	70-130			
Ethylbenzene	0.101	0.002	"	0.100		101	70-130			
m,p-Xylene	0.205	0.004	"	0.200		103	70-130			
o-Xylene	0.100	0.002	"	0.100		99.8	70-130			
Naphthalene	0.099	0.008	"	0.100		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.8	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2708 - EPA 5030 (soil)										
Matrix Spike (B0A2708-MS1)		Source: Y001364-03			Prepared: 01/27/2020 Analyzed: 01/27/2020					
Benzene	0.127	0.002	mg/kg	0.100	ND	127	70-130			
Toluene	0.130	0.002	"	0.100	ND	130	70-130			
Ethylbenzene	0.130	0.002	"	0.100	ND	130	70-130			
m,p-Xylene	0.263	0.004	"	0.200	ND	131	70-130			QM-07
o-Xylene	0.126	0.002	"	0.100	ND	126	70-130			
Naphthalene	0.116	0.008	"	0.100	0.041	74.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.3	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0A2708 - EPA 5030 (soil)										
Matrix Spike Dup (B0A2708-MSD1)			Source: Y001364-03		Prepared: 01/27/2020 Analyzed: 01/27/2020					
Benzene	0.113	0.002	mg/kg	0.100	ND	113	70-130	11.8	20	
Toluene	0.116	0.002	"	0.100	ND	116	70-130	11.7	20	
Ethylbenzene	0.116	0.002	"	0.100	ND	116	70-130	11.1	20	
m,p-Xylene	0.233	0.004	"	0.200	ND	117	70-130	11.8	20	
o-Xylene	0.112	0.002	"	0.100	ND	112	70-130	12.3	20	
Naphthalene	0.102	0.008	"	0.100	0.041	60.7	70-130	12.8	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.6	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Notes and Definitions

U Sample is Non-Detect.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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 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.



February 25, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Edward Hemple Unit 1

Project Number - [none]

Attached are your analytical results for Noble - Edward Hemple Unit 1 received by Origins Laboratory, Inc. February 18, 2020. This project is associated with Origins project number Y002233-01.

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y002233-01	Water	February 18, 2020 10:12	02/18/2020 15:48
MW-02	Y002233-02	Water	February 18, 2020 14:04	02/18/2020 15:48
MW-03	Y002233-03	Water	February 18, 2020 14:14	02/18/2020 15:48
MW-04	Y002233-04	Water	February 18, 2020 14:23	02/18/2020 15:48
MW-05	Y002233-05	Water	February 18, 2020 13:07	02/18/2020 15:48
MW-06	Y002233-06	Water	February 18, 2020 14:31	02/18/2020 15:48
MW-07	Y002233-07	Water	February 18, 2020 14:23	02/18/2020 15:48
MW-08	Y002233-08	Water	February 18, 2020 14:15	02/18/2020 15:48
MW-09	Y002233-09	Water	February 18, 2020 14:09	02/18/2020 15:48
MW-10	Y002233-10	Water	February 18, 2020 12:20	02/18/2020 15:48
MW-11	Y002233-11	Water	February 18, 2020 12:31	02/18/2020 15:48
MW-12	Y002233-12	Water	February 18, 2020 12:46	02/18/2020 15:48
MW-13	Y002233-13	Water	February 18, 2020 12:54	02/18/2020 15:48
MW-14	Y002233-14	Water	February 18, 2020 13:07	02/18/2020 15:48

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-15	Y002233-15	Water	February 18, 2020 13:15	02/18/2020 15:48
MW-16	Y002233-16	Water	February 18, 2020 12:05	02/18/2020 15:48
MW-17	Y002233-17	Water	February 18, 2020 11:10	02/18/2020 15:48
MW-18	Y002233-18	Water	February 18, 2020 11:54	02/18/2020 15:48
MW-19	Y002233-19	Water	February 18, 2020 11:00	02/18/2020 15:48
MW-20	Y002233-20	Water	February 18, 2020 10:52	02/18/2020 15:48
MW-21	Y002233-21	Water	February 18, 2020 11:45	02/18/2020 15:48
MW-22	Y002233-22	Water	February 18, 2020 11:35	02/18/2020 15:48
MW-23	Y002233-23	Water	February 18, 2020 14:02	02/18/2020 15:48
MW-24	Y002233-24	Water	February 18, 2020 13:34	02/18/2020 15:48
MW-25	Y002233-25	Water	February 18, 2020 13:45	02/18/2020 15:48
MW-26	Y002233-26	Water	February 18, 2020 13:22	02/18/2020 15:48
MW-27	Y002233-27	Water	February 18, 2020 12:15	02/18/2020 15:48
MW-28	Y002233-28	Water	February 18, 2020 11:26	02/18/2020 15:48

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-29	Y002233-29	Water	February 18, 2020 10:44	02/18/2020 15:48
MW-30	Y002233-30	Water	February 18, 2020 10:36	02/18/2020 15:48
MW-31	Y002233-31	Water	February 18, 2020 10:21	02/18/2020 15:48
MW-32	Y002233-32	Water	February 18, 2020 10:29	02/18/2020 15:48
MW-33	Y002233-33	Water	February 18, 2020 12:33	02/18/2020 15:48
MW-34	Y002233-34	Water	February 18, 2020 12:39	02/18/2020 15:48
MW-35	Y002233-35	Water	February 18, 2020 12:45	02/18/2020 15:48
MW-36	Y002233-36	Water	February 18, 2020 12:53	02/18/2020 15:48
MW-37	Y002233-37	Water	February 18, 2020 13:01	02/18/2020 15:48
MW-38	Y002233-38	Water	February 18, 2020 12:39	02/18/2020 15:48
MW-39	Y002233-39	Water	February 18, 2020 13:28	02/18/2020 15:48
MW-40	Y002233-40	Water	February 18, 2020 13:55	02/18/2020 15:48
MW-41	Y002233-41	Water	February 18, 2020 13:53	02/18/2020 15:48
MW-42	Y002233-42	Water	February 18, 2020 11:17	02/18/2020 15:48

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-43	Y002233-43	Water	February 18, 2020 13:14	02/18/2020 15:48
MW-44	Y002233-44	Water	February 18, 2020 13:21	02/18/2020 15:48
MW-45	Y002233-45	Water	February 18, 2020 13:29	02/18/2020 15:48
MW-46	Y002233-46	Water	February 18, 2020 13:36	02/18/2020 15:48
MW-47	Y002233-47	Water	February 18, 2020 13:44	02/18/2020 15:48

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 For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

Y002233

page 1 of 5

ORIGINS
LABORATORY, INC

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0979
Email Address: mce@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: —
Samples Collected By: CUEC

Fax: 303.265.9645 | Phone: 303.433.1322 | Denver, CO 80211

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #		
MW-01	2/18/20	1012	3		X							1
MW-02		1404	1									2
MW-03		1414	1									3
MW-04		1423	1									4
MW-05		1307	1									5
MW-06		1431	1									6
MW-07		1423	1									7
MW-08		1415	1									8
MW-09		1409	1									9
MW-10		1220	1									10
Relinquished By: <i>[Signature]</i>	Date: 2/18/20	Time: 1348		Received By: <i>[Signature]</i>	Date: 2/18/20	Time: 1548		Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard				
Relinquished By:	Date:	Time:		Received By:	Date:	Time:						

Temp Received - 4.6
Date Results Needed - 4/16
Node

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

page 2 of 5

ORIGINS
LABORATORY, INC

Client: Eagle Env Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0439
Email Address: Mike@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: CL/GEC
Samples Collected By: CL/GEC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis		Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	
MW-11	2/18/20	1231	3		X			X				1
MW-12		1246										2
MW-13		1254										3
MW-14		1307										4
MW-15		1315										5
MW-16		1205										6
MW-17		1110										7
MW-18		1154										8
MW-19		1100										9
MW-20		1052										10
Relinquished By: <u>h h</u>	Date: <u>2/18/20</u>	Time: <u>1548</u>		Received By: <u>[Signature]</u>	Date: <u>2/18/20</u>	Time: <u>1548</u>		Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard				
Relinquished By:	Date:	Time:		Received By:	Date:	Time:						

Date Results Needed

Temp Received- 4.6

1725 Elk Place

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

7002233

ORIGINS
LABORATORY, INC

page 3 of 5

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: —
Samples Collected By: CL/GEL

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: mce3@eagle-env.com

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix				Analysis				Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other					
MW-21	2/18/20	1145	3	X				X				X	BTEX			
MW-22		1135														
MW-23		1402														
MW-24		1334														
MW-25		1345														
MW-26		1322														
MW-27		1215														
MW-28		1126														
MW-29		1044														
MW-30	2/18/20	1036	✓	✓				✓				✓				
Relinquished By: <u>hwl</u>	Date: <u>2/18/20</u>	Time: <u>1548</u>		Received By: <u>[Signature]</u>				Received By: <u>[Signature]</u>				Date: <u>2/18/20</u>	Time: <u>1548</u>	Turnaround Time:		
Relinquished By:	Date:	Time:		Received By:				Received By:				Date:	Time:	Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard		

4.6

Date Results Needed

Temp Received- 4.6

Bill to Jacob

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

ORIGINS
LABORATORY, INC

page 4 of 5

100233

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: Mike.300@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: 100233
Samples Collected By: C. GEC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air/Surface Contaminant #		
MW-31	2/18/20	1021	3	X				X			BTEX	
MW-32		1029	1									
MW-33		1233	1									
MW-34		1239	1									
MW-35		1245	1									
MW-36		1253	1									
MW-37		1301	1									
MW-38		1239	1									
MW-39		1328	1									
MW-40		1355	1									
Relinquished By: [Signature]	Date: 2/18/20	Time: 1548		Received By: [Signature]	Date: 2/18/20	Time: 1548		Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard				

1725 Elk Place

Denver, CO 80211

Phone: 303.433.1322

Fax: 303.265.9645

Date Results Needed

Temp Received: 100233

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

page 5 of 5

ORIGINS
LABORATORY, INC

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: me3@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: —
Samples Collected By: C/CEC

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summng #	Other		
MW-41	2/18/20	1353	3	X				X				X BTEX	1
MW-42		1117	1					X					2
MW-43		1314	1										3
MW-44		1321	1										4
MW-45		1329	1										5
MW-46		1336	1										6
MW-47		1344	1										7
													8
													9
													10

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
h m	2/18/20	1546	h m	2/18/20	1546	Same Day ☐ 24 Hr ☐
						48 Hr ☐ 72 Hr ☐
						Standard ☒

Node

Date Results Needed

Temp Received. 46

Bill to Jacobs

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

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y000233

Client: Eagle

Client Project ID: Edward Hemple Unit

Checklist Completed by: JG

Shipped Via: HD

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

Date/time completed: 2/19/2020

Airbill #: N/A

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

(Describe)

Cooler Number/Temperature: 1/4.6 °C / / °C / / °C / / °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒	☐	☐	
Is there ice present (document if blue ice is used)	☒	☐	☐	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	☒	☒	☐	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	☒	☒	☐	
Were all samples received intact ⁽¹⁾ ?	☒	☐	☐	
Was adequate sample volume provided ⁽¹⁾ ?	☒	☐	☐	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	☒	☒	☐	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒	☐	☐	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒	☐	☐	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒	☐	☐	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒	☐	☐	
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	☐	☒	☐	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	☐	☒	☐	
Additional Comments (if any):				

⁽¹⁾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 2/19/20

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-01

2/18/2020 10:12:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-01 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	KDK	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130	"	"	"
Surrogate: Toluene-d8	97.6 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.3 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-02

2/18/2020 2:04:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-02 (Water)

BTEX by EPA 8260D

Benzene	869	10.0	ug/L	10	B0B1901	KDK	02/19/2020	02/19/2020
Toluene	631	10.0	"	"	"	KDK	"	"
Ethylbenzene	17.8	10.0	"	"	"	KDK	"	"
Xylenes, total	953	10.0	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	98.0 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-03

2/18/2020 2:14:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-03 (Water)

BTEX by EPA 8260D

Benzene	16.4	1.00	ug/L	1	B0B1901	KDK	02/19/2020	02/19/2020	
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"
Surrogate: Toluene-d8	97.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.3 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-04

2/18/2020 2:23:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-04 (Water)

BTEX by EPA 8260D

Benzene	67.6	1.00	ug/L	1	B0B1901	KDK	02/19/2020	02/19/2020	
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"
Surrogate: Toluene-d8	96.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.9 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-05

2/18/2020 1:07:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-05 (Water)

BTEX by EPA 8260D

Benzene	200	4.00	ug/L	4	B0B1901	ZZZ	02/19/2020	02/20/2020	
Toluene	ND	1.00	"	1	"	KDK	"	02/19/2020	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"
Surrogate: Toluene-d8	97.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	97.0 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-06

2/18/2020 2:31:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-06 (Water)

BTEX by EPA 8260D

Benzene	63.0	20.0	ug/L	20	B0B1901	ZZZ	02/19/2020	02/20/2020
Toluene	1380	50.0	"	50	"	KDK	"	02/19/2020
Ethylbenzene	186	50.0	"	"	"	KDK	"	"
Xylenes, total	2470	50.0	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	95.6 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	97.6 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-07

2/18/2020 2:23:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-07 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	KDK	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	43.3	1.00	"	"	"	KDK	"	"	
Xylenes, total	148	1.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"	
Surrogate: Toluene-d8	97.0 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	98.4 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-08

2/18/2020 2:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-08 (Water)

BTEX by EPA 8260D

Benzene	ND	4.00	ug/L	4	B0B1901	ZZZ	02/19/2020	02/21/2020	U
Toluene	ND	4.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	140	50.0	"	50	"	KDK	"	02/19/2020	
Xylenes, total	1170	50.0	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	84.7 %	70-130	"	"	"
Surrogate: Toluene-d8	96.2 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.8 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-09

2/18/2020 2:09:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-09 (Water)

BTEX by EPA 8260D

Benzene	6080	50.0	ug/L	50	B0B1901	KDK	02/19/2020	02/19/2020
Toluene	374	50.0	"	"	"	KDK	"	"
Ethylbenzene	482	50.0	"	"	"	KDK	"	"
Xylenes, total	4580	50.0	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130			"	"	"
Surrogate: Toluene-d8	97.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	98.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-10

2/18/2020 12:20:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-10 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130			"	"	"
Surrogate: Toluene-d8	93.6 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-11

2/18/2020 12:31:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-11 (Water)

BTEX by EPA 8260D

Benzene	2.05	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130			"	"	"
Surrogate: Toluene-d8	95.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-12

2/18/2020 12:46:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-12 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130			"	"	"
Surrogate: Toluene-d8	105 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-13

2/18/2020 12:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-13 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130	"	"	"
Surrogate: Toluene-d8	96.8 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-14

2/18/2020 1:07:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-14 (Water)

BTEX by EPA 8260D

Benzene	36.7	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/21/2020	
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	6.55	1.00	"	"	"	ZZZ	"	"	
Xylenes, total	17.1	1.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130			"	"	02/20/2020
Surrogate: Toluene-d8	99.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-15

2/18/2020 1:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-15 (Water)

BTEX by EPA 8260D

Benzene	1.47	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-16

2/18/2020 12:05:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-16 (Water)

BTEX by EPA 8260D

Benzene	ND	4.00	ug/L	4	B0B1901	ZZZ	02/19/2020	02/20/2020	U
Toluene	ND	4.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	43.0	4.00	"	"	"	ZZZ	"	"	
Xylenes, total	782	4.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130			"	"	"
Surrogate: Toluene-d8	100 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	98.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-17

2/18/2020 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-17 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130			"	"	"
Surrogate: Toluene-d8	93.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-18

2/18/2020 11:54:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-18 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1901	ZZZ	02/19/2020	02/20/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130			"	"	"
Surrogate: Toluene-d8	94.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-19

2/18/2020 11:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-19 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B2002	ZZZ	02/20/2020	02/21/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	95.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-20

2/18/2020 10:52:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-20 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B2002	ZZZ	02/20/2020	02/21/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	94.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-21

2/18/2020 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-21 (Water)

BTEX by EPA 8260D

Benzene	4.36	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	90.5 %	70-130			"	"	"
Surrogate: Toluene-d8	96.6 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-22

2/18/2020 11:35:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-22 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	4.05	1.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130			"	"	"
Surrogate: Toluene-d8	95.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-23

2/18/2020 2:02:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-23 (Water)

BTEX by EPA 8260D

Benzene	14.9	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	5.81	1.00	"	"	"	ZZZ	"	"	
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130			"	"	"
Surrogate: Toluene-d8	97.4 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-24

2/18/2020 1:34:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-24 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130			"	"	"
Surrogate: Toluene-d8	93.2 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-25

2/18/2020 1:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-25 (Water)

BTEX by EPA 8260D

Benzene	1880	50.0	ug/L	50	B0B1902	ZZZ	02/19/2020	02/19/2020
Toluene	1270	50.0	"	"	"	ZZZ	"	"
Ethylbenzene	100	50.0	"	"	"	ZZZ	"	"
Xylenes, total	1270	50.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130	"	"	"
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-26

2/18/2020 1:22:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-26 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130	"	"	"
Surrogate: Toluene-d8	92.9 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-27

2/18/2020 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-27 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130	"	"	"
Surrogate: Toluene-d8	94.9 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-28

2/18/2020 11:26:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-28 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130			"	"	"
Surrogate: Toluene-d8	99.1 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-29

2/18/2020 10:44:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-29 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130			"	"	"
Surrogate: Toluene-d8	96.7 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-30

2/18/2020 10:36:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-30 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130	"	"	"
Surrogate: Toluene-d8	96.0 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-31

2/18/2020 10:21:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-31 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"
Surrogate: Toluene-d8	94.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-32

2/18/2020 10:29:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-32 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130	"	"	"
Surrogate: Toluene-d8	95.6 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-33

2/18/2020 12:33:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-33 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130			"	"	"
Surrogate: Toluene-d8	95.6 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-34

2/18/2020 12:39:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-34 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130	"	"	"
Surrogate: Toluene-d8	95.2 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-35

2/18/2020 12:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-35 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130	"	"	"
Surrogate: Toluene-d8	96.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-36

2/18/2020 12:53:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-36 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"
Surrogate: Toluene-d8	95.2 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-37

2/18/2020 1:01:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-37 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"
Surrogate: Toluene-d8	95.6 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-38

2/18/2020 12:39:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-38 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	1.23	1.00	"	"	"	ZZZ	"	"	
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130			"	"	"
Surrogate: Toluene-d8	95.1 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-39

2/18/2020 1:28:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-39 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-40

2/18/2020 1:55:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-40 (Water)

BTEX by EPA 8260D

Benzene	125	1.00	ug/L	1	B0B1902	ZZZ	02/19/2020	02/19/2020
Toluene	119	1.00	"	"	"	ZZZ	"	"
Ethylbenzene	40.8	1.00	"	"	"	ZZZ	"	"
Xylenes, total	929	4.00	"	4	"	ZZZ	"	02/20/2020

Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130			"	"	02/19/2020
Surrogate: Toluene-d8	109 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

MW-41

2/18/2020 1:53:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.

Y002233-41 (Water)

BTEX by EPA 8260D

Benzene	2700	50.0	ug/L	50	B0B1903	ZZZ	02/19/2020	02/20/2020
Toluene	1210	50.0	"	"	"	ZZZ	"	"
Ethylbenzene	234	10.0	"	10	"	ZZZ	"	02/19/2020
Xylenes, total	2550	10.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	90.4 %	70-130			"	"	"
Surrogate: Toluene-d8	103 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-42

2/18/2020 11:17:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-42 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1903	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130	"	"	"
Surrogate: Toluene-d8	96.4 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-43

2/18/2020 1:14:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-43 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1903	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130	"	"	"
Surrogate: Toluene-d8	95.6 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-44

2/18/2020 1:21:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-44 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0B1903	ZZZ	02/19/2020	02/19/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130	"	"	"
Surrogate: Toluene-d8	95.0 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-45

2/18/2020 1:29:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-45 (Water)

BTEX by EPA 8260D

Benzene	354	10.0	ug/L	10	B0B1903	ZZZ	02/19/2020	02/21/2020
Toluene	1740	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	185	10.0	"	"	"	ZZZ	"	"
Xylenes, total	2970	10.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	86.9 %	70-130			"	"	02/19/2020
Surrogate: Toluene-d8	125 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	86.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-46

2/18/2020 1:36:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-46 (Water)

BTEX by EPA 8260D

Benzene	2070	20.0	ug/L	20	B0B1903	ZZZ	02/19/2020	02/21/2020
Toluene	2290	20.0	"	"	"	ZZZ	"	"
Ethylbenzene	313	20.0	"	"	"	ZZZ	"	"
Xylenes, total	4390	20.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	85.2 %	70-130			"	"	02/19/2020
Surrogate: Toluene-d8	124 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-47

2/18/2020 1:44:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y002233-47 (Water)

BTEX by EPA 8260D

Benzene	3610	50.0	ug/L	50	B0B1903	ZZZ	02/19/2020	02/21/2020
Toluene	18800	200	"	200	"	ZZZ	"	02/21/2020
Ethylbenzene	492	50.0	"	50	"	ZZZ	"	02/21/2020
Xylenes, total	9040	50.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130			"	"	"
Surrogate: Toluene-d8	109 %	70-130			"	"	02/19/2020
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B1901 - EPA 5030B (Water)

Blank (B0B1901-BLK1)

Prepared: 02/19/2020 Analyzed: 02/19/2020

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	68		"	62.5	109		70-130			
Surrogate: Toluene-d8	61		"	62.5	97.3		70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5	97.6		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.

Jen Pellegrini For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1901 - EPA 5030B (Water)

LCS (B0B1901-BS1)

Prepared: 02/19/2020 Analyzed: 02/19/2020

Benzene	54.5	1.00	ug/L	50.0		109	70-130			
Toluene	54.4	1.00	"	50.0		109	70-130			
Ethylbenzene	54.3	1.00	"	50.0		109	70-130			
m,p-Xylene	113	2.00	"	100		113	70-130			
o-Xylene	57.7	1.00	"	50.0		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	65		"	62.5		103	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.5	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.0	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B1901 - EPA 5030B (Water)

Matrix Spike (B0B1901-MS1)		Source: Y002233-01			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	57.3	1.00	ug/L	50.0	ND	115	70-130			
Toluene	59.3	1.00	"	50.0	ND	119	70-130			
Ethylbenzene	60.2	1.00	"	50.0	0.120	120	70-130			
m,p-Xylene	123	2.00	"	100	ND	123	70-130			
o-Xylene	60.1	1.00	"	50.0	ND	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.5	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.1	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.

Jen Pellegrini For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1901 - EPA 5030B (Water)

Matrix Spike Dup (B0B1901-MSD1)		Source: Y002233-01			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	56.8	1.00	ug/L	50.0	ND	114	70-130	0.947	20	
Toluene	57.7	1.00	"	50.0	ND	115	70-130	2.70	20	
Ethylbenzene	59.5	1.00	"	50.0	0.120	119	70-130	1.19	20	
m,p-Xylene	122	2.00	"	100	ND	122	70-130	1.54	20	
o-Xylene	59.8	1.00	"	50.0	ND	120	70-130	0.400	20	
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		102	70-130			
Surrogate: Toluene-d8	60		"	62.5		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.8	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1902 - EPA 5030B (Water)										
Blank (B0B1902-BLK1)										
					Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	58		"	62.5	92.5	70-130				
Surrogate: Toluene-d8	59		"	62.5	93.9	70-130				
Surrogate: 4-Bromofluorobenzene	66		"	62.5	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1902 - EPA 5030B (Water)

LCS (B0B1902-BS1)

Prepared: 02/19/2020 Analyzed: 02/19/2020

Benzene	50.3	1.00	ug/L	50.0		101	70-130			
Toluene	50.3	1.00	"	50.0		101	70-130			
Ethylbenzene	49.2	1.00	"	50.0		98.4	70-130			
m,p-Xylene	96.2	2.00	"	100		96.2	70-130			
o-Xylene	51.4	1.00	"	50.0		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	53		"	62.5		85.3	70-130			
Surrogate: Toluene-d8	66		"	62.5		105	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1902 - EPA 5030B (Water)

Matrix Spike (B0B1902-MS1)		Source: Y002233-21			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	85.6	1.00	ug/L	50.0	4.36	162	70-130			QM-07
Toluene	66.5	1.00	"	50.0	ND	133	70-130			QM-07
Ethylbenzene	68.5	1.00	"	50.0	ND	137	70-130			QM-07
m,p-Xylene	133	2.00	"	100	ND	133	70-130			QM-07
o-Xylene	68.6	1.00	"	50.0	ND	137	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	53		"	62.5		84.0	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	66		"	62.5		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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1902 - EPA 5030B (Water)

Matrix Spike Dup (B0B1902-MSD1)		Source: Y002233-21			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	70.1	1.00	ug/L	50.0	4.36	131	70-130	19.9	20	QM-07
Toluene	56.0	1.00	"	50.0	ND	112	70-130	17.1	20	
Ethylbenzene	58.0	1.00	"	50.0	ND	116	70-130	16.6	20	
m,p-Xylene	112	2.00	"	100	ND	112	70-130	17.3	20	
o-Xylene	56.4	1.00	"	50.0	ND	113	70-130	19.4	20	
Surrogate: 1,2-Dichloroethane-d4	53		"	62.5		84.2	70-130			
Surrogate: Toluene-d8	60		"	62.5		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	67		"	62.5		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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B1903 - EPA 5030B (Water)

Blank (B0B1903-BLK1)

Prepared: 02/19/2020 Analyzed: 02/19/2020

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.1	70-130			
Surrogate: Toluene-d8	59		"	62.5		94.7	70-130			
Surrogate: 4-Bromofluorobenzene	65		"	62.5		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.

Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B1903 - EPA 5030B (Water)

LCS (B0B1903-BS1)

Prepared: 02/19/2020 Analyzed: 02/19/2020

Benzene	48.2	1.00	ug/L	50.0		96.3	70-130			
Toluene	45.7	1.00	"	50.0		91.4	70-130			
Ethylbenzene	45.2	1.00	"	50.0		90.4	70-130			
m,p-Xylene	88.4	2.00	"	100		88.4	70-130			
o-Xylene	47.1	1.00	"	50.0		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	55		"	62.5		88.4	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1903 - EPA 5030B (Water)

Matrix Spike (B0B1903-MS1)		Source: Y002233-42			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	48.5	1.00	ug/L	50.0	0.280	96.5	70-130			
Toluene	46.5	1.00	"	50.0	0.140	92.8	70-130			
Ethylbenzene	47.3	1.00	"	50.0	ND	94.7	70-130			
m,p-Xylene	91.8	2.00	"	100	0.380	91.4	70-130			
o-Xylene	48.1	1.00	"	50.0	ND	96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	55		"	62.5		87.8	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	65		"	62.5		105	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B1903 - EPA 5030B (Water)

Matrix Spike Dup (B0B1903-MSD1)		Source: Y002233-42			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	51.1	1.00	ug/L	50.0	0.280	102	70-130	5.18	20	
Toluene	50.8	1.00	"	50.0	0.140	101	70-130	8.77	20	
Ethylbenzene	50.7	1.00	"	50.0	ND	101	70-130	6.95	20	
m,p-Xylene	98.6	2.00	"	100	0.380	98.2	70-130	7.17	20	
o-Xylene	52.0	1.00	"	50.0	ND	104	70-130	7.80	20	
Surrogate: 1,2-Dichloroethane-d4	53		"	62.5		85.5	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	67		"	62.5		108	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B2002 - EPA 5030B (Water)

Blank (B0B2002-BLK1)

Prepared: 02/20/2020 Analyzed: 02/21/2020

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5	100		70-130			
Surrogate: Toluene-d8	63		"	62.5	101		70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5	101		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.

Jen Pellegrini For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2002 - EPA 5030B (Water)

LCS (B0B2002-BS1)

Prepared: 02/20/2020 Analyzed: 02/21/2020

Benzene	46.8	1.00	ug/L	50.0		93.6	70-130			
Toluene	45.3	1.00	"	50.0		90.7	70-130			
Ethylbenzene	47.5	1.00	"	50.0		95.0	70-130			
m,p-Xylene	92.9	2.00	"	100		92.9	70-130			
o-Xylene	46.2	1.00	"	50.0		92.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	66		"	62.5		105	70-130			
Surrogate: Toluene-d8	60		"	62.5		95.4	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	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.

Jen Pellegrini For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2002 - EPA 5030B (Water)

Matrix Spike (B0B2002-MS1)		Source: Y002255-21			Prepared: 02/20/2020 Analyzed: 02/21/2020					
Benzene	43.2	1.00	ug/L	50.0	ND	86.4	70-130			
Toluene	42.5	1.00	"	50.0	ND	85.0	70-130			
Ethylbenzene	44.4	1.00	"	50.0	ND	88.8	70-130			
m,p-Xylene	88.5	2.00	"	100	ND	88.5	70-130			
o-Xylene	45.7	1.00	"	50.0	ND	91.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		108	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.8	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2002 - EPA 5030B (Water)

Matrix Spike Dup (B0B2002-MSD1)		Source: Y002255-21			Prepared: 02/20/2020 Analyzed: 02/21/2020					
Benzene	46.4	1.00	ug/L	50.0	ND	92.8	70-130	7.19	20	
Toluene	47.8	1.00	"	50.0	ND	95.7	70-130	11.8	20	
Ethylbenzene	49.4	1.00	"	50.0	ND	98.8	70-130	10.7	20	
m,p-Xylene	97.2	2.00	"	100	ND	97.2	70-130	9.37	20	
o-Xylene	51.0	1.00	"	50.0	ND	102	70-130	10.9	20	
Surrogate: 1,2-Dichloroethane-d4	58		"	62.5		93.1	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.0	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Notes and Definitions

U Sample is Non-Detect.

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 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 For Noelle Doyle Mathis, President



March 03, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Edward Hemple Unit 1

Project Number - [none]

Attached are your analytical results for Noble - Edward Hemple Unit 1 received by Origins Laboratory, Inc. February 26, 2020. This project is associated with Origins project number Y002388-01.

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-48@2.5-5'	Y002388-01	Soil	February 26, 2020 10:10	02/26/2020 16:40
MW-49@0-2.5'	Y002388-02	Soil	February 26, 2020 10:30	02/26/2020 16:40
MW-50@2.5-5'	Y002388-03	Soil	February 26, 2020 10:50	02/26/2020 16:40
MW-51@2.5-5'	Y002388-04	Soil	February 26, 2020 11:10	02/26/2020 16:40
MW-52@2.5-5'	Y002388-05	Soil	February 26, 2020 11:40	02/26/2020 16:40
MW-53@2.5-5'	Y002388-06	Soil	February 26, 2020 12:00	02/26/2020 16:40
MW-54@2.5-5'	Y002388-07	Soil	February 26, 2020 12:15	02/26/2020 16:40
MW-55@0-2.5'	Y002388-08	Soil	February 26, 2020 12:30	02/26/2020 16:40
MW-56@2.5-5'	Y002388-09	Soil	February 26, 2020 12:56	02/26/2020 16:40
MW-57@2.5-5'	Y002388-10	Soil	February 26, 2020 13:10	02/26/2020 16:40
MW-58@0-2.5'	Y002388-11	Soil	February 26, 2020 13:29	02/26/2020 16:40
MW-59@2.5-5'	Y002388-12	Soil	February 26, 2020 13:40	02/26/2020 16:40

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

page 1 of 2

ORIGINS

LABORATORY, INC

4005378

Client: Eagle Env.
Address: 8000 W 44th Ave
Telephone Number: (303) 433-0479
Email Address: Mac3@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: CL
Samples Collected By: CL

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #			Other
MW-48@ 2.5-5'	2/26/10	1010	2	☒					☒			BTEX GRO DRO Naphthalene	1
MW-49@ 0-2.5'	2/26/10	1030	1										2
MW-50@ 2.5-5'		1050	1										3
MW-51@ 2.5-5'		1110	1										4
MW-52@ 2.5-5'		1140	1										5
MW-53@ 2.5-5'		1200	1										6
MW-54@ 2.5-5'		1215	1										7
MW-55@ 0-2.5'		1230	1										8
MW-56@ 2.5-5'		1256	1										9
MW-57@ 2.5-5'		1310	1										10

Relinquished By: [Signature] Date: 2/26/20 Time: 1640

Relinquished By: [Signature] Date: 2/26/20 Time: 1640

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard

Date Results Needed: 12/1

Temp Received: 12/1

Bill to Jacob

Noble

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4002388

Client: Eagle Env

Client Project ID: Edward Hemple Unit 1

Checklist Completed by: JP

Shipped Via: HD

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

Date/time completed: 2/26/20

Airbill #: NA

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

(Describe)

Cooler Number/Temperature: 1 / 1, 2 °C 1 / _____ °C 1 / _____ °C 1 / _____ °C

Thermometer ID: TC03

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒			
Is there ice present (document if blue ice is used)	☒			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		☒		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		☒		
Were all samples received intact ⁽¹⁾ ?	☒			
Was adequate sample volume provided ⁽¹⁾ ?	☒			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		☒		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒	☒		
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			☒	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			☒	
Additional Comments (if any):				

⁽¹⁾ 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 2-27-20

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-48@2.5-5'

2/26/2020 10:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	83.4 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"		
Surrogate: Toluene-d8	99.7 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-49@0-2.5'

2/26/2020 10:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	86.7 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	111 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.7 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	99.8 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-50@2.5-5'

2/26/2020 10:50:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	87.5 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.4 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	99.9 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-51@2.5-5'

2/26/2020 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	87.7 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"		
Surrogate: Toluene-d8	97.8 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	99.0 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-52@2.5-5'

2/26/2020 11:40:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	83.8 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	0.014	0.002	"	"	"	KDK	"	"	
Toluene	0.002	0.002	"	"	"	KDK	"	"	
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	0.003	0.002	"	"	"	KDK	"	"	
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.0 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-53@2.5-5'

2/26/2020 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-06 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	84.6 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.7 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	99.4 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-54@2.5-5'

2/26/2020 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-07 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	91.3 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.5 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	101 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-55@0-2.5'

2/26/2020 12:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-08 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	83.8 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/29/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	121 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.3 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-56@2.5-5'

2/26/2020 12:56:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-09 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	79.5 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/29/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130			"	"	"		
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-57@2.5-5'
2/26/2020 1:10:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-10 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	73.0 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/29/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	122 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.1 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	101 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-58@0-2.5'
2/26/2020 1:29:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-11 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	72.4 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/29/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	125 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.2 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	101 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-59@2.5-5'
2/26/2020 1:40:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y002388-12 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B2705	KDK	02/27/2020	02/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	81.2 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0B2704	KDK	02/27/2020	02/29/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	125 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.0 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	102 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2704 - EPA 5030 (soil)										
Blank (B0B2704-BLK1)					Prepared: 02/27/2020 Analyzed: 02/28/2020					
Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Naphthalene	ND	0.008	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		100	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2704 - EPA 5030 (soil)										
LCS (B0B2704-BS1)					Prepared: 02/27/2020 Analyzed: 02/28/2020					
Benzene	0.101	0.002	mg/kg	0.100		101	70-130			
Toluene	0.101	0.002	"	0.100		101	70-130			
Ethylbenzene	0.094	0.002	"	0.100		93.9	70-130			
m,p-Xylene	0.196	0.004	"	0.200		98.1	70-130			
o-Xylene	0.093	0.002	"	0.100		92.7	70-130			
Naphthalene	0.087	0.008	"	0.100		87.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2704 - EPA 5030 (soil)

Matrix Spike (B0B2704-MS1)		Source: Y002388-01			Prepared: 02/27/2020 Analyzed: 02/28/2020					
Benzene	0.107	0.002	mg/kg	0.100	ND	107	70-130			
Toluene	0.103	0.002	"	0.100	ND	103	70-130			
Ethylbenzene	0.099	0.002	"	0.100	ND	98.9	70-130			
m,p-Xylene	0.206	0.004	"	0.200	ND	103	70-130			
o-Xylene	0.099	0.002	"	0.100	ND	99.2	70-130			
Naphthalene	0.084	0.008	"	0.100	0.002	82.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0B2704 - EPA 5030 (soil)										
Matrix Spike Dup (B0B2704-MSD1)		Source: Y002388-01			Prepared: 02/27/2020 Analyzed: 02/28/2020					
Benzene	0.118	0.002	mg/kg	0.100	ND	118	70-130	9.37	20	
Toluene	0.112	0.002	"	0.100	ND	112	70-130	7.61	20	
Ethylbenzene	0.111	0.002	"	0.100	ND	111	70-130	11.5	20	
m,p-Xylene	0.232	0.004	"	0.200	ND	116	70-130	12.0	20	
o-Xylene	0.113	0.002	"	0.100	ND	113	70-130	12.9	20	
Naphthalene	0.098	0.008	"	0.100	0.002	96.7	70-130	15.1	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B2705 - EPA 3580

Blank (B0B2705-BLK1)

Prepared: 02/27/2020 Analyzed: 02/28/2020

Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	20		"	25.0		81.0	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B2705 - EPA 3580

LCS (B0B2705-BS1)

Prepared: 02/27/2020 Analyzed: 02/28/2020

Diesel (C10-C28)	1020	50.0	mg/kg	1000		102	70-130			
Surrogate: o-Terphenyl	59		"	50.0		119	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B2705 - EPA 3580

Matrix Spike (B0B2705-MS1)		Source: Y002388-01			Prepared: 02/27/2020 Analyzed: 02/28/2020					
Diesel (C10-C28)	871	50.0	mg/kg	1000	14.6	85.6	70-130			
Surrogate: o-Terphenyl	52		"	50.0		105	50-150			

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0B2705 - EPA 3580

Matrix Spike Dup (B0B2705-MSD1)		Source: Y002388-01			Prepared: 02/27/2020 Analyzed: 02/28/2020					
Diesel (C10-C28)	993	50.0	mg/kg	1000	14.6	97.8	70-130	13.1	35	
Surrogate: o-Terphenyl	60		"	50.0		121	50-150			

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 For Noelle Doyle Mathis, President



March 10, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Edward Hemple Unit 1

Project Number - [none]

Attached are your analytical results for Noble - Edward Hemple Unit 1 received by Origins Laboratory, Inc. March 03, 2020. This project is associated with Origins project number Y003045-01.

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-48	Y003045-01	Water	March 3, 2020 11:55	03/03/2020 16:45
MW-49	Y003045-02	Water	March 3, 2020 12:04	03/03/2020 16:45
MW-50	Y003045-03	Water	March 3, 2020 12:12	03/03/2020 16:45
MW-51	Y003045-04	Water	March 3, 2020 12:21	03/03/2020 16:45
MW-52	Y003045-05	Water	March 3, 2020 12:29	03/03/2020 16:45
MW-53	Y003045-06	Water	March 3, 2020 12:39	03/03/2020 16:45
MW-54	Y003045-07	Water	March 3, 2020 12:49	03/03/2020 16:45
MW-55	Y003045-08	Water	March 3, 2020 13:00	03/03/2020 16:45
MW-56	Y003045-09	Water	March 3, 2020 13:09	03/03/2020 16:45
MW-57	Y003045-10	Water	March 3, 2020 13:20	03/03/2020 16:45
MW-58	Y003045-11	Water	March 3, 2020 13:27	03/03/2020 16:45
MW-59	Y003045-12	Water	March 3, 2020 13:39	03/03/2020 16:45

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

page 1 of 2

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W. 44th Ave
Wheat Ridge, CO
Telephone Number: (303) 433-0479
Email Address: mce3@eagle-environment.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit #1
Project Number: [none]
Samples Collected By: MW

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
MW-49	3/3/20	1155	3		X				X				
MW-49		1204											
MW-50		1212											
MW-51		1221											
MW-52		1229											
MW-53		1239											
MW-54		1249											
MW-55		1300											
MW-56		1309											
MW-57		1320											
Relinquished By:	Date: 3/3/20	Time: 1645	Received By:	Date: 3/3/20	Time: 1645	Turnaround Time:							
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Same Day	24 Hr						
						48 Hr	72 Hr						
						Standard							

Date Results Needed: 3/3/20

Temp Received: 3.8

X Bill to MWB

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

www.originslaboratory.com

page 2 of 2

Y003045

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W. 44th Ave
Wheat Ridge, CO 80033
Telephone Number: (303) 433-1479
Email Address: mce@eagle-environ.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit #1
Project Number: —
Samples Collected By: MM

Fax: 303.265.9645

Phone: 303.433.1322

Denver, CO 80211

1725 Elk Place

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
MW-58	3/3/20	1327	3		X			X					1
MW-59	3/3/20	1339	3		X			X					2
													3
													4
													5
													6
													7
													8
													9
													10

Relinquished By: [Signature] Date: 3/3/20 Time: 1045
Received By: [Signature] Date: 3/3/20 Time: 1645

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☒ Standard

Date Results Needed: 3/3

Temp Received: 3.3

X All Samples

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4003045

Client: Eagle Env
Client Project ID: Edward Hemple

Checklist Completed by: JP

Shipped Via: UPS
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: NA

Date/time completed: 3/3/20

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

Cooler Number/Temperature: 1 13.8 °C 1 °C 1 °C 1 °C

Thermometer ID: TC03

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒	☐	☐	
Is there ice present (document if blue ice is used)	☒	☐	☐	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	☐	☒	☐	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	☐	☒	☐	
Were all samples received intact ⁽¹⁾ ?	☒	☐	☐	
Was adequate sample volume provided ⁽¹⁾ ?	☒	☐	☐	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	☐	☒	☐	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒	☐	☐	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒	☐	☐	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒	☐	☐	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒	☐	☐	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	☐	☒	☐	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	☒	☐	☐	<u>HCL</u>
Additional Comments (if any):				

⁽¹⁾ 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 3/4/20

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-48

3/3/2020 11:55:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-01 (Water)

BTEX by EPA 8260D

Benzene	48.9	1.00	ug/L	1	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	316	10.0	"	10	"	ZZZ	"	03/06/2020
Ethylbenzene	89.8	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	1360	10.0	"	10	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	84.8 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	109 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	84.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-49

3/3/2020 12:04:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-02 (Water)

BTEX by EPA 8260D

Benzene	1310	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	7140	500	"	500	"	ZZZ	"	03/09/2020
Ethylbenzene	159	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	2600	10.0	"	10	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	74.9 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	123 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	82.3 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-50

3/3/2020 12:12:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-03 (Water)

BTEX by EPA 8260D

Benzene	14.3	1.00	ug/L	1	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	3.52	1.00	"	"	"	ZZZ	"	"
Ethylbenzene	18.3	1.00	"	"	"	ZZZ	"	03/06/2020
Xylenes, total	318	1.00	"	"	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	84.9 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	108 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	84.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-51

3/3/2020 12:21:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-04 (Water)

BTEX by EPA 8260D

Benzene	391	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	740	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	99.5	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	565	10.0	"	10	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	73.4 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	121 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	83.0 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-52

3/3/2020 12:29:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-05 (Water)

BTEX by EPA 8260D

Benzene	281	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	545	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	69.2	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	407	10.0	"	10	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	78.4 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	117 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	82.6 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-53

3/3/2020 12:39:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-06 (Water)

BTEX by EPA 8260D

Benzene	1450	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	839	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	75.9	10.0	"	"	"	ZZZ	"	"
Xylenes, total	1490	10.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	87.0 %	70-130	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	89.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-54

3/3/2020 12:49:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-07 (Water)

BTEX by EPA 8260D

Benzene	413	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	268	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	12.6	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	540	10.0	"	10	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	83.3 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	112 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	85.0 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-55

3/3/2020 1:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-08 (Water)

BTEX by EPA 8260D

Benzene	911	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	869	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	112	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	414	1.00	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	77.3 %	70-130	"	"	"	"	"
Surrogate: Toluene-d8	110 %	70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	84.9 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-56

3/3/2020 1:09:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-09 (Water)

BTEX by EPA 8260D

Benzene	206	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	1.89	1.00	"	1	"	ZZZ	"	03/06/2020
Ethylbenzene	37.6	1.00	"	"	"	ZZZ	"	"
Xylenes, total	320	1.00	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	83.2 %	70-130	"	"	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	87.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-57

3/3/2020 1:20:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-10 (Water)

BTEX by EPA 8260D

Benzene	132	10.0	ug/L	10	B0C0403	ZZZ	03/04/2020	03/06/2020
Toluene	869	10.0	"	"	"	ZZZ	"	"
Ethylbenzene	116	1.00	"	1	"	ZZZ	"	03/06/2020
Xylenes, total	1480	10.0	"	10	"	ZZZ	"	03/06/2020

Surrogate: 1,2-Dichloroethane-d4	80.5 %	70-130			"	"	03/06/2020
Surrogate: Toluene-d8	122 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	82.1 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-58

3/3/2020 1:27:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-11 (Water)

BTEX by EPA 8260D

Benzene	3.76	1.00	ug/L	1	B0C0403	ZZZ	03/04/2020	03/06/2020	
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	5.17	1.00	"	"	"	ZZZ	"	"	
Xylenes, total	169	1.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	86.4 %	70-130			"	"	"	
Surrogate: Toluene-d8	107 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	85.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-59

3/3/2020 1:39:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003045-12 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0C0403	ZZZ	03/04/2020	03/06/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	88.2 %	70-130	"	"	"
Surrogate: Toluene-d8	105 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	87.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0C0403 - EPA 5030B (Water)

Blank (B0C0403-BLK1)

Prepared: 03/04/2020 Analyzed: 03/05/2020

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	54		"	62.5	85.6	70-130				
Surrogate: Toluene-d8	63		"	62.5	101	70-130				
Surrogate: 4-Bromofluorobenzene	55		"	62.5	88.3	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C0403 - EPA 5030B (Water)

LCS (B0C0403-BS1)

Prepared: 03/04/2020 Analyzed: 03/06/2020

Benzene	47.8	1.00	ug/L	50.0		95.5	70-130			
Toluene	53.7	1.00	"	50.0		107	70-130			
Ethylbenzene	55.4	1.00	"	50.0		111	70-130			
m,p-Xylene	109	2.00	"	100		109	70-130			
o-Xylene	51.6	1.00	"	50.0		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	56		"	62.5		90.2	70-130			
Surrogate: Toluene-d8	65		"	62.5		105	70-130			
Surrogate: 4-Bromofluorobenzene	54		"	62.5		86.2	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C0403 - EPA 5030B (Water)

Matrix Spike (B0C0403-MS1)		Source: Y003047-01			Prepared: 03/04/2020 Analyzed: 03/06/2020					
Benzene	51.9	1.00	ug/L	50.0	ND	104	70-130			
Toluene	57.1	1.00	"	50.0	ND	114	70-130			
Ethylbenzene	56.5	1.00	"	50.0	0.070	113	70-130			
m,p-Xylene	112	2.00	"	100	0.190	112	70-130			
o-Xylene	56.2	1.00	"	50.0	ND	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	57		"	62.5		91.2	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	54		"	62.5		86.9	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0C0403 - EPA 5030B (Water)

Matrix Spike Dup (B0C0403-MSD1)		Source: Y003047-01			Prepared: 03/04/2020 Analyzed: 03/06/2020					
Benzene	46.5	1.00	ug/L	50.0	ND	92.9	70-130	11.1	20	
Toluene	51.7	1.00	"	50.0	ND	103	70-130	9.87	20	
Ethylbenzene	51.6	1.00	"	50.0	0.070	103	70-130	9.22	20	
m,p-Xylene	101	2.00	"	100	0.190	101	70-130	10.3	20	
o-Xylene	52.0	1.00	"	50.0	ND	104	70-130	7.80	20	
Surrogate: 1,2-Dichloroethane-d4	49		"	62.5		77.7	70-130			
Surrogate: Toluene-d8	67		"	62.5		106	70-130			
Surrogate: 4-Bromofluorobenzene	52		"	62.5		83.2	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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.



March 27, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Edward Hemple Unit 1

Project Number - [none]

Attached are your analytical results for Noble - Edward Hemple Unit 1 received by Origins Laboratory, Inc. March 26, 2020. This project is associated with Origins project number Y003542-01.

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-60	Y003542-01	Water	March 26, 2020 13:55	03/26/2020 15:30
MW-61	Y003542-02	Water	March 26, 2020 14:00	03/26/2020 15:30
MW-62	Y003542-03	Water	March 26, 2020 14:05	03/26/2020 15:30
MW-63	Y003542-04	Water	March 26, 2020 14:10	03/26/2020 15:30
MW-64	Y003542-05	Water	March 26, 2020 14:18	03/26/2020 15:30
MW-65	Y003542-06	Water	March 26, 2020 14:23	03/26/2020 15:30
MW-66	Y003542-07	Water	March 26, 2020 14:25	03/26/2020 15:30

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

ORIGINS

Y003542

page 1 of 1

Client: Eagle Env Consulting
Address: 8000 W 44th Ave
Wheat Ridge CO 80033
Telephone Number: 303-955-0177
Email Address: info@origins-lab.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: Y003542
Samples Collected By: A. Eckert

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil		
Y003542-01	3/26/20	1555	2		X			X			
Y003542-02	3/26/20	1600	2		X			X			
Y003542-03	3/26/20	1605	2		X			X			
Y003542-04	3/26/20	1610	2		X			X			
Y003542-05	3/26/20	1615	2		X			X			
Y003542-06	3/26/20	1625	2		X			X			
Y003542-07	3/26/20	1630	2		X			X			
Y003542-08	3/26/20	1635	2		X			X			
Y003542-09	3/26/20	1640	2		X			X			
Y003542-10	3/26/20	1645	2		X			X			

Relinquished By: [Signature] Date: 3/26/20 Time: 1530
Received By: [Signature] Date: 3/26/20 Time: 1530

Turnaround Time: Same Day ☒ 24 Hr ☐ 48 Hr ☐ 72 Hr ☐ Standard ☐

Temp Received: 3.2 Date Results Needed: 4/1/20

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 1003542

Client: Eagle

Client Project ID: Edward Hemple Unit 1

Checklist Completed by: JG

Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 3/26/2020

Airbill #: N/A

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

Cooler Number/Temperature: 1 3.2 °C 1 °C 1 °C 1 °C

Thermometer ID: TC03

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ¹¹² ?	☒	☐	☐	
Is there ice present (document if blue ice is used)?	☒	☐	☐	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	☒	☐	☐	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	☒	☐	☐	
Were all samples received intact ¹¹² ?	☒	☐	☐	
Was adequate sample volume provided ¹¹² ?	☒	☐	☐	
Are short holding time analytes or samples with HTs due within 48 hours present ¹¹² ?	☒	☐	☐	
Is a chain-of-custody (COC) present and filled out completely ¹¹² ?	☒	☐	☐	
Does the COC agree with the number and type of sample bottles received ¹¹² ?	☒	☐	☐	
Do the sample IDs on the bottle labels match the COC ¹¹² ?	☒	☐	☐	
Is the COC properly relinquished by the client with date and time recorded ¹¹² ?	☒	☐	☐	
For volatiles in water – is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative.	☒	☐	☐	
Are samples preserved that require preservation and was it checked ¹¹² ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for sub-contracted analyses in order to insure sample integrity)/pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄ / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	☒	☐	☐	
Additional Comments (if any):				

¹¹²If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action in the additional comments (above) and the Case Narrative.

Reviewed by (Project Manager)

Date/Time Reviewed 3/26/20

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

MW-60

3/26/2020 1:55:00PM

Analyte	Result	Reporting		Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit								

Origins Laboratory, Inc.

Y003542-01 (Water)

BTEX by EPA 8260D

Benzene	ND	4.00	ug/L	4	B0C2605	ZZZ	03/26/2020	03/26/2020	U
Toluene	ND	4.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	4.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	4.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130	"	"	"
Surrogate: Toluene-d8	98.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	98.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-61

3/26/2020 2:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003542-02 (Water)

BTEX by EPA 8260D

Benzene	12.9	4.00	ug/L	4	B0C2605	ZZZ	03/26/2020	03/26/2020	
Toluene	ND	4.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	11.9	4.00	"	"	"	ZZZ	"	"	
Xylenes, total	239	4.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130			"	"	"
Surrogate: Toluene-d8	97.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.3 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-62

3/26/2020 2:05:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003542-03 (Water)

BTEX by EPA 8260D

Benzene	2110	50.0	ug/L	50	B0C2605	ZZZ	03/26/2020	03/26/2020
Toluene	2340	50.0	"	"	"	ZZZ	"	"
Ethylbenzene	674	50.0	"	"	"	ZZZ	"	"
Xylenes, total	9810	50.0	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130	"	"	"
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	97.7 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-63

3/26/2020 2:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003542-04 (Water)

BTEX by EPA 8260D

Benzene	53.4	4.00	ug/L	4	B0C2605	ZZZ	03/26/2020	03/26/2020
Toluene	154	4.00	"	"	"	ZZZ	"	"
Ethylbenzene	11.1	4.00	"	"	"	ZZZ	"	"
Xylenes, total	208	4.00	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130			"	"	"
Surrogate: Toluene-d8	99.5 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.2 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-64

3/26/2020 2:18:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003542-05 (Water)

BTEX by EPA 8260D

Benzene	291	4.00	ug/L	4	B0C2605	ZZZ	03/26/2020	03/26/2020
Toluene	149	4.00	"	"	"	ZZZ	"	"
Ethylbenzene	31.8	4.00	"	"	"	ZZZ	"	"
Xylenes, total	522	4.00	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130	"	"	"
Surrogate: Toluene-d8	98.0 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	98.8 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-65

3/26/2020 2:23:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003542-06 (Water)

BTEX by EPA 8260D

Benzene	1600	50.0	ug/L	50	B0C2605	ZZZ	03/26/2020	03/27/2020
Toluene	2190	50.0	"	"	"	ZZZ	"	"
Ethylbenzene	219	4.00	"	4	"	ZZZ	"	03/26/2020
Xylenes, total	3280	50.0	"	50	"	ZZZ	"	03/27/2020

Surrogate: 1,2-Dichloroethane-d4	89.6 %	70-130			"	"	03/26/2020
Surrogate: Toluene-d8	107 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.1 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-66

3/26/2020 2:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y003542-07 (Water)

BTEX by EPA 8260D

Benzene	551	4.00	ug/L	4	B0C2605	ZZZ	03/26/2020	03/26/2020
Toluene	17.4	4.00	"	"	"	ZZZ	"	"
Ethylbenzene	13.3	4.00	"	"	"	ZZZ	"	"
Xylenes, total	243	4.00	"	"	"	ZZZ	"	"

Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130			"	"	"
Surrogate: Toluene-d8	99.4 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	99.7 %	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2605 - EPA 5030B (Water)

Blank (B0C2605-BLK1)

Prepared: 03/26/2020 Analyzed: 03/26/2020

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.4	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	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.

Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2605 - EPA 5030B (Water)

LCS (B0C2605-BS1)

Prepared: 03/26/2020 Analyzed: 03/26/2020

Benzene	57.9	1.00	ug/L	50.0		116	70-130			
Toluene	59.0	1.00	"	50.0		118	70-130			
Ethylbenzene	58.5	1.00	"	50.0		117	70-130			
m,p-Xylene	114	2.00	"	100		114	70-130			
o-Xylene	56.3	1.00	"	50.0		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	65		"	62.5		104	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.7	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.

Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2605 - EPA 5030B (Water)

Matrix Spike (B0C2605-MS1)		Source: Y003527-02			Prepared: 03/26/2020 Analyzed: 03/26/2020					
Benzene	48.8	1.00	ug/L	50.0	ND	97.7	70-130			
Toluene	51.9	1.00	"	50.0	ND	104	70-130			
Ethylbenzene	49.0	1.00	"	50.0	ND	97.9	70-130			
m,p-Xylene	97.1	2.00	"	100	0.200	96.9	70-130			
o-Xylene	52.0	1.00	"	50.0	ND	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	56		"	62.5		90.4	70-130			
Surrogate: Toluene-d8	68		"	62.5		108	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		93.1	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0C2605 - EPA 5030B (Water)

Matrix Spike Dup (B0C2605-MSD1)		Source: Y003527-02			Prepared: 03/26/2020 Analyzed: 03/26/2020					
Benzene	50.0	1.00	ug/L	50.0	ND	99.9	70-130	2.27	20	
Toluene	52.4	1.00	"	50.0	ND	105	70-130	0.939	20	
Ethylbenzene	51.1	1.00	"	50.0	ND	102	70-130	4.36	20	
m,p-Xylene	101	2.00	"	100	0.200	101	70-130	4.38	20	
o-Xylene	52.6	1.00	"	50.0	ND	105	70-130	1.07	20	
Surrogate: 1,2-Dichloroethane-d4	56		"	62.5		90.4	70-130			
Surrogate: Toluene-d8	67		"	62.5		107	70-130			
Surrogate: 4-Bromofluorobenzene	59		"	62.5		94.9	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 For Noelle Doyle Mathis, President



April 02, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Edward Hemple Unit 1

Project Number - [none]

Attached are your analytical results for Noble - Edward Hemple Unit 1 received by Origins Laboratory, Inc. March 26, 2020. This project is associated with Origins project number Y003549-01.

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-60@2.5-5'	Y003549-01	Soil	March 26, 2020 11:25	03/26/2020 15:30
MW-61@2.5-5'	Y003549-02	Soil	March 26, 2020 11:45	03/26/2020 15:30
MW-62@0-2.5'	Y003549-03	Soil	March 26, 2020 12:02	03/26/2020 15:30
MW-63@0-2.5'	Y003549-04	Soil	March 26, 2020 12:16	03/26/2020 15:30
MW-64@2.5-5'	Y003549-05	Soil	March 26, 2020 12:31	03/26/2020 15:30
MW-65@2.5-5'	Y003549-06	Soil	March 26, 2020 12:42	03/26/2020 15:30
MW-66@2.5-5'	Y003549-07	Soil	March 26, 2020 12:54	03/26/2020 15:30

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

ORIGINS
LABORATORY, INC

www.originslaboratory.com

1085549

page 1 of 1

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: mcs@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Edward Hemple Unit 1
Project Number: [blank]
Samples Collected By: GEC

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	BTEX	Geo	DRD	
MW-001 @ 2.5-5'	3/26/20	1125	2	X					X				X	X	1
MW-010 @ 2.5-5'		1145	1										X	X	2
MW-020 @ 0-2.5'		1202	1												3
MW-030 @ 0-2.5'		1216	1												4
MW-040 @ 2.5-5'		1231	1												5
MW-050 @ 2.5-5'		1242	1												6
MW-060 @ 2.5-5'		1254	1												7
															8
															9
															10

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
h m	3/26/20	1530	[Signature]	3/26/20	1530	Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☐ Standard ☒

Temp Received: 3.2
Date Results Needed: 4/1/20

Bill to JAWO

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Origins Laboratory

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

Origins Work Order: 1085549

Client: Eagle

Client Project ID: Ed Hemple Unit 1

Checklist Completed by: JG

Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 3/26/2020

Airbill #: N/A

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

Cooler Number/Temperature: 1 3.2 °C 1 °C 1 °C (Describe) _____ °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒	☐	☐	
Is there ice present (document if blue ice is used)	☒	☐	☐	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	☐	☒	☐	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	☐	☒	☐	
Were all samples received intact ⁽¹⁾ ?	☒	☐	☐	
Was adequate sample volume provided ⁽¹⁾ ?	☒	☐	☐	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	☐	☒	☐	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒	☐	☐	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒	☐	☐	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒	☐	☐	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒	☐	☐	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	☐	☒	☐	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	☐	☒	☐	
Additional Comments (if any):				

⁽¹⁾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.

Jm
Reviewed by (Project Manager)

3-27-20
Date/Time Reviewed

Origins Laboratory, Inc.

Jefe Pellegrini

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-60@2.5-5'

3/26/2020 11:25:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-01 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0C2702	KDK	03/27/2020	03/27/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	59.0 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0C2703	KDK	03/27/2020	03/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130			"	"	"		
Surrogate: Toluene-d8	98.1 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-61@2.5-5'

3/26/2020 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-02 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0C2702	KDK	03/27/2020	03/27/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	52.0 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0C2703	KDK	03/27/2020	03/28/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130			"	"	"		
Surrogate: Toluene-d8	96.2 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	99.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-62@0-2.5'

3/26/2020 12:02:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-03 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0C2702	KDK	03/27/2020	03/27/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	60.5 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0C2703	KDK	03/27/2020	03/30/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130			"	"	"		
Surrogate: Toluene-d8	96.6 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-63@0-2.5'

3/26/2020 12:16:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-04 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	BOC2702	KDK	03/27/2020	03/27/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	61.8 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	BOC2703	KDK	03/27/2020	03/30/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130			"	"	"		
Surrogate: Toluene-d8	96.4 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	99.5 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-64@2.5-5'

3/26/2020 12:31:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-05 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	BOC2702	KDK	03/27/2020	03/27/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	65.6 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	BOC2703	KDK	03/27/2020	03/30/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130			"	"	"		
Surrogate: Toluene-d8	97.5 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	97.9 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-65@2.5-5'

3/26/2020 12:42:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-06 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	BOC2702	KDK	03/27/2020	03/27/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	67.8 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	BOC2703	KDK	03/27/2020	03/30/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130			"	"	"		
Surrogate: Toluene-d8	97.8 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	97.8 %	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

MW-66@2.5-5'

3/26/2020 12:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y003549-07 (Soil)

Diesel Range Organics (DRO/TEPH) by EPA 8015D

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0C2702	KDK	03/27/2020	03/28/2020	U
------------------	----	------	-------	---	---------	-----	------------	------------	---

Surrogate: o-Terphenyl	59.2 %	50-150			"	"	"		
------------------------	--------	--------	--	--	---	---	---	--	--

GBTEX + Naphthalene by EPA 8260D

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B0C2703	KDK	03/27/2020	03/30/2020	U
Benzene	ND	0.002	"	"	"	KDK	"	"	U
Toluene	ND	0.002	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.002	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.002	"	"	"	KDK	"	"	U
Naphthalene	ND	0.008	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130			"	"	"		
Surrogate: Toluene-d8	96.5 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	100 %	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2702 - EPA 3580

Blank (B0C2702-BLK1)

Prepared: 03/27/2020 Analyzed: 03/27/2020

Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	18		"	25.0		73.0	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2702 - EPA 3580

LCS (B0C2702-BS1)

Prepared: 03/27/2020 Analyzed: 03/27/2020

Diesel (C10-C28)	934	50.0	mg/kg	1000		93.4	70-130			
Surrogate: o-Terphenyl	50		"	50.0		100	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2702 - EPA 3580

Matrix Spike (B0C2702-MS1)		Source: Y003549-01			Prepared: 03/27/2020 Analyzed: 03/27/2020					
Diesel (C10-C28)	1660	50.0	mg/kg	1000	13.3	165	70-130			QM-07
Surrogate: o-Terphenyl	56		"	50.0		112	50-150			

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2702 - EPA 3580

Matrix Spike Dup (B0C2702-MSD1)		Source: Y003549-01			Prepared: 03/27/2020 Analyzed: 03/27/2020					
Diesel (C10-C28)	949	50.0	mg/kg	1000	13.3	93.6	70-130	54.7	35	QR-03
Surrogate: o-Terphenyl	48		"	50.0		97.0	50-150			

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 For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2703 - EPA 5030 (soil)

Blank (B0C2703-BLK1)

Prepared: 03/27/2020 Analyzed: 03/27/2020

Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Naphthalene	ND	0.008	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.3	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

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 B0C2703 - EPA 5030 (soil)										
LCS (B0C2703-BS1)					Prepared: 03/27/2020 Analyzed: 03/27/2020					
Benzene	0.091	0.002	mg/kg	0.100		90.7	70-130			
Toluene	0.099	0.002	"	0.100		98.9	70-130			
Ethylbenzene	0.097	0.002	"	0.100		96.9	70-130			
m,p-Xylene	0.201	0.004	"	0.200		101	70-130			
o-Xylene	0.100	0.002	"	0.100		100	70-130			
Naphthalene	0.087	0.008	"	0.100		87.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.7	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.5	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0C2703 - EPA 5030 (soil)

Matrix Spike (B0C2703-MS1)		Source: Y003549-01			Prepared: 03/27/2020 Analyzed: 03/28/2020					
Benzene	0.090	0.002	mg/kg	0.100	ND	90.2	70-130			
Toluene	0.099	0.002	"	0.100	ND	99.4	70-130			
Ethylbenzene	0.094	0.002	"	0.100	ND	93.6	70-130			
m,p-Xylene	0.195	0.004	"	0.200	ND	97.3	70-130			
o-Xylene	0.098	0.002	"	0.100	ND	98.4	70-130			
Naphthalene	0.081	0.008	"	0.100	0.001	80.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.7	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Edward Hemple Unit 1

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 B0C2703 - EPA 5030 (soil)										
Matrix Spike Dup (B0C2703-MSD1)		Source: Y003549-01			Prepared: 03/27/2020 Analyzed: 03/28/2020					
Benzene	0.081	0.002	mg/kg	0.100	ND	81.3	70-130	10.3	20	
Toluene	0.088	0.002	"	0.100	ND	87.9	70-130	12.3	20	
Ethylbenzene	0.084	0.002	"	0.100	ND	84.3	70-130	10.5	20	
m,p-Xylene	0.175	0.004	"	0.200	ND	87.3	70-130	10.8	20	
o-Xylene	0.088	0.002	"	0.100	ND	87.6	70-130	11.7	20	
Naphthalene	0.067	0.008	"	0.100	0.001	66.0	70-130	18.9	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Edward Hemple Unit 1

Notes and Definitions

U Sample is Non-Detect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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 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.