



FIGURES

Figure 1: Topographic Site Location Map

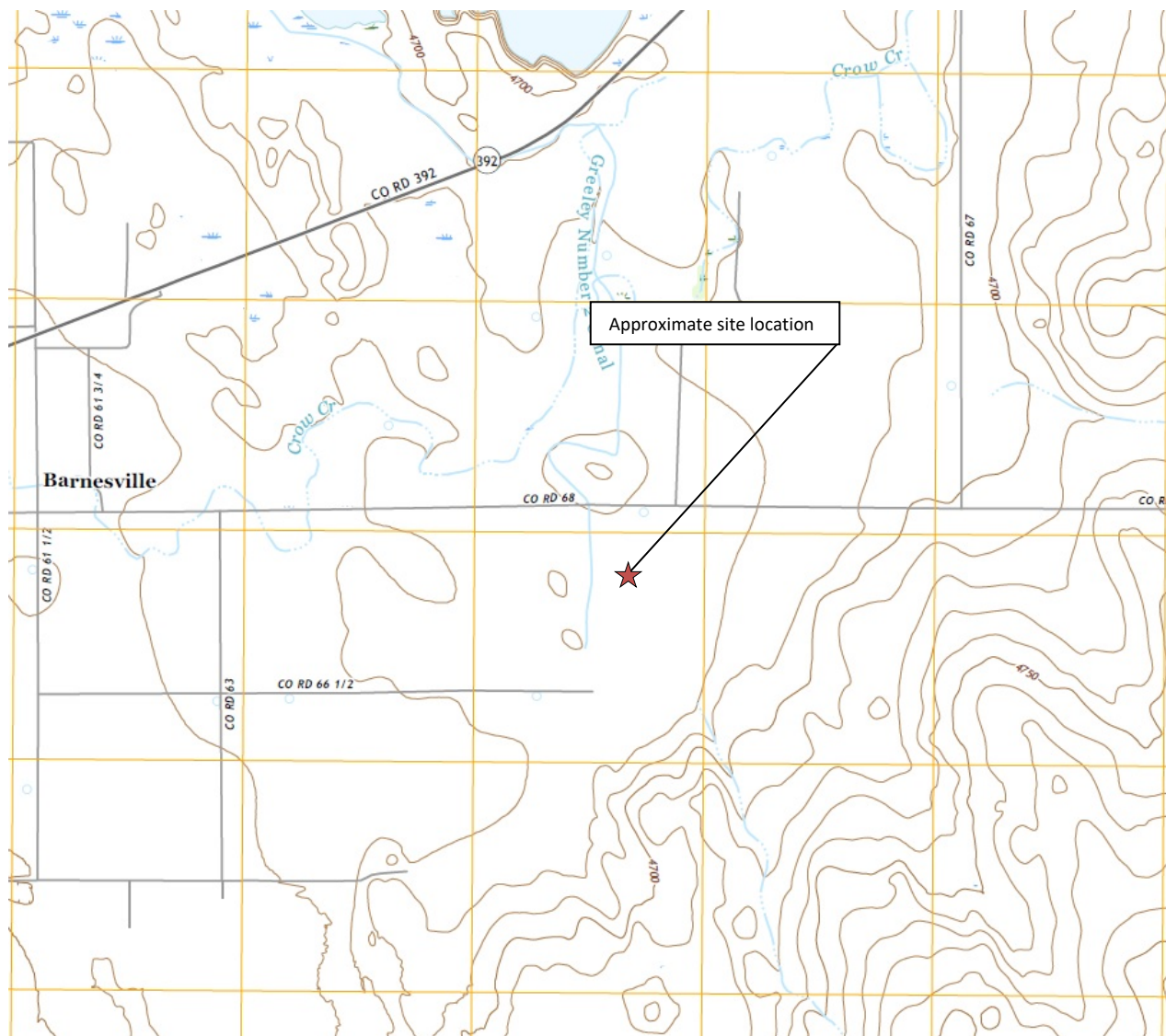
Figure 2: Aerial Site Location Map

Figure 3: Soil Boring Analytical Map

Figure 4: Soil Boring Polycyclic Aromatic Hydrocarbons Map

Figure 5: Soil Boring Metals in Soil Map

Figure 6: Groundwater Analytical Map (11/12/21)



Topographic Site Location Map

Wells Ranch AA #21-04
Wellhead Release
40.477227 / -104.448797
NW¼ NW¼ SEC.21 T6N R63W 6PM
Weld County, Colorado
API # 05-123-26814
Spill ID 480576



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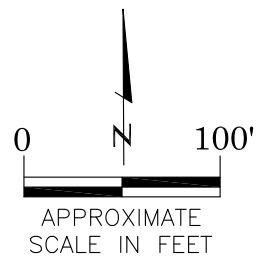
Source: USGS 7.5 Minute Topographic
Map, Barnesville, CO Quadrangle 2019

Figure 1



LEGEND

- WELLS RANCH AA #21-04 WELLHEAD / RELEASE LOCATION
- ASSOCIATED SEPARATOR
- ASSOCIATED TANK BATTERY
- APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP
 WELLS RANCH AA #21-04
 WELLHEAD RELEASE
 40.477227 / -104.448797
 NW¼ NW¼ SEC.21 T6N R63W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-26814
 SPILL ID 480576

FIGURE NO.

2

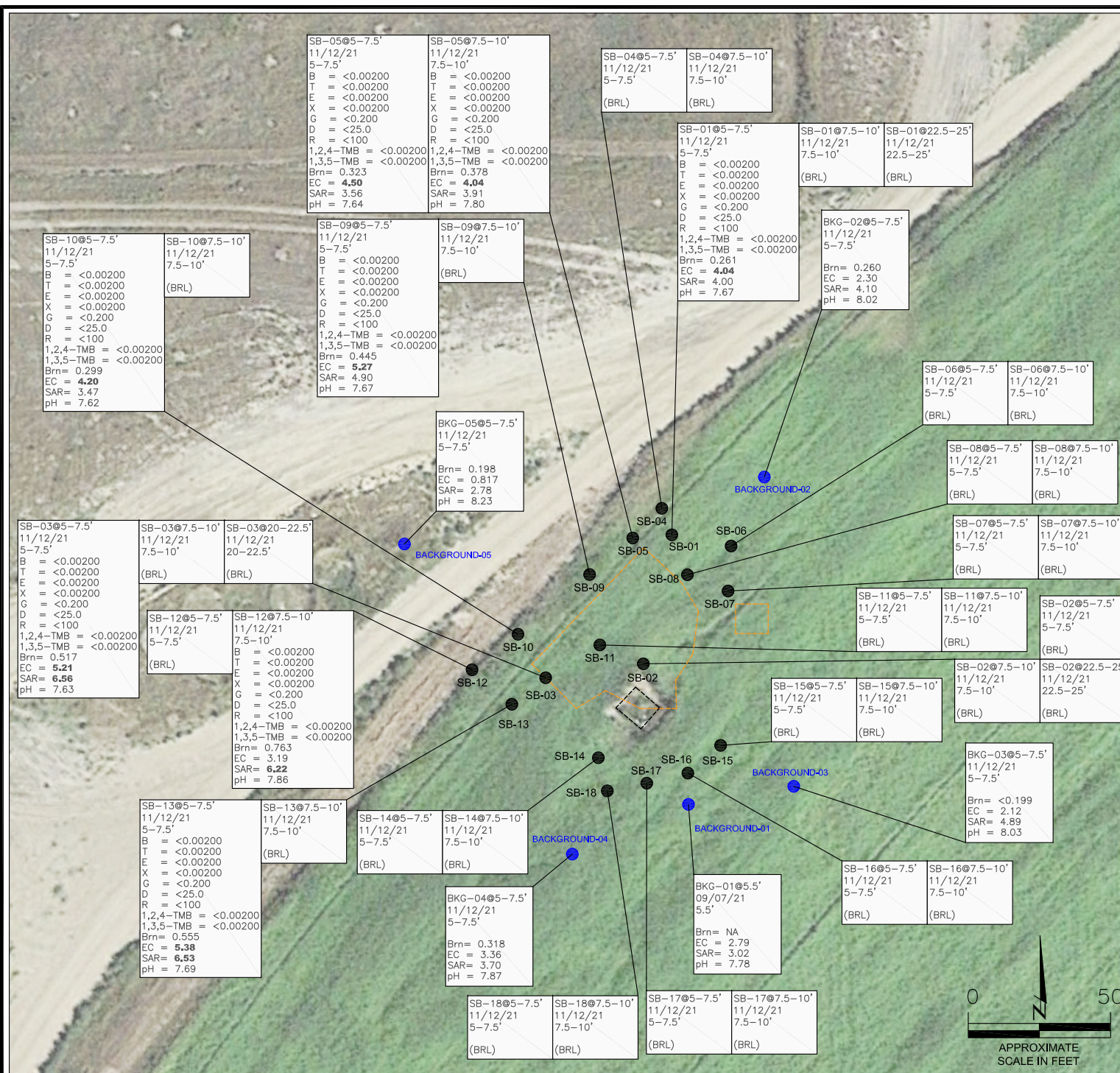
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LEGEND

----- APPROXIMATE WELLHEAD/RELEASE LOCATION

----- APPROXIMATE EXCAVATION EXTENTS

● SB-01 APPROXIMATE SOIL BORING LOCATIONS

● APPROXIMATE LOCATION OF BACKGROUND SAMPLE SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION

DATE

DEPTH (FEET)

B = BENZENE (mg/kg)

T = TOLUENE (mg/kg)

E = ETHYLBENZENE (mg/kg)

X = TOTAL XYLENES (mg/kg)

G = TPH-GRO (mg/kg)

D = TPH-DRO (mg/kg)

R = TPH-RRO (mg/kg)

1,2,4-TMB = 1,2,4 TRIMETHYLBENZENE (mg/kg)

1,3,5-TMB = 1,3,5 TRIMETHYLBENZENE (mg/kg)

Brn= BORON (mg/L)

EC = SPECIFIC CONDUCTANCE (mmhos/cm)

SAR= SODIUM ADSORPTION RATIO

pH = pH (PH UNITS)

mg/kg = MILLIGRAMS PER KILOGRAM

mg/L = MILLIGRAMS PER LITER

mmhos/cm = MILLIMHOS PER CENTIMETER

(BRL) = ALL CONCENTRATIONS BELOW REGULATORY LIMITS

NA = NOT ANALYZED

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE ORGANICS

TPH-RRO = TOTAL PETROLEUM HYDROCARBONS - RESIDUAL RANGE ORGANICS

NOTES:

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

VALUES PRESENTED IN **BOLD** VALUES CONTAIN CONCENTRATIONS EXCEEDING EC/MC TABLE 915-1 REGULATORY LIMITS.

EC/MC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL BORING ANALYTICAL MAP

WELLS RANCH AA #21-04

WELLHEAD RELEASE

40.477227 / -104.448797

NW¼ NW¼ SEC.21 T6N R63W 6PM

WELD COUNTY, COLORADO

API # 05-123-26814

REMEDATION # 20786

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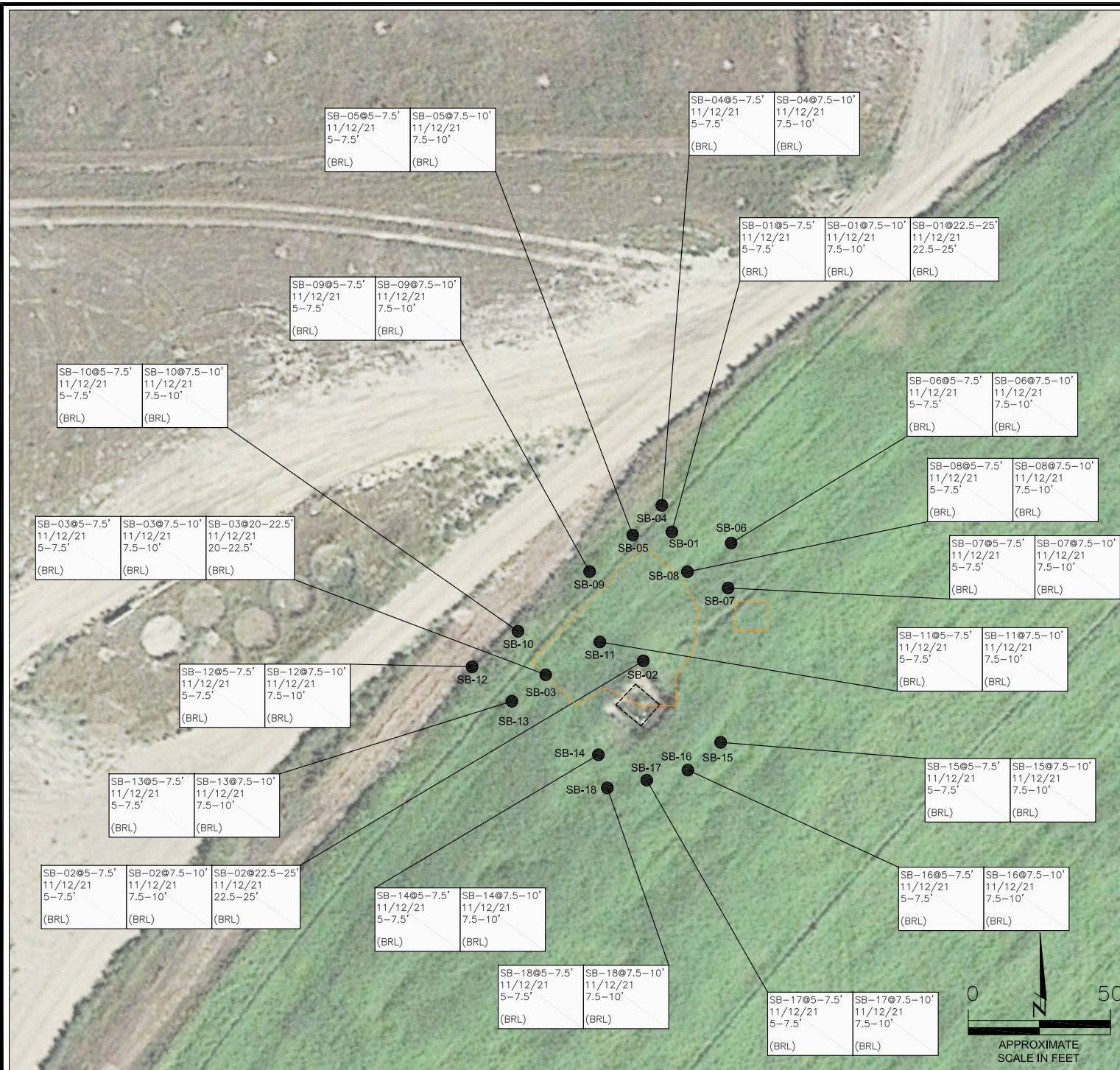
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FIGURE NO.

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LEGEND

----- APPROXIMATE WELLHEAD/RELEASE LOCATION

----- APPROXIMATE EXCAVATION EXTENTS

● SB-01 APPROXIMATE SOIL BORING LOCATIONS

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
APPROXIMATE DEPTH

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

(BRL) = ALL CONCENTRATIONS BELOW REGULATORY LIMITS

MDL = MINIMUM DETECTION LIMIT

NOTE:
VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED ECMC TABLE 915-1 REGULATORY LIMITS FOR THAT COMPOUND.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

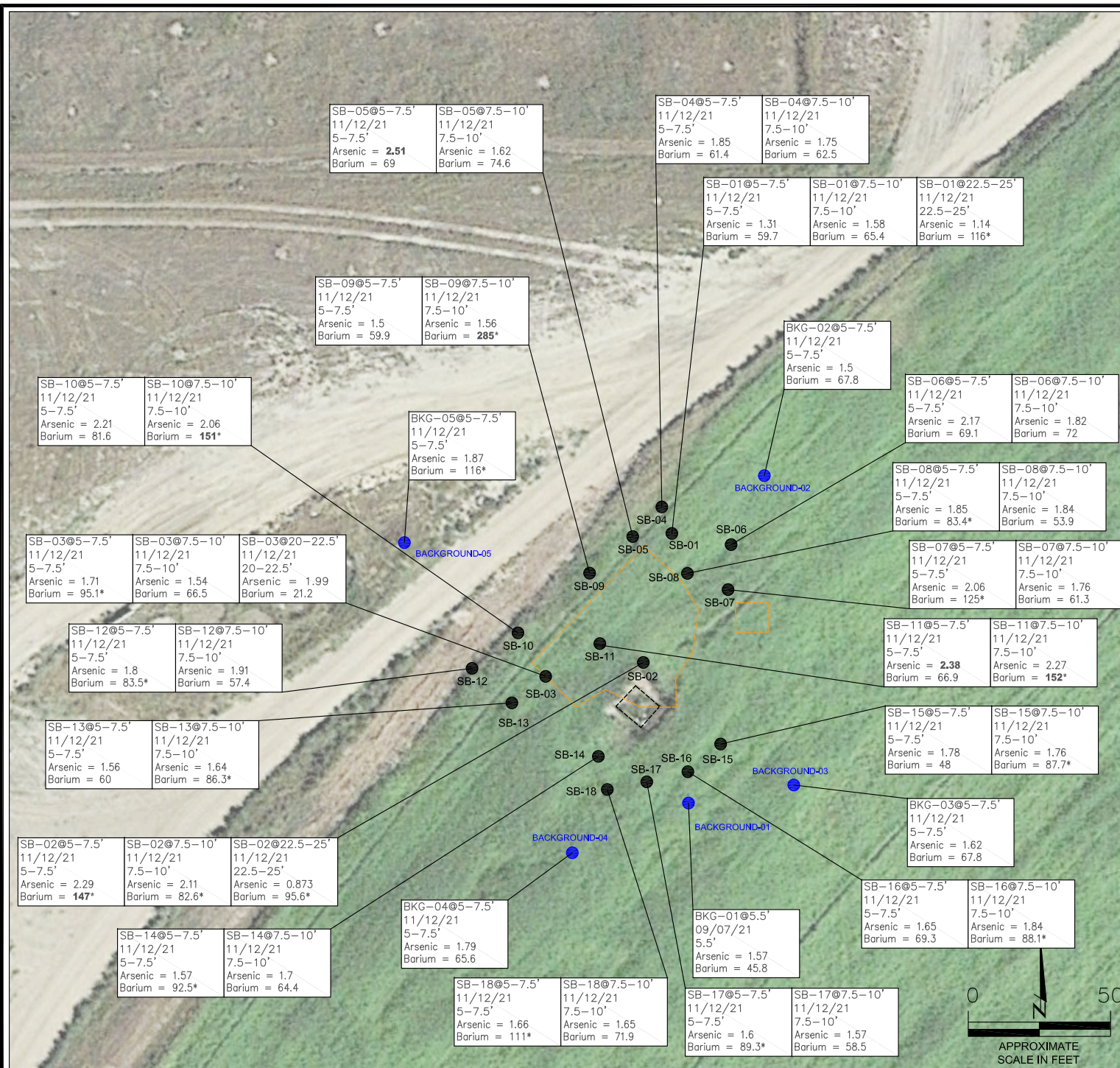
SOIL BORING PAH ANALYTICAL MAP

WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW¼ NW¼ SEC.21 T6N R63W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDATION # 20786

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FIGURE NO.
4

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LEGEND

----- APPROXIMATE WELLHEAD/RELEASE LOCATION

----- APPROXIMATE EXCAVATION EXTENTS

● SB-01 APPROXIMATE SOIL BORING LOCATIONS

● APPROXIMATE LOCATION OF BACKGROUND SAMPLE SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
APPROXIMATE DEPTH
Arsenic = (mg/kg)
Barium = (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

NOTE:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT/OR ABOVE LABORATORY REPORTING LIMITS AND/OR MINIMUM DETECTION LIMITS.

ELEVATED METALS ARE NATURALLY OCCURRING IN COLORADO. LOCAL CLEAN-UP LEVELS ARE 1.25*BACKGROUND HIGH CONCENTRATIONS WHERE APPLICABLE.

VALUES PRESENTED IN **BOLD** EXCEED ECMC TABLE 915-1 REGULATORY LIMITS AND APPLICABLE LOCAL CLEAN-UP LEVELS.

*VALUES EXCEED ECMC TABLE 915-1 PROTECTION OF GROUNDWATER SOIL SCREENING LEVELS, ONLY.

**ACHIEVABLE PRACTICAL QUANTITATIVE LIMITS FOR HEXAVALENT CHROMIUM (Cr VI) IN SOILS IS IN THE RANGE OF 0.1 TO 1 mg/kg.

CONSTITUENTS OF CONCERN, ONLY, DISPLAYED.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL BORING METALS IN SOIL MAP
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW¼ NW¼ SEC.21 T6N R63W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIATION # 20786

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FIGURE NO.
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LEGEND

- APPROXIMATE WELLHEAD/RELEASE LOCATION
----- APPROXIMATE EXCAVATION EXTENTS
● SB-01 APPROXIMATE TEMPORARY 1" WELL LOCATIONS

PARAMETERS

GROUNDWATER SAMPLE LOCATION

DATE

B = BENZENE (µg/L)

T = TOLUENE (µg/L)

E = ETHYLBENZENE (µg/L)

X = TOTAL XYLENES (µg/L)

N = NAPHTHALENE (µg/L)

1,2,4-TMB = 1,2,4-TRIMETHYLBENZENE (µg/L)

1,3,5-TMB = 1,3,5-TRIMETHYLBENZENE (µg/L)

µg/L = MILLIGRAMS PER LITER

NOTES:

VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE THE LABORATORY REPORTING LIMIT.

VALUES PRESENTED IN **BOLD** EXCEED THE ECMC TABLE 915-1 REGULATORY LIMITS FOR THAT COMPOUND.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

GROUNDWATER ANALYTICAL MAP

WELLS RANCH AA #21-04

WELLHEAD RELEASE

40.477227 / -104.448797

NW¼ NW¼ SEC.21 T6N R63W 6PM

WELD COUNTY, COLORADO

API # 05-123-26814

REMEDIAL # 20786

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FIGURE NO.
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TABLES

Table 1: PID Reading Summary

Table 2: Soil Analytical Results Summary

Table 3: Polycyclic Aromatic Hydrocarbons Analytical Results Summary

Table 4: Metals Analytical Results Summary

Table 5: Groundwater Analytical Results Summary

TABLE 1
PID READING SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIALTION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
SS-01 @ 2' (40.477248 / -104.448835)	08/24/21	2	4186	N
SS-02 @ 0.25' (40.477206 / -104.448858)	08/24/21	0.25	10.4	N
SS-03 @ 0.25' (40.477246 / -104.448905)	08/24/21	0.25	5.5	N
SS-04 @ 0.25' (40.477315 / -104.448891)	08/24/21	0.25	21.8	N
SS-05 @ 0.25' (40.477361 / -104.448776)	08/24/21	0.25	21.2	N
SS-06 @ 0.25' (40.477314 / -104.448708)	08/24/21	0.25	21.7	N
SS-07 @ 0.25' (40.477234 / -104.448731)	08/24/21	0.25	8.4	N
SS-08 @ 4' (40.477247 / -104.448834)	08/24/21	4	132.3	N
SS-09 @ 4' (40.477283 / -104.448850)	08/24/21	4	1237	N
SS-10 @ 4' (40.477323 / -104.448801)	08/24/21	4	1866	N
SS-11 @ 4' (40.477298 / -104.448759)	08/24/21	4	2068	N
SS-12 @ 4' (40.477262 / -104.448787)	08/24/21	4	2793	N
PH-01 @ 5.5' (40.477263 / -104.448788)	08/24/21	5.5	209.3	N
PH-02 @ 6' (40.477263 / -104.448788)	08/24/21	6	23.6	N
FS-01 @ 5.5' (40.477324 / -104.448779)	08/26/21	5.5	112.4	Y
FS-02 @ 5.5' (40.477304 / -104.44882)	08/26/21	5.5	82.5	Y
FS-03 @ 5.5' (40.477262 / -104.448868)	08/26/21	5.5	122.7	Y
FS-04 @ 5.5' (40.477281 / -104.448755)	08/26/21	5.5	14.8	Y
FS-05 @ 1' (40.47723 / -104.448781)	08/27/21	1.0	1691	N
SS-13 @ 4' (40.477346 / -104.448760)	08/26/21	4	91.6	Y
SS-14 @ 4.5' (40.477321 / -104.448726)	08/26/21	4.5	8.3	Y
SS-15 @ 4.5' (40.477287 / -104.448724)	08/26/21	4.5	6.4	Y
SS-16 @ 4.5' (40.477256 / -104.448745)	08/26/21	4.5	5.7	Y
SS-17 @ 4.5' (40.477255 / -104.448768)	08/26/21	4.5	21.7	Y
SS-18 @ 4.5' (40.477261 / -104.448802)	08/26/21	4.5	1596	N

TABLE 1
PID READING SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIALTION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
SS-19 @ 4.5' (40.477233 / -104.448851)	08/26/21	4.5	14.5	Y
SS-20 @ 4.5' (40.477240 / -104.448899)	08/26/21	4.5	14.1	Y
SS-21 @ 4.5' (40.477281 / -104.448888)	08/26/21	4.5	8.6	Y
SS-22 @ 4.5' (40.477311 / -104.448849)	08/26/21	4.5	9.9	Y
SS-23 @ 4.5' (40.477340 / -104.448813)	08/26/21	4.5	17.8	Y
FS-06 @ 6.5' (40.477243 / -104.448785)	08/31/21	6.5	23.6	Y
SS-24 @ 5' (40.477225 / -104.448812)	08/31/21	5	5.5	Y
SS-25 @ 5' (40.477219 / -104.448793)	08/31/21	5	22.0	Y
SS-26 @ 5' (40.477219 / -104.448766)	08/31/21	5	18.0	Y
SS-27 @ 5' (40.477233 / -104.448751)	08/31/21	5	21.1	Y
SS-28 @ 5' (40.477226 / -104.448756)	08/31/21	5	6.9	N
SS-29 @ 3' (40.477214 / -104.448873)	08/31/21	3	23.2	N
SS-30 @ 3' (40.477222 / -104.448831)	08/31/21	3	8.3	N
SS-31 @ 6' (40.477223 / -104.448778)	08/31/21	6	15.8	N
SS-32 @ 0.25' (40.477290 / -104.448670)	08/31/21	0.25	12.3	Y
SS-33 @ 0.25' (40.477378 / -104.448801)	08/31/21	0.25	4.2	Y
SS-34 @ 0.25' (40.477250 / -104.448950)	08/31/21	0.25	4.0	Y
SS-35 @ 0.25' (40.477167 / -104.448789)	08/31/21	0.25	3.5	Y
Stockpile-01 @ 0.25' (40.477208 / -104.448681)	08/31/21	0.25	5.2	Y
SS-36 @ 0.25-0.5' (40.477289 / -104.448671)	09/01/21	0.25-0.5	1.2	Y
Stockpile-02 @ 0.25-0.5' (40.477208 / -104.448681)	09/01/21	0.25-0.5	3.2	Y
Background-01 @ 5.5' (40.477100 / -104.448725)	09/07/21	5.5	0.1	Y
SB-01 @ 5-7.5' (40.477388 / -104.448757)	11/12/21	5-7.5	5.4	Y
SB-01 @ 7.5-10' (40.477388 / -104.448757)	11/12/21	7.5-10	9.7	Y
SB-01 @ 22.5-25' (40.477388 / -104.448757)	11/12/21	22.5-25	2.4	Y
SB-02 @ 5-7.5' (40.477268 / -104.448796)	11/12/21	5-7.5	15.2	Y

TABLE 1
PID READING SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIALTION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
SB-02 @ 7.5-10' (40.477268 / -104.448796)	11/12/21	7.5-10	14.4	Y
SB-02 @ 22.5-25' (40.477268 / -104.448796)	11/12/21	22.5-25	5.1	Y
SB-03 @ 5-7.5' (40.477251 / -104.448918)	11/12/21	5-7.5	10.3	Y
SB-03 @ 7.5-10' (40.477251 / -104.448918)	11/12/21	7.5-10	11.9	Y
SB-03 @ 20-22.5' (40.477251 / -104.448918)	11/12/21	20-22.5	1.0	Y
SB-04 @ 5-7.5' (40.477412 / -104.448773)	11/12/21	5-7.5	6.4	Y
SB-04 @ 7.5-10' (40.477412 / -104.448773)	11/12/21	7.5-10	3.9	Y
SB-05 @ 5-7.5' (40.477383 / -104.448810)	11/12/21	5-7.5	5.4	Y
SB-05 @ 7.5-10' (40.477383 / -104.448810)	11/12/21	7.5-10	3.0	Y
SB-06 @ 5-7.5' (40.477378 / -104.448686)	11/12/21	5-7.5	4.2	Y
SB-06 @ 7.5-10' (40.477378 / -104.448686)	11/12/21	7.5-10	2.1	Y
SB-07 @ 5-7.5' (40.477332 / -104.448691)	11/12/21	5-7.5	5.2	Y
SB-07 @ 7.5-10' (40.477332 / -104.448691)	11/12/21	7.5-10	3.5	Y
SB-08 @ 5-7.5' (40.477348 / -104.448740)	11/12/21	5-7.5	4.2	Y
SB-08 @ 7.5-10' (40.477348 / -104.448740)	11/12/21	7.5-10	3.5	Y
SB-09 @ 5-7.5' (40.477350 / -104.448862)	11/12/21	5-7.5	5.3	Y
SB-09 @ 7.5-10' (40.477350 / -104.448862)	11/12/21	7.5-10	4.0	Y
SB-10 @ 5-7.5' (40.477292 / -104.448952)	11/12/21	5-7.5	8.7	Y
SB-10 @ 7.5-10' (40.477292 / -104.448952)	11/12/21	7.5-10	7.3	Y
SB-11 @ 5-7.5' (40.477284 / -104.448848)	11/12/21	5-7.5	3.5	Y
SB-11 @ 7.5-10' (40.477284 / -104.448848)	11/12/21	7.5-10	3.2	Y
SB-12 @ 5-7.5' (40.477258 / -104.449010)	11/12/21	5-7.5	6.9	Y
SB-12 @ 7.5-10' (40.477258 / -104.449010)	11/12/21	7.5-10	5.7	Y
SB-13 @ 5-7.5' (40.477225 / -104.448957)	11/12/21	5-7.5	7.3	Y
SB-13 @ 7.5-10' (40.477225 / -104.448957)	11/12/21	7.5-10	5.2	Y

TABLE 1
PID READING SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIALTION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
SB-14 @ 5-7.5' (40.477170 / -104.448850)	11/12/21	5-7.5	6.2	Y
SB-14 @ 7.5-10' (40.477170 / -104.448850)	11/12/21	7.5-10	5.0	Y
SB-15 @ 5-7.5' (40.477188 / -104.448696)	11/12/21	5-7.5	8.0	Y
SB-15 @ 7.5-10' (40.477188 / -104.448696)	11/12/21	7.5-10	3.2	Y
SB-16 @ 5-7.5' (40.477161 / -104.448740)	11/12/21	5-7.5	7.5	Y
SB-16 @ 7.5-10' (40.477161 / -104.448740)	11/12/21	7.5-10	5.6	Y
SB-17 @ 5-7.5' (40.477150 / -104.448789)	11/12/21	5-7.5	7.5	Y
SB-17 @ 7.5-10' (40.477150 / -104.448789)	11/12/21	7.5-10	4.7	Y
SB-18 @ 5-7.5' (40.477144 / -104.448836)	11/12/21	5-7.5	4.5	Y
SB-18 @ 7.5-10' (40.477144 / -104.448836)	11/12/21	7.5-10	3.0	Y
Background-02 @ 5-7.5' (40.477442 / -104.448649)	11/12/21	5-7.5	NA	Y
Background-03 @ 5-7.5' (40.477147 / -104.448610)	11/12/21	5-7.5	NA	Y
Background-04 @ 5-7.5' (40.477083 / -104.448883)	11/12/21	5-7.5	NA	Y
Background-05 @ 5-7.5' (40.477375 / -104.449100)	11/12/21	5-7.5	NA	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector				
NA - Not Analyzed				

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIAION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
ECMC Table 915-1 Residential Screening Levels (mg/kg)				1.2	490	5.8	58	500			30	27	2	<4	6-8.3	<6
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.0026	0.69	0.78	9.9	--			0.0081	0.0087	--	--	--	--
SS-13 @ 4' (40.477346 / -104.448760)	08/26/21	4	91.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.358	0.822	8.18	1.71
SS-14 @ 4.5' (40.477321 / -104.448726)	08/26/21	4.5	8.3	<0.00200	0.00368	<0.00200	0.00718	<0.200	<50.0	<200	<0.00200	<0.00200	0.443	1.39	8.05	2.35
SS-15 @ 4.5' (40.477287 / -104.448724)	08/26/21	4.5	6.4	<0.00200	0.00264	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.240	0.622	8.22	1.75
SS-16 @ 4.5' (40.477256 / -104.448745)	08/26/21	4.5	5.7	<0.00200	0.00326	<0.00200	0.00660	<0.200	<50.0	<200	<0.00200	<0.00200	0.198	0.351	8.37	1.57
SS-17 @ 4.5' (40.477255 / -104.448768)	08/26/21	4.5	21.7	<0.00200	0.00244	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	<0.202	0.611	8.18	1.66
SS-19 @ 4.5' (40.477233 / -104.448851)	08/26/21	4.5	14.5	<0.00200	0.00244	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.263	1.90	8.05	1.44
SS-20 @ 4.5' (40.477240 / -104.448899)	08/26/21	4.5	14.1	<0.00200	0.00312	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.238	0.848	8.25	3.30
SS-21 @ 4.5' (40.477281 / -104.448888)	08/26/21	4.5	8.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.499	3.44	7.93	2.20
SS-22 @ 4.5' (40.477311 / -104.448849)	08/26/21	4.5	9.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.341	2.18	8.01	2.22
SS-23 @ 4.5' (40.477340 / -104.448813)	08/26/21	4.5	17.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.378	1.28	8.15	2.56
FS-01 @ 5.5' (40.477324 / -104.448779)	08/26/21	5.5	112.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.221	1.05	8.12	2.24
FS-02 @ 5.5' (40.477304 / -104.448882)	08/26/21	5.5	82.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.581	6.63	7.91	7.65
FS-03 @ 5.5' (40.477262 / -104.448868)	08/26/21	5.5	122.7	<0.00200	<0.00200	<0.00200	<0.00200	0.415	<50.0	<200	0.00378	<0.00200	0.637	5.57	7.83	6.57
FS-04 @ 5.5' (40.477281 / -104.448755)	08/26/21	5.5	14.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<50.0	<200	<0.00200	<0.00200	0.219	1.59	8.07	2.36
FS-06 @ 6.5' (40.477243 / -104.448785)	08/31/21	6.5	23.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.256	1.70	8.10	2.39
SS-24 @ 5' (40.477225 / -104.448812)	08/31/21	5	5.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.201	1.06	8.24	1.57
SS-25 @ 5' (40.477219 / -104.448793)	08/31/21	5	22.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.256	4.02	8.08	8.40
SS-26 @ 5' (40.477219 / -104.448766)	08/31/21	5	18.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	<0.197	1.08	8.12	0.646
SS-27 @ 5' (40.477233 / -104.448751)	08/31/21	5	21.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	<0.201	1.16	8.15	1.06
SS-32 @ 0.25' (40.477290 / -104.448670)	08/31/21	0.25	12.3	<0.00200	<0.00200	<0.00200	0.00244	0.747	158	<100	0.00982*	0.00462	0.433	1.54	7.90	1.81
SS-33 @ 0.25' (40.477378 / -104.448801)	08/31/21	0.25	4.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.678	0.837	7.76	1.46
SS-34 @ 0.25' (40.477250 / -104.448950)	08/31/21	0.25	4.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.456	3.05	7.82	2.15
SS-35 @ 0.25' (40.477167 / -104.448789)	08/31/21	0.25	3.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.690	2.15	7.40	0.987

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
ECMC Table 915-1 Residential Screening Levels (mg/kg)				1.2	490	5.8	58	500			30	27	2	<4	6-8.3	<6
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.0026	0.69	0.78	9.9	--			0.0081	0.0087	--	--	--	--
Stockpile-01 @ 0.25' (40.477208 / -104.448681)	08/31/21	0.25	5.2	<0.00200	0.00396	0.00214	0.0200	0.679	50.0	<100	0.0151*	0.00366	0.683	0.906	7.70	1.19
SS-36 @ 0.25-0.5' (40.477289 / -104.448671)	09/01/21	0.25-0.5	1.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.537	0.549	7.58	0.950
Stockpile-02 @ 0.25-0.5' (40.477208 / -104.448681)	09/01/21	0.25-0.5	3.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.462	0.589	7.49	1.38
Background-01 @ 5.5' (40.477100 / -104.448725)	09/07/21	5.5	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.79	7.78	3.02
SB-01 @ 5-7.5' (40.477388 / -104.448757)	11/12/21	5-7.5	5.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.261	4.04	7.67	4.00
SB-01 @ 7.5-10' (40.477388 / -104.448757)	11/12/21	7.5-10	9.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.457	1.38	7.87	2.95
SB-01 @ 22.5-25' (40.477388 / -104.448757)	11/12/21	22.5-25	2.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	<0.202	0.950	7.75	2.52
SB-02 @ 5-7.5' (40.477268 / -104.448796)	11/12/21	5-7.5	15.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.316	2.68	7.75	2.99
SB-02 @ 7.5-10' (40.477268 / -104.448796)	11/12/21	7.5-10	14.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.238	3.79	7.69	2.94
SB-02 @ 22.5-25' (40.477268 / -104.448796)	11/12/21	22.5-25	5.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.284	0.958	7.72	2.60
SB-03 @ 5-7.5' (40.477251 / -104.448918)	11/12/21	5-7.5	10.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.517	5.21	7.63	6.56
SB-03 @ 7.5-10' (40.477251 / -104.448918)	11/12/21	7.5-10	11.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.632	3.94	7.64	3.69
SB-03 @ 20-22.5' (40.477251 / -104.448918)	11/12/21	20-22.5	1.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	<0.200	1.03	8.02	2.29
SB-04 @ 5-7.5' (40.477412 / -104.448773)	11/12/21	5-7.5	6.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.240	3.92	7.85	3.73
SB-04 @ 7.5-10' (40.477412 / -104.448773)	11/12/21	7.5-10	3.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.396	1.63	7.72	2.71
SB-05 @ 5-7.5' (40.477383 / -104.448810)	11/12/21	5-7.5	5.4	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.323	4.50	7.64	3.56
SB-05 @ 7.5-10' (40.477383 / -104.448810)	11/12/21	7.5-10	3.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.378	4.04	7.80	3.91
SB-06 @ 5-7.5' (40.477378 / -104.448686)	11/12/21	5-7.5	4.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.551	3.84	7.72	4.24
SB-06 @ 7.5-10' (40.477378 / -104.448686)	11/12/21	7.5-10	2.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	<0.200	1.15	8.01	2.70
SB-07 @ 5-7.5' (40.477332 / -104.448691)	11/12/21	5-7.5	5.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.365	1.89	7.96	4.48
SB-07 @ 7.5-10' (40.477332 / -104.448691)	11/12/21	7.5-10	3.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.217	3.34	7.67	3.37
SB-08 @ 5-7.5' (40.477348 / -104.448740)	11/12/21	5-7.5	4.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.242	3.38	7.71	2.69
SB-08 @ 7.5-10' (40.477348 / -104.448740)	11/12/21	7.5-10	3.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.280	2.16	7.75	2.99
SB-09 @ 5-7.5' (40.477350 / -104.448862)	11/12/21	5-7.5	5.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.445	5.27	7.67	4.90

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
ECMC Table 915-1 Residential Screening Levels (mg/kg)				1.2	490	5.8	58	500			30	27	2	<4	6-8.3	<6
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.0026	0.69	0.78	9.9	--			0.0081	0.0087	--	--	--	--
SB-09 @ 7.5-10' (40.477350 / -104.448862)	11/12/21	7.5-10	4.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.415	2.66	7.87	3.61
SB-10 @ 5-7.5' (40.477292 / -104.448952)	11/12/21	5-7.5	8.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.299	4.20	7.62	3.47
SB-10 @ 7.5-10' (40.477292 / -104.448952)	11/12/21	7.5-10	7.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.220	0.563	7.98	2.68
SB-11 @ 5-7.5' (40.477284 / -104.448848)	11/12/21	5-7.5	3.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.325	3.75	7.78	3.82
SB-11 @ 7.5-10' (40.477284 / -104.448848)	11/12/21	7.5-10	3.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.379	2.22	7.74	2.74
SB-12 @ 5-7.5' (40.477258 / -104.449010)	11/12/21	5-7.5	6.9	<0.00200	<0.00200	<0.00200	<0.00200	3.92	<25.0	<100	<0.00200	<0.00200	0.299	3.11	7.80	2.91
SB-12 @ 7.5-10' (40.477258 / -104.449010)	11/12/21	7.5-10	5.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.763	3.19	7.86	6.22
SB-13 @ 5-7.5' (40.477225 / -104.448957)	11/12/21	5-7.5	7.3	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.555	5.38	7.69	6.53
SB-13 @ 7.5-10' (40.477225 / -104.448957)	11/12/21	7.5-10	5.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.222	2.10	7.91	3.46
SB-14 @ 5-7.5' (40.477170 / -104.448850)	11/12/21	5-7.5	6.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.719	3.17	7.99	4.36
SB-14 @ 7.5-10' (40.477170 / -104.448850)	11/12/21	7.5-10	5.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.342	3.20	7.87	2.52
SB-15 @ 5-7.5' (40.477188 / -104.448696)	11/12/21	5-7.5	8.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.722	2.82	8.00	4.61
SB-15 @ 7.5-10' (40.477188 / -104.448696)	11/12/21	7.5-10	3.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.394	2.17	7.92	2.82
SB-16 @ 5-7.5' (40.477161 / -104.448740)	11/12/21	5-7.5	7.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.537	3.10	8.01	3.13
SB-16 @ 7.5-10' (40.477161 / -104.448740)	11/12/21	7.5-10	5.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.380	2.16	7.59	2.49
SB-17 @ 5-7.5' (40.477150 / -104.448789)	11/12/21	5-7.5	7.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.284	1.62	7.87	3.00
SB-17 @ 7.5-10' (40.477150 / -104.448789)	11/12/21	7.5-10	4.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.277	1.85	7.87	3.19
SB-18 @ 5-7.5' (40.477144 / -104.448836)	11/12/21	5-7.5	4.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.364	1.89	7.99	4.53
SB-18 @ 7.5-10' (40.477144 / -104.448836)	11/12/21	7.5-10	3.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00200	<0.00200	0.298	1.94	7.90	3.19
Background-02 @ 5-7.5' (40.477442 / -104.448649)	11/12/21	5-7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.260	2.30	8.02	4.10
Background-03 @ 5-7.5' (40.477147 / -104.448610)	11/12/21	5-7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.199	2.12	8.03	4.89
Background-04 @ 5-7.5' (40.477083 / -104.448883)	11/12/21	5-7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.318	3.36	7.87	3.70

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-RRO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	Boron (mg/L)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
ECMC Table 915-1 Residential Screening Levels (mg/kg)				1.2	490	5.8	58	500			30	27	2	<4	6-8.3	<6
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.0026	0.69	0.78	9.9	--			0.0081	0.0087	--	--	--	--
Background-05 @ 5-7.5' (40.477375 / -104.449100)	11/12/21	5-7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.198	0.817	8.23	2.78
ECMC = Energy & Carbon Management Commission mg/kg = milligrams per kilogram PID = Photoionization Detector mmhos/cm = millimhos per centimeter mg/L = milligrams per liter TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics Notes: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit and/or minimum detection limit. Values presented in BOLD exceed ECMC Table 915-1 Regulatory Limits and applicable Local Clean-up Levels. Values presented with asterisk (*) exceed ECMC Table 915-1 GSSLs, only.																

TABLE 3
PAH ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm- v)	1-Methyl- naphthalene (mg/kg)	2-Methyl- naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)- pyrene (mg/kg)	Benzo(b)- fluoranthene (mg/kg)	Benzo(k)- fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)- anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3- cd)-pyrene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC Table 915-1 Residential Screening Levels				18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	2	180
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.006	0.019	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	0.0038	1.3
SS-13 @ 4' (40.477346 / -104.448760)	08/26/21	4	91.6	0.000849	0.00124	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000249	<0.00067	<0.00067	0.000637	<0.00067	<0.00067	<0.00067
SS-14 @ 4.5' (40.477321 / -104.448726)	08/26/21	4.5	8.3	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-15 @ 4.5' (40.477287 / -104.448724)	08/26/21	4.5	6.4	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-16 @ 4.5' (40.477256 / -104.448745)	08/26/21	4.5	5.7	0.000489	0.00119	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000479	<0.00067
SS-17 @ 4.5' (40.477256 / -104.448745)	08/26/21	4.5	21.7	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-19 @ 4.5' (40.477233 / -104.448851)	08/26/21	4.5	14.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-20 @ 4.5' (40.477340 / -104.448899)	08/26/21	4.5	14.1	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-21 @ 4.5' (40.477321 / -104.448888)	08/26/21	4.5	8.6	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-22 @ 4.5' (40.477311 / -104.448849)	08/26/21	4.5	9.9	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-23 @ 4.5' (40.477340 / -104.448813)	08/26/21	4.5	17.8	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
FS-01 @ 5.5' (40.477324 / -104.448779)	08/26/21	5.5	112.4	0.00326	0.00443	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.0009	<0.00067	<0.00067	0.00178	<0.00067	<0.00067	<0.00067
FS-02 @ 5.5' (40.477304 / -104.44882)	08/26/21	5.5	82.5	0.00168	0.00239	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.00338	<0.00067	<0.00067	0.000704	<0.00067	<0.00067	<0.00067
FS-03 @ 5.5' (40.477362 / -104.448868)	08/26/21	5.5	122.7	0.00579	0.00776	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.00112	<0.00067	<0.00067	0.00296	<0.00067	0.00101	<0.00067
FS-04 @ 5.5' (40.477381 / -104.448755)	08/26/21	5.5	14.8	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
FS-06 @ 6.5' (40.477343 / -104.448785)	08/31/21	6.5	23.6	<0.00067	0.000721	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-24 @ 5' (40.477325 / -104.448812)	08/31/21	5	5.5	0.000616	0.00187	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000837	<0.00067
SS-25 @ 5' (40.477319 / -104.448793)	08/31/21	5	22.0	<0.00067	0.000721	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-26 @ 5' (40.477319 / -104.448766)	08/31/21	5	18.0	<0.00067	0.000721	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-27 @ 5' (40.477333 / -104.448751)	08/31/21	5	21.1	<0.00067	0.000721	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SS-32 @ 0.25' (40.477290 / -104.448670)	08/31/21	0.25	12.3	0.122*	0.133*	0.012	0.00198	0.00365	0.000915	0.000519	<0.00067	0.00981	0.000446	<0.00067	0.0384	0.000351	0.0165*	0.00398
SS-33 @ 0.25' (40.477378 / -104.448801)	08/31/21	0.25	4.2	0.0276*	0.0411*	0.00284	<0.00067	0.000484	0.000588	0.000347	<0.00067	0.0031	<0.00067	<0.00067	0.00882	<0.00067	0.00282	0.00108
SS-34 @ 0.25' (40.477250 / -104.448950)	08/31/21	0.25	4.0	0.000912	0.00148	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000497	<0.00067	<0.00067	0.000852	<0.00067	<0.00067	<0.00067
SS-35 @ 0.25' (40.477167 / -104.448789)	08/31/21	0.25	3.5	0.00556	0.00901	<0.00067	<0.00067	<0.00067	0.00114	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
Stockpile-01 @ 0.25' (40.477308 / -104.448681)	08/31/21	0.25	5.2	0.093*	0.114*	0.00603	0.000923	0.000947	0.001700	0.00172	<0.00067	0.00735	<0.00067	0.00104	0.0197	0.000998	0.0235*	0.00274
SS-36 @ 0.25-0.5' (40.477389 / -104.448671)	09/01/21	0.25-0.5	1.2	0.00191	0.00283	<0.00067	<0.00067	<0.00067	0.00033	<0.00067	<0.00067	0.0007	<0.00067	<0.00067	0.00101	<0.00067	<0.00067	<0.00067
Stockpile-02 @ 0.25-0.5' (40.477308 / -104.448681)	09/01/21	0.25-0.5	3.2	0.00182	0.00265	<0.00067	<0.00067	<0.00067	0.000287	0.000332	<0.00067	0.000328	<0.00067	<0.00067	0.000673	<0.00067	<0.00067	<0.00067
SB-01 @ 5-7.5' (40.477388 / -104.448757)	11/12/21	5-7.5	5.4	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-01 @ 7.5-10' (40.477388 / -104.448757)	11/12/21	7.5-10	9.7	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-01 @ 22.5-25' (40.477388 / -104.448757)	11/12/21	22.5-25	2.4	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000214	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-02 @ 5-7.5' (40.477368 / -104.448796)	11/12/21	5-7.5	15.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-02 @ 7.5-10' (40.477368 / -104.448796)	11/12/21	7.5-10	14.4	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-02 @ 22.5-25' (40.477368 / -104.448796)	11/12/21	22.5-25	5.1	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000226	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-03 @ 5-7.5' (40.477251 / -104.448918)	11/12/21	5-7.5	10.3	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-03 @ 7.5-10' (40.477251 / -104.448918)	11/12/21	7.5-10	11.9	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067

TABLE 3
PAH ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm- v)	1-Methyl- naphthalene (mg/kg)	2-Methyl- naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)- pyrene (mg/kg)	Benzo(b)- fluoranthene (mg/kg)	Benzo(k)- fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)- anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3- cd)-pyrene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
ECMC Table 915-1 Residential Screening Levels				18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	2	180
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels				0.006	0.019	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	0.0038	1.3
SB-03 @ 20-22.5' (40.477251 / -104.448918)	11/12/21	20-22.5	1.0	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-04 @ 5-7.5' (40.477412 / -104.448773)	11/12/21	5-7.5	6.4	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-04 @ 7.5-10' (40.477412 / -104.448773)	11/12/21	7.5-10	3.9	<0.00067	0.000565	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000515	<0.00067
SB-05 @ 5-7.5' (40.477383 / -104.448810)	11/12/21	5-7.5	5.4	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-05 @ 7.5-10' (40.477383 / -104.448810)	11/12/21	7.5-10	3.0	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-06 @ 5-7.5' (40.477378 / -104.448606)	11/12/21	5-7.5	4.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-06 @ 7.5-10' (40.477378 / -104.448606)	11/12/21	7.5-10	2.1	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-07 @ 5-7.5' (40.477332 / -104.448591)	11/12/21	5-7.5	5.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-07 @ 7.5-10' (40.477332 / -104.448591)	11/12/21	7.5-10	3.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-08 @ 5-7.5' (40.477348 / -104.448740)	11/12/21	5-7.5	4.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-08 @ 7.5-10' (40.477348 / -104.448740)	11/12/21	7.5-10	3.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-09 @ 5-7.5' (40.477350 / -104.448862)	11/12/21	5-7.5	5.3	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-09 @ 7.5-10' (40.477350 / -104.448862)	11/12/21	7.5-10	4.0	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-10 @ 5-7.5' (40.477292 / -104.448592)	11/12/21	5-7.5	8.7	0.00172	0.0018	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000331	<0.00067	0.00112	<0.00067	<0.00067	<0.00067	<0.00067
SB-10 @ 7.5-10' (40.477292 / -104.448592)	11/12/21	7.5-10	7.3	0.000684	0.000754	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000464	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-11 @ 5-7.5' (40.477284 / -104.448848)	11/12/21	5-7.5	3.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-11 @ 7.5-10' (40.477284 / -104.448848)	11/12/21	7.5-10	3.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-12 @ 5-7.5' (40.477258 / -104.449010)	11/12/21	5-7.5	6.9	0.00207	0.00193	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000476	<0.00067	0.00149	<0.00067	<0.00067	<0.00067	<0.00067
SB-12 @ 7.5-10' (40.477258 / -104.449010)	11/12/21	7.5-10	5.7	0.001	0.00119	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000286	0.00144	0.000396	0.00222	<0.00067	<0.00067	<0.00067
SB-13 @ 5-7.5' (40.477225 / -104.448957)	11/12/21	5-7.5	7.3	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-13 @ 7.5-10' (40.477225 / -104.448957)	11/12/21	7.5-10	5.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000682	0.00062	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-14 @ 5-7.5' (40.477170 / -104.448850)	11/12/21	5-7.5	6.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-14 @ 7.5-10' (40.477170 / -104.448850)	11/12/21	7.5-10	5.0	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-15 @ 5-7.5' (40.477188 / -104.448606)	11/12/21	5-7.5	8.0	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-15 @ 7.5-10' (40.477188 / -104.448606)	11/12/21	7.5-10	3.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-16 @ 5-7.5' (40.477161 / -104.448740)	11/12/21	5-7.5	7.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-16 @ 7.5-10' (40.477161 / -104.448740)	11/12/21	7.5-10	5.6	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-17 @ 5-7.5' (40.477150 / -104.448789)	11/12/21	5-7.5	7.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-17 @ 7.5-10' (40.477150 / -104.448789)	11/12/21	7.5-10	4.7	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-18 @ 5-7.5' (40.477144 / -104.448836)	11/12/21	5-7.5	4.5	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067
SB-18 @ 7.5-10' (40.477144 / -104.448836)	11/12/21	7.5-10	3.0	<0.00067	<0.00067	<0.00067	0.000585	0.00482	0.00275	0.00705	0.00259	0.00532	<0.00067	0.00138	<0.00067	0.00409	<0.00067	0.000804

ECMC = Energy & Carbon Management Commission
mg/kg = milligrams per kilogram ppm-v = parts per million by volume MDL - Minimum Detection Limit
Notes:
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit and/or minimum detection limit.
Values presented in **BOLD** exceed ECMC Table 915-1 Regulatory Limits and applicable Local Clean-up Levels.
Values presented with asterisk (*) exceed ECMC Table 915-1 GSSLs, only.

TABLE 4
METAL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Residential Screening Levels			0.68	15,000	71	0.3**	3,100	400	1,500	390	390	23,000
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels			0.29	82	0.38	0.00067**	46	14	26	0.26	0.8	370
Local Clean-up Level			2.34	145	--	--	--	--	--	--	--	--
SS-13 @ 4' (40.477346 / -104.448760)	08/26/21	4	2.12	51.1	0.0710	<0.244**	3.26	4.04	3.4	0.191	0.0137	16.8
SS-14 @ 4.5' (40.477321 / -104.448726)	08/26/21	4.5	1.70	68.4	0.0893	<0.244**	3.66	4.42	3.6	0.187	0.018	17.8
SS-15 @ 4.5' (40.477287 / -104.448724)	08/26/21	4.5	1.34	56.8	0.0766	<0.244**	3.26	5.07	3.36	0.174	0.0138	15.9
SS-16 @ 4.5' (40.477256 / -104.448745)	08/26/21	4.5	1.46	64.7	0.0764	<0.249**	3.13	4.09	3.27	0.164	0.0122	15.7
SS-17 @ 4.5' (40.477255 / -104.448768)	08/26/21	4.5	1.47	47.7	0.186	<0.25**	3.39	4.1	3.42	0.116	0.0267	16.9
SS-19 @ 4.5' (40.477233 / -104.448851)	08/26/21	4.5	1.53	33	0.0559	<0.244**	2.64	3.38	2.76	0.11	0.0103	14.4
SS-20 @ 4.5' (40.477240 / -104.448899)	08/26/21	4.5	1.83	38.5	0.0809	<0.245**	3.48	4.09	3.47	0.103	0.0129	16.5
SS-21 @ 4.5' (40.477281 / -104.448888)	08/26/21	4.5	1.97	30.9	0.0705	<0.244**	3.05	5.29	3.27	<0.103	0.0094	15.2
SS-22 @ 4.5' (40.477311 / -104.448849)	08/26/21	4.5	1.65	34.2	0.0567	<0.244**	2.44	3.4	2.61	0.126	0.007	13.5
SS-23 @ 4.5' (40.477340 / -104.448813)	08/26/21	4.5	1.55	36.8	0.0528	<0.244**	2.77	3.33	2.9	0.149	0.0103	14.2
FS-01 @ 5.5' (40.477324 / -104.448779)	08/26/21	5.5	1.77	35	0.593*	<0.251**	2.83	3.78	3.15	<0.103	0.011	15.2
FS-02 @ 5.5' (40.477304 / -104.44882)	08/26/21	5.5	2.36	104*	0.139	<0.244**	5.31	6.83	6.03	0.171	0.0284	27
FS-03 @ 5.5' (40.477262 / -104.448868)	08/26/21	5.5	2.53	239*	0.197	<0.488**	8.72	8.86	8.34	0.208	0.0456	39.7
FS-04 @ 5.5' (40.477281 / -104.448755)	08/26/21	5.5	1.84	61.9	0.0771	<0.251**	3.84	5.54	4.2	0.185	0.0146	19.8
FS-06 @ 6.5' (40.477243 / -104.448785)	08/31/21	6.5	1.76	74	0.102	<0.244**	4.1	5.54	4.36	0.168	0.0226	22
SS-24 @ 5' (40.477225 / -104.448812)	08/31/21	5	1.73	83.3*	0.0773	<0.244**	3.49	4.77	3.27	0.147	0.014	16.4
SS-25 @ 5' (40.477219 / -104.448793)	08/31/21	5	1.88	95.1*	0.101	<0.244**	4.58	6.02	4.63	0.159	0.019	22.3
SS-26 @ 5' (40.477219 / -104.448766)	08/31/21	5	2.05	42.6	0.109	<0.244**	3.65	4.31	3.59	0.198	0.0158	18
SS-27 @ 5' (40.477233 / -104.448751)	08/31/21	5	1.78	39.2	0.0735	<0.246**	3.64	4.58	3.83	0.189	0.0143	18.6
SS-32 @ 0.25' (40.477290 / -104.448670)	08/31/21	0.25	1.49	92.4*	0.0825	<0.244**	3.79	4.04	3.3	0.155	0.0116	17.1
SS-33 @ 0.25' (40.477378 / -104.448801)	08/31/21	0.25	1.84	173*	0.119	<0.488**	6.59	5.87	4.04	0.246	0.0219	31.1

TABLE 4
METAL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIAION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Residential Screening Levels			0.68	15,000	71	0.3**	3,100	400	1,500	390	390	23,000
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels			0.29	82	0.38	0.00067**	46	14	26	0.26	0.8	370
Local Clean-up Level			2.34	145	--	--	--	--	--	--	--	--
SS-34 @ 0.25' (40.477250 / -104.448950)	08/31/21	0.25	3.59	48.8	0.137	<0.252**	7.6	11.2	6.7	0.242	0.0272	35.3
SS-35 @ 0.25' (40.477167 / -104.448789)	08/31/21	0.25	1.62	175*	0.078	<0.488**	4.29	6.79	2.99	0.227	0.0139	23.6
Stockpile-01 @ 0.25' (40.477208 / -104.448681)	08/31/21	0.25	1.96	1380*	0.172	<0.502**	8.62	5.94	5.23	0.317*	0.0319	38.3
SS-36 @ 0.25-0.5' (40.477289 / -104.448671)	09/01/21	0.25-0.5	1.61	42.7	0.115	<2.48**	5.37	4.83	3.82	0.219	0.0194	27.5
Stockpile-02 @ 0.25-0.5' (40.477208 / -104.448681)	09/01/21	0.25-0.5	1.65	93*	0.116	<1.22**	5.6	9.5	3.48	0.191	0.0186	26.2
Background-01 @ 5.5' (40.477100 / -104.448725)	09/07/21	5.5	1.57	45.8	0.0679	<0.244**	2.77	3.36	3.19	<0.103	0.0134	14.7
SB-01 @ 5-7.5' (40.477388 / -104.448757)	11/12/21	5-7.5	1.31	59.7	0.0749	<0.244**	2.85	3.97	3.39	<0.103	0.0154	15.6
SB-01 @ 7.5-10' (40.477388 / -104.448757)	11/12/21	7.5-10	1.58	65.4	0.0855	<0.492**	4.15	4.93	4.47	<0.103	0.0223	21.8
SB-01 @ 22.5-25' (40.477388 / -104.448757)	11/12/21	22.5-25	1.14	116*	0.127	<0.244**	6.25	6.64	5.19	<0.103	0.0305	24.6
SB-02 @ 5-7.5' (40.477268 / -104.448796)	11/12/21	5-7.5	2.29	147*	0.176	<1.22**	7.48	7.92	7.51	0.114	0.0366	35.9
SB-02 @ 7.5-10' (40.477268 / -104.448796)	11/12/21	7.5-10	2.11	82.6*	0.218	<0.507**	8.81	9.23	8.66	<0.103	0.0447	42.7
SB-02 @ 22.5-25' (40.477268 / -104.448796)	11/12/21	22.5-25	0.873	95.6*	0.101	<1.22**	9.6	7.69	6.57	<0.103	0.039	39.6
SB-03 @ 5-7.5' (40.477251 / -104.448918)	11/12/21	5-7.5	1.71	95.1*	0.0977	<0.492**	4.59	5.48	5.08	<0.103	0.0151	24
SB-03 @ 7.5-10' (40.477251 / -104.448918)	11/12/21	7.5-10	1.54	66.5	0.179	<0.488**	7.64	8.41	7.7	<0.103	0.0397	36.6
SB-03 @ 20-22.5' (40.477251 / -104.448918)	11/12/21	22.5-25	1.99	21.2	0.0571	<0.248**	2.09	3.1	2.31	<0.103	<0.0067	9.86
SB-04 @ 5-7.5' (40.477412 / -104.448773)	11/12/21	5-7.5	1.85	61.4	0.0907	<0.246**	3.43	4.67	3.84	<0.103	0.0152	18.6
SB-04 @ 7.5-10' (40.477412 / -104.448773)	11/12/21	7.5-10	1.75	62.5	0.0894	<0.497**	3.75	5.25	4.19	0.133	0.0216	20
SB-05 @ 5-7.5' (40.477383 / -104.448810)	11/12/21	5-7.5	2.51	69	0.182	<0.488**	6.96	8.15	7.5	0.131	0.0327	35.6
SB-05 @ 7.5-10' (40.477383 / -104.448810)	11/12/21	7.5-10	1.62	74.6	0.0763	<0.244**	3.38	4.47	3.61	0.132	0.0178	18.4
SB-06 @ 5-7.5' (40.477378 / -104.448686)	11/12/21	5-7.5	2.17	69.1	0.0857	<0.247**	4.19	5.22	4.27	0.139	0.0162	20.6
SB-06 @ 7.5-10' (40.477378 / -104.448686)	11/12/21	7.5-10	1.82	72	0.1	<0.488**	4.21	4.94	4.54	0.17	0.0209	21

TABLE 4
METAL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Residential Screening Levels			0.68	15,000	71	0.3**	3,100	400	1,500	390	390	23,000
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels			0.29	82	0.38	0.00067**	46	14	26	0.26	0.8	370
Local Clean-up Level			2.34	145	--	--	--	--	--	--	--	--
SB-07 @ 5-7.5' (40.477332 / -104.448691)	11/12/21	5-7.5	2.06	125*	0.136	<0.488**	5.34	6.46	5.54	0.176	0.0293	26.3
SB-07 @ 7.5-10' (40.477332 / -104.448691)	11/12/21	7.5-10	1.76	61.3	0.0953	<0.497**	4.29	4.97	4.15	0.155	0.0215	21.6
SB-08 @ 5-7.5' (40.477348 / -104.448740)	11/12/21	5-7.5	1.85	83.4*	0.0814	<0.502**	3.63	5.08	4.11	0.138	0.0161	20.1
SB-08 @ 7.5-10' (40.477348 / -104.448740)	11/12/21	7.5-10	1.84	53.9	0.182	<0.488**	8.73	9.11	8.38	0.175	0.0419	40.9
SB-09 @ 5-7.5' (40.477350 / -104.448862)	11/12/21	5-7.5	1.5	59.9	0.0916	<0.497**	3.66	4.88	4.27	0.159	0.0147	19.5
SB-09 @ 7.5-10' (40.477350 / -104.448862)	11/12/21	7.5-10	1.56	285*	0.223	<0.488**	8.88	9.49	8.41	0.197	0.0414	43.1
SB-10 @ 5-7.5' (40.477292 / -104.448952)	11/12/21	5-7.5	2.21	81.6	0.111	<0.488**	4.93	8.67	4.87	0.157	0.101	22.6
SB-10 @ 7.5-10' (40.477292 / -104.448952)	11/12/21	7.5-10	2.06	151*	0.103	<0.488**	5.03	6.19	5.4	0.122	0.0223	25.8
SB-11 @ 5-7.5' (40.477284 / -104.448848)	11/12/21	5-7.5	2.38	66.9	0.169	<0.502**	8.9	9.49	8.91	0.188	0.0364	42.6
SB-11 @ 7.5-10' (40.477284 / -104.448848)	11/12/21	7.5-10	2.27	152*	0.163	<0.488**	6.48	7.82	7.03	0.198	0.0314	32.1
SB-12 @ 5-7.5' (40.477258 / -104.449010)	11/12/21	5-7.5	1.8	83.5*	0.119	<0.244**	4.82	6.6	5.2	0.167	0.0223	24
SB-12 @ 7.5-10' (40.477258 / -104.449010)	11/12/21	7.5-10	1.91	57.4	0.11	<0.244**	4.63	5.54	4.77	0.177	0.0204	22.1
SB-13 @ 5-7.5' (40.477225 / -104.448957)	11/12/21	5-7.5	1.56	60	0.13	<0.244**	3.73	4.85	4.2	0.144	0.0264	20.6
SB-13 @ 7.5-10' (40.477225 / -104.448957)	11/12/21	7.5-10	1.64	86.3*	0.113	<0.244**	4.46	5.32	4.46	0.176	0.02	21.4
SB-14 @ 5-7.5' (40.477170 / -104.448850)	11/12/21	5-7.5	1.57	92.5*	0.109	<0.246**	4.37	5.49	4.87	0.149	0.0156	22.8
SB-14 @ 7.5-10' (40.477170 / -104.448850)	11/12/21	7.5-10	1.7	64.4	0.137	<0.488**	6.47	6.91	6.09	0.153	0.0321	31.1
SB-15 @ 5-7.5' (40.477188 / -104.448696)	11/12/21	5-7.5	1.78	48	0.0905	<0.244**	4.01	5.71	4.27	0.134	0.0196	20.7
SB-15 @ 7.5-10' (40.477188 / -104.448696)	11/12/21	7.5-10	1.76	87.7*	0.173	<0.492**	8.14	9.11	7.74	0.169	0.0423	41.1
SB-16 @ 5-7.5' (40.477161 / -104.448740)	11/12/21	5-7.5	1.65	69.3	0.0742	<0.246**	3.96	5.53	4.14	0.108	0.0167	20.7
SB-16 @ 7.5-10' (40.477161 / -104.448740)	11/12/21	7.5-10	1.84	88.1*	0.0985	<0.488**	4.58	5.51	4.71	0.137	0.0251	23

TABLE 4
METAL ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDATION # 20786

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Hexavalent Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Residential Screening Levels			0.68	15,000	71	0.3**	3,100	400	1,500	390	390	23,000
ECMC Table 915-1 Protection of Groundwater Soil Screening Levels			0.29	82	0.38	0.00067**	46	14	26	0.26	0.8	370
Local Clean-up Level			2.34	145	--	--	--	--	--	--	--	--
SB-17 @ 5-7.5' (40.477150 / -104.448789)	11/12/21	5-7.5	1.6	89.3*	0.0932	<0.488**	3.9	5.07	4.29	0.148	0.0176	21.9
SB-17 @ 7.5-10' (40.477150 / -104.448789)	11/12/21	7.5-10	1.57	58.5	0.113	<0.488**	4.54	5.43	4.99	0.154	0.0232	23.6
SB-18 @ 5-7.5' (40.477144 / -104.448836)	11/12/21	5-7.5	1.66	111*	0.0921	<0.488**	4.24	5	4.34	0.155	0.0177	22.9
SB-18 @ 7.5-10' (40.477144 / -104.448836)	11/12/21	7.5-10	1.65	71.9	0.113	<0.492**	5.09	5.7	5.25	0.123	0.0254	24.4
Background-02 @ 5-7.5' (40.477442 / -104.448649)	11/12/21	5-7.5	1.5	67.8	0.0859	<0.244**	3.81	4.95	4.33	<0.25	0.0192	19.8
Background-03 @ 5-7.5' (40.477147 / -104.448610)	11/12/21	5-7.5	1.62	67.8	0.0983	<0.25**	3.92	4.94	4.37	0.127	0.0206	20.3
Background-04 @ 5-7.5' (40.477083 / -104.448883)	11/12/21	5-7.5	1.79	65.6	0.0802	<0.252**	3.69	5.99	4.06	<0.25	0.0164	18.3
Background-05 @ 5-7.5' (40.477375 / -104.449100)	11/12/21	5-7.5	1.87	116*	0.112	<0.497**	5.11	6.19	5.46	<0.25	0.0274	23.7
ECMC = Energy & Carbon Management Commission mg/kg = milligrams per kilogram Notes: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit and/or minimum detection limit. Elevated metals are naturally occurring in Colorado. Local Clean-up Levels are 1.25*Background high concentrations where applicable. Values presented in BOLD exceed ECMC Table 915-1 Regulatory Limits and applicable Local Clean-up Levels. Values presented with asterisk (*) exceed ECMC Table 915-1 GSSLs, only. **Achievable practical quantitative limits for Hexavalent Chromium in soils is in the range of 0.1 to 1 mg/kg.												

TABLE 5
GROUNDWATER ANALYTICAL RESULTS SUMMARY
WELLS RANCH AA #21-04
WELLHEAD RELEASE
40.477227 / -104.448797
NW1/4 NW1/4 SEC.21 T6N R35W 6PM
WELD COUNTY, COLORADO
API # 05-123-26814
REMEDIATION # 20786

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- trimethylbenzene (µg/L)	1,3,5- trimethylbenzene (µg/L)
ECMC Table 915-1 Regulatory Limits (µg/L)		5	560	700	1400	140	67	67
SB-01-GW (40.477388 / -104.448757)	11/12/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00
SB-02-GW (40.477268 / -104.448796)	11/12/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00
SB-03-GW (40.477251 / -104.448918)	11/12/21	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00
ECMC = Energy & Carbon Management 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 ECMC - Regulatory Limits (Table 915-1)								

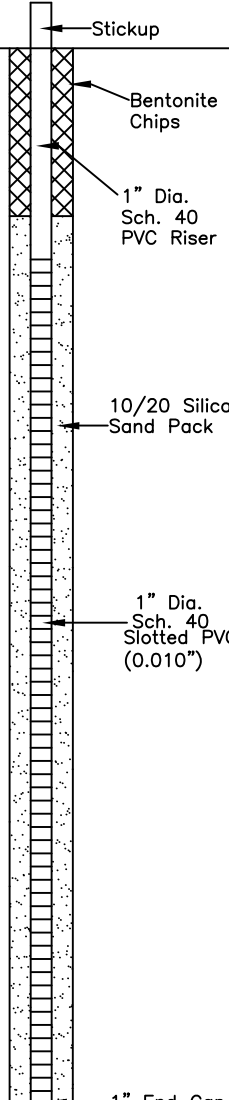


ATTACHMENT A

Soil Boring Log / Well Completion Diagrams

Boring Log/Well Completion Diagram: SB-01

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	(0-16') sandy CLAY - brown, dry to wet, soft to stiff, medium to high plasticity, poorly graded with ~15-30% sand, N/O, N/S	CL	DP	1	80	7.3	N/A	0		
						10.6				
5			DP	2	90	5.4	N/A	5		
						9.7				
10	@9' - wet @10-15' - decompression fractures		DP	3	100	4.8	N/A	10		
						7.9				
15	(16-22') clayey SAND - brown, wet, dense, fine to coarse grained, poorly graded ~15% clay and trace gravel, N/O, N/S		DP	4	90	6.5	N/A	15		
						3.2				
20			DP	5	100	2.6	N/A	20		
						2.4				
25	(22-25') sandy CLAY - brown, wet, stiff, low plasticity, poorly graded with ~15% fine grained sand, N/O, N/S @24' - coarse grained sand lens		DP	5	100	2.6	N/A	25		
						2.4				
30	BoB @ 25'								1" End Cap	DP - Direct Push 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: 11/12/21

SAND PACK INTERVAL (FEET): 4-25

PROJECT: WELLS RANCH AA #21-04

BENTONITE/GROUT INTERVAL (FEET): 0-4

LOGGED BY: B. WILKERSON

WELL SCREEN INTERVAL (FEET): 5-25

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 25

WELL DEPTH (FEET): 25

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 0939 / 0958

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7.5/0944, 7.5-10/0945, 22.5-25/0956

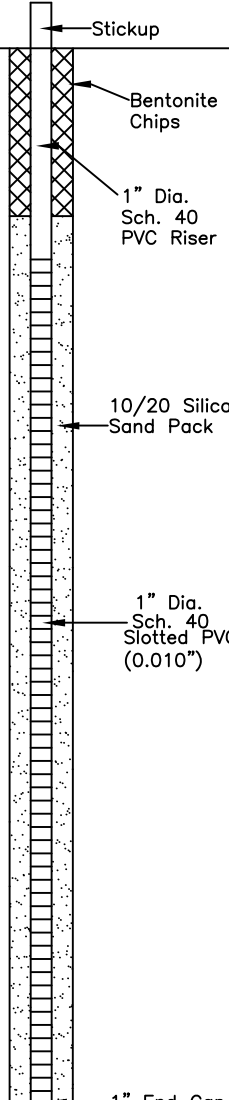


EAGLE
ENVIRONMENTAL
CONSULTING, INC.

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

Boring Log/Well Completion Diagram: SB-02

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	(0-25') sandy CLAY - brown, dry to wet, soft to stiff, low to high plasticity, poorly graded with ~15-30% sand, N/O, N/S @9' - wet	CL	DP	1	80	6.6	N/A	0		
						9.7				
5			DP	2	90	15.2	N/A	5		
						14.4				
10			DP	3	80	10.1	N/A	10		
						14.7				
15			DP	4	100	9.7	N/A	15		
						11.5				
20			DP	5	80	3.4	N/A	20		
						5.1				
25	@24' - coarse grained sand lens @25' - coarse grained sand lens							25		
	BoB @ 25'								1" End Cap	DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
30										

START/COMPLETION DATE: 11/12/21

SAND PACK INTERVAL (FEET): 4-25

PROJECT: WELLS RANCH AA #21-04

BENTONITE/GROUT INTERVAL (FEET): 0-4

LOGGED BY: B. WILKERSON

WELL SCREEN INTERVAL (FEET): 5-25

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 25

WELL DEPTH (FEET): 25

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1000 / 1026

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7.5/1008, 7.5-10/1009, 22.5-25/1020

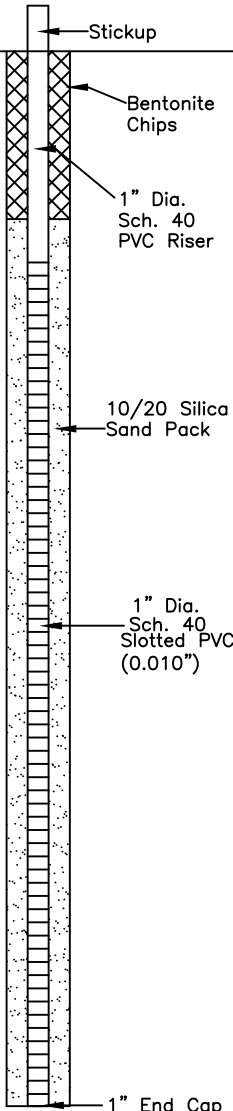


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Boring Log/Well Completion Diagram: SB-03

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	(0-19') sandy CLAY - brown to light brown, moist to wet, soft to stiff, low to high plasticity, poorly graded with ~15-40% sand, N/O, N/S @9' - wet	CL	DP	1	80	9.8	N/A				
						10.2					
5			DP	2	80	10.3	N/A				
						11.9					
10			DP	3	90	3.7	N/A				
						1.1					
15			DP	4	80	4.6	N/A				
						3.1					
20			(19-22.5') clayey SAND - light brown, wet, medium dense, fine to coarse grained, poorly graded ~15% clay, N/O, N/S	SC	DP	5	100			1.0	N/A
25			BoB @ 25'								
30											

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

DP - Direct Push
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: 11/12/21

SAND PACK INTERVAL (FEET): 4-25

PROJECT: WELLS RANCH AA #21-04

BENTONITE/GROUT INTERVAL (FEET): 0-4

LOGGED BY: B. WILKERSON

WELL SCREEN INTERVAL (FEET): 5-25

DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE

WELL DIAMETER (INCHES): 1

BORING DEPTH (FEET): 25

WELL DEPTH (FEET): 25

PID INSTRUMENT: MiniRAE 3000 - PID #6

TIME STARTED/COMPLETED: 1031 / 1053

SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7.5/1036, 7.5-10/1037, 20-22.5/1049



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Boring Log/Well Completion Diagram: SB-04

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, dry to wet, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	5.3	N/A	Well not completed		
						5.5				
5			DP	2	100	6.4	N/A			
						3.9				
10	BoB @ 10'								DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	

Boring Log/Well Completion Diagram: SB-05

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, dry to wet, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	3.9	N/A	Well not completed		
						4.1				
5			DP	2	100	5.4	N/A			
						3.0				
10	BoB @ 10'								DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	
15										

Boring Log/Well Completion Diagram: SB-06

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, dry to moist, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	90	2.8	N/A	Well not completed		
						3.8				
5			DP	2	100	4.2	N/A			
						2.1				
10	BoB @ 10'								DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	
15										

Boring Log/Well Completion Diagram: SB-07

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, dry to wet, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	70	3.3	N/A	5	Well not completed	
						3.4				
5			DP	2	100	5.2	N/A			
						3.5				
10	BoB @ 10'							10		
15										
20								20		
25								25		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
30										

Boring Log/Well Completion Diagram: SB-08

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, dry to wet, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	2.9	N/A	Well not completed		
						3.3				
5			DP	2	100	4.2	N/A			
						3.5				
10	BoB @ 10'								DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	

Boring Log/Well Completion Diagram: SB-09

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, dry to wet, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	2.9	N/A	5	Well not completed	
						5.1				
5			DP	2	100	5.3	N/A			
						4.0				
10	BoB @ 10'							10		
15										
20								20		
25								25		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
30										

Boring Log/Well Completion Diagram: SB-10

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, dry to moist, soft to medium stiff, low plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	4.9	N/A	5	Well not completed	
						6.7				
5			DP	2	100	8.7	N/A			
						7.3				
10	BoB @ 10'							10		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
15										

Boring Log/Well Completion Diagram: SB-11

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, dry to moist, soft to stiff, medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	2.8	N/A	5	Well not completed	
						2.7				
5			DP	2	100	3.5	N/A			
						3.2				
10	BoB @ 10'							10		
15										
20								20		
25								25		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
30										

Boring Log/Well Completion Diagram: SB-12

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~20-40% fine grained sand, N/O, N/S	CL	DP	1	90	3.6	N/A	5	Well not completed	
						5.5				
5			DP	2	100	6.9	N/A			
						5.7				
10	BoB @ 10'							10		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
15										

Boring Log/Well Completion Diagram: SB-13

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	5.9	N/A	Well not completed		
						7.1				
5			DP	2	100	7.3	N/A			
						5.2				
10	BoB @ 10'								DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	
15										

Boring Log/Well Completion Diagram: SB-14

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	90	4.8	N/A	Well not completed		
						4.9				
5			DP	2	100	6.2	N/A			
						5.0				
10	BoB @ 10'								DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	

Boring Log/Well Completion Diagram: SB-15

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	5.9	N/A	5	Well not completed	
						6.7				
5			DP	2		8.0	N/A			
						3.2				
10	BoB @ 10'							10		
15										
20								20		
25										
30										

Boring Log/Well Completion Diagram: SB-16

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	90	4.8	N/A	5	Well not completed	
						6.1				
5			DP	2	100	7.5	N/A			
						5.6				
10	BoB @ 10'									DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface

Boring Log/Well Completion Diagram: SB-17

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	90	3.9	N/A	5	Well not completed	
						4.4				
5			DP	2	100	7.5	N/A			
						4.7				
10	BoB @ 10'							10		
15										
20								20		
25								25		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
30								30		

Boring Log/Well Completion Diagram: SB-18

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, dry to wet, soft to stiff, low to medium plasticity, poorly graded with ~15-30% fine grained sand, N/O, N/S	CL	DP	1	80	3.3	N/A	5	Well not completed	
						3.8				
5			DP	2	100	4.5	N/A			
						3.0				
10	BoB @ 10'							10		DP - Direct Push HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface
15										



ATTACHMENT B

Laboratory Analytical Reports



December 01, 2021

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Wells Ranch AA #21-04

Project Number - [none]

Attached are your analytical results for Noble - Wells Ranch AA #21-04 received by Origins Laboratory, Inc. November 12, 2021. This project is associated with Origins project number Y111259-01.

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 - Wells Ranch AA #21-04

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-01@5-7.5'	Y111259-01	Soil	November 12, 2021 9:44	11/12/2021 16:10
SB-01@7.5-10'	Y111259-02	Soil	November 12, 2021 9:45	11/12/2021 16:10
SB-01@22.5-25'	Y111259-03	Soil	November 12, 2021 9:56	11/12/2021 16:10
SB-02@5-7.5'	Y111259-04	Soil	November 12, 2021 10:08	11/12/2021 16:10
SB-02@7.5-10'	Y111259-05	Soil	November 12, 2021 10:09	11/12/2021 16:10
SB-02@22.5-25'	Y111259-06	Soil	November 12, 2021 10:20	11/12/2021 16:10
SB-03@5-7.5'	Y111259-07	Soil	November 12, 2021 10:36	11/12/2021 16:10
SB-03@7.5-10'	Y111259-08	Soil	November 12, 2021 10:37	11/12/2021 16:10
SB-03@22.5-25'	Y111259-09	Soil	November 12, 2021 10:49	11/12/2021 16:10
SB-04@5-7.5'	Y111259-10	Soil	November 12, 2021 13:00	11/12/2021 16:10
SB-04@7.5-10'	Y111259-11	Soil	November 12, 2021 13:01	11/12/2021 16:10
SB-05@5-7.5'	Y111259-12	Soil	November 12, 2021 12:49	11/12/2021 16:10
SB-05@7.5-10'	Y111259-13	Soil	November 12, 2021 12:50	11/12/2021 16:10
SB-06@5-7.5'	Y111259-14	Soil	November 12, 2021 13:13	11/12/2021 16:10

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 - Wells Ranch AA #21-04

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-06@7.5-10'	Y111259-15	Soil	November 12, 2021 13:14	11/12/2021 16:10
SB-07@5-7.5'	Y111259-16	Soil	November 12, 2021 12:20	11/12/2021 16:10
SB-07@7.5-10'	Y111259-17	Soil	November 12, 2021 12:21	11/12/2021 16:10
SB-08@5-7.5'	Y111259-18	Soil	November 12, 2021 12:27	11/12/2021 16:10
SB-08@7.5-10'	Y111259-19	Soil	November 12, 2021 12:28	11/12/2021 16:10
SB-09@5-7.5'	Y111259-20	Soil	November 12, 2021 12:42	11/12/2021 16:10
SB-09@7.5-10'	Y111259-21	Soil	November 12, 2021 12:43	11/12/2021 16:10
SB-10@5-7.5'	Y111259-22	Soil	November 12, 2021 11:01	11/12/2021 16:10
SB-10@7.5-10'	Y111259-23	Soil	November 12, 2021 11:02	11/12/2021 16:10
SB-11@5-7.5'	Y111259-24	Soil	November 12, 2021 12:33	11/12/2021 16:10
SB-11@7.5-10'	Y111259-25	Soil	November 12, 2021 12:34	11/12/2021 16:10
SB-12@5-7.5'	Y111259-26	Soil	November 12, 2021 11:15	11/12/2021 16:10
SB-12@7.5-10'	Y111259-27	Soil	November 12, 2021 11:16	11/12/2021 16:10
SB-13@5-7.5'	Y111259-28	Soil	November 12, 2021 11:27	11/12/2021 16:10

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 - Wells Ranch AA #21-04

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-13@7.5-10'	Y111259-29	Soil	November 12, 2021 11:28	11/12/2021 16:10
SB-14@5-7.5'	Y111259-30	Soil	November 12, 2021 11:34	11/12/2021 16:10
SB-14@7.5-10'	Y111259-31	Soil	November 12, 2021 11:35	11/12/2021 16:10
SB-15@5-7.5'	Y111259-32	Soil	November 12, 2021 12:06	11/12/2021 16:10
SB-15@7.5-10'	Y111259-33	Soil	November 12, 2021 12:08	11/12/2021 16:10
SB-16@5-7.5'	Y111259-34	Soil	November 12, 2021 12:00	11/12/2021 16:10
SB-16@7.5-10'	Y111259-35	Soil	November 12, 2021 12:01	11/12/2021 16:10
SB-17@5-7.5'	Y111259-36	Soil	November 12, 2021 11:55	11/12/2021 16:10
SB-17@7.5-10'	Y111259-37	Soil	November 12, 2021 11:56	11/12/2021 16:10
SB-18@5-7.5'	Y111259-38	Soil	November 12, 2021 11:42	11/12/2021 16:10
SB-18@7.5-10'	Y111259-39	Soil	November 12, 2021 11:43	11/12/2021 16:10

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 - Wells Ranch AA #21-04

ORIGINS
LABORATORY, INC

Y/11259

www.originslaboratory.com

page 4 of 4

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge CO, 80033
Telephone Number: 303-453-0474
Email Address: mce@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Wells Ranch AA #21-04
Project Number:
Samples Collected By: B. W. I. E. C.

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative	Matrix	Analysis	Sample Instructions
SB-0105-75'	11/12/21	0944	2	Unpreserved	Soil	GC/MS, TOC, pH, etc.	1
SB-0105-10'		0945					2
SB-0105-25'		0956					3
SB-0205-75'		1005					4
SB-0205-10'		1009					5
SB-0205-25'		1020					6
SB-0305-75'		1030					7
SB-0305-10'		1037					8
SB-0305-25'		1049					9
SB-0405-75'		1300					10
Relinquished By: B. W. I. E. C.	Date: 11/12/21	Time: 16:10	Received By: B. W. I. E. C.	Date: 11/12/21	Time: 16:10	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard	

Date Results Needed

Temp Received- 4.1

4811 to Jacob

Origins Laboratory, Inc.

Jordan A. Merrill

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 - Wells Ranch AA #21-04

ORIGINS
LABORATORY, INC

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page 2 of 4

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

Project Manager: Martin Eckert III
Project Name: Wells Ranch AA #21-04
Project Number:
Samples Collected By: BWW/GEL

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative	Matrix	Analysis	Sample Instructions
SB-04075-10'	11/12/21	1301	2	X	Soil	X	1
SB-05055-7.5'		1249			Groundwater	X	2
SB-05075-10'		1250				X	3
SB-06055-7.5'		1313				X	4
SB-06075-10'		1314				X	5
SB-07055-7.5'		1220				X	6
SB-07075-10'		1221				X	7
SB-08055-7.5'		1227				X	8
SB-08075-10'		1228				X	9
SB-09055-7.5'		1242				X	10
Relinquished By: Dwyer, Julie	Date: 11/12/21	Time: 16:10	Received By: BH	Date: 11/12/21	Time: 16:10	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard	

4.1

Date Results Needed

Temp Received- 4.1

4.1 to 7.0

Origins Laboratory, Inc.

Jordan A. Merrill

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.

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

ORIGINS
LABORATORY, INC
 Client: Ecologic Environmental Consulting
 Address: 9000 W 41st Ave
Westridge CO 80033
 Telephone Number: 303-413-0174
 Email Address: MICHAEL@ORIGINS-LAB.COM
 Project Manager: Martin Eckert III
 Project Name: Wells Ranch Aff #21-4
 Project Number: _____
 Samples Collected By: RW/GEL
 page 3 of 4
 www.originslaboratory.com

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions		
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summ. #			Other	
SB-0407.5-10'	11/12/21	1243	2	X					X		X	X	X	1 E/SAR pH =
SB-1005-7.5'		1101												2 Saturated huc prep
SB-1007.5-10'		1102												3
SB-1005-7.5'		1233												4 MDLs needed
SB-1107.5-10'		1234												5
SB-1205-7.5'		1115												6
SB-1207.5-10'		1116												7
SB-1305-7.5'		1127												8
SB-1307.5-10'		1128												9
SB-1405-7.5'	✓	1134		✓	✓				✓		✓	✓	✓	10
Relinquished By:	Date:		Time:	Received By:	Date:	Time:	Turnaround Time:							
Rayne WLL	11/12/21	1010		✓	11/12/21	1010	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/>							
Relinquished By:	Date:		Time:	Received By:	Date:	Time:	48 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>							

Node

Date Results Needed

Temp Received. 1/11

Xc11 t. Ta. 16

Origins Laboratory, Inc.

Men

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 - Wells Ranch AA #21-04

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Y11259

page 4 of 4

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge CO 80033
Telephone Number: 303-433-0674
Email Address: mce@eagle-env.com

Project Manager: Martin Eckert III
Project Name: Wells Ranch AA #21-04
Project Number: 303-433-0674
Samples Collected By: BRW/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		
SB-14@75-10'	11/12/21	1135	2	X				X		X	EC/AR pH =
SB-15@75-75'		1206									Saturated pore prep
SB-15@75-10'		1208									
SB-16@75-75'		1200									MZ ₂ mud
SB-16@75-10'		1201									
SB-17@75-75'		1155									
SB-17@75-10'		1156									
SB-18@75-75'		1142									
SB-18@75-10'		1143									
Relinquished By: <i>byge mll</i>	Date: 11/12/21	Time: 16:10	Received By: <i>BT</i>	Date: 11/12/21	Time: 16:10	Received By:	Date:	Time:	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard		

Date Results Needed

Temp Received: 4.1

3:11 to Jacob

Origins Laboratory, Inc.

Jordan A. Merrill

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 - Wells Ranch AA #21-04

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: Y/11259

Client: Eagle

Client Project ID: Wells Ranch AA 21-04

Checklist Completed by: JG

Shipped Via: HD

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

Date/time completed: 11/15/21

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid

☐ Water

☐ Other:

Cooler Number/Temperature: 1, 4.1 °C

1 °C

1 °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⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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) Jm

Date/Time Reviewed 11-16-21

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 - Wells Ranch AA #21-04

SB-01@5-7.5'

11/12/2021 9:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.261	0.201	mg/L	1	B1K1507	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	99.6 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@5-7.5'

11/12/2021 9:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y111259-01 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	96.0 %	70-130	B1K17 18	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	24.2	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	14.0	0.823	"	"	"	"	"
Sodium	17.5	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@5-7.5'

11/12/2021 9:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-01 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	55.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	67.1 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	44.1 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.67	pH Units	1	B1K1511	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.00	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.04	0.00500	mmhos/cm	1	B1K1501	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.31	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@5-7.5'

11/12/2021 9:44:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-01 (Soil)

Total Metals by 6020B

Barium	59.7	0.042	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Cadmium	0.0749	0.0259	0.25	"	"	"	"	"	J
Copper	2.85	0.0806	0.25	"	"	"	"	"	
Lead	3.97	0.031	0.25	"	"	"	"	"	
Nickel	3.39	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0154	0.0067	0.25	"	"	"	"	"	J
Zinc	15.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585141	11/12/2021	11/16/2021	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@7.5-10'

11/12/2021 9:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.457	0.199	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.2 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	115 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@7.5-10'

11/12/2021 9:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y111259-02 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	95.9 %	70-130	B1K17 18	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	6.50	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	2.64	0.823	"	"	"	"	"
Sodium	6.30	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-01@7.5-10'

11/12/2021 9:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-02 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	52.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	65.5 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	43.9 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.87	pH Units	1	B1K1511	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.95	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.38	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.58	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@7.5-10'

11/12/2021 9:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-02 (Soil)

Total Metals by 6020B

Barium	65.4	0.042	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Cadmium	0.0855	0.0259	0.25	"	"	"	"	"	J
Copper	4.15	0.0806	0.25	"	"	"	"	"	
Lead	4.93	0.031	0.25	"	"	"	"	"	
Nickel	4.47	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0223	0.0067	0.25	"	"	"	"	"	J
Zinc	21.8	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.492	1.01	mg/Kg	2	L585141	11/12/2021	11/16/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@22.5-25'

11/12/2021 9:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-03 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.202	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.7 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@22.5-25'

11/12/2021 9:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-03 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.5 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	99.7 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	4.32	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	1.49	0.823	"	"	"	"	"
Sodium	4.30	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	0.000214	0.00014	0.00067	"	"	"	"	" J
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@22.5-25'

11/12/2021 9:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-03 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	63 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	75.2 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	47 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.75	pH Units	1	B1K1511	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.52	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.950	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.14	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-01@22.5-25'

11/12/2021 9:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-03 (Soil)

Total Metals by 6020B

Barium	116	0.042	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Cadmium	0.127	0.0259	0.25	"	"	"	"	"	J
Copper	6.25	0.0806	0.25	"	"	"	"	"	
Lead	6.64	0.031	0.25	"	"	"	"	"	
Nickel	5.19	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0305	0.0067	0.25	"	"	"	"	"	J
Zinc	24.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585141	11/12/2021	11/16/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@5-7.5'

11/12/2021 10:08:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.316	0.197	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	86.5 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@5-7.5'

11/12/2021 10:08:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-04 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.8 %		70-130			B1K17 18	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	99.3 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	15.1		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	8.29		0.823	"	"	"	"	"	
Sodium	10.2		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@5-7.5'

11/12/2021 10:08:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc. Y111259-04 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	58.6 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	70.2 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	47.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.75	pH Units	1	B1K1511	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.99	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.68	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	2.29	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@5-7.5'

11/12/2021 10:08:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-04 (Soil)

Total Metals by 6020B

Barium	147	0.042	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Cadmium	0.176	0.0259	0.25	"	"	"	"	"	J
Copper	7.48	0.0806	0.25	"	"	"	"	"	
Lead	7.92	0.031	0.25	"	"	"	"	"	
Nickel	7.51	0.0633	0.25	"	"	"	"	"	
Selenium	0.114	0.103	0.25	"	"	"	"	"	J
Silver	0.0366	0.0067	0.25	"	"	"	"	"	J
Zinc	35.9	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	1.22	2.5	mg/Kg	5	L585141	11/12/2021	11/16/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@7.5-10'

11/12/2021 10:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.238	0.199	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.5 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@7.5-10'

11/12/2021 10:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-05 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.3 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	99.5 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	27.5	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	12.6	0.823	"	"	"	"	"
Sodium	13.2	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@7.5-10'

11/12/2021 10:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-05 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	54.2 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	64.5 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	44.8 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.69	pH Units	1	B1K1511	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.94	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.79	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.507	1.04	mg/Kg	2	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@7.5-10'

11/12/2021 10:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-05 (Soil)

Total Metals by 6020B

Arsenic	2.11	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	82.6	0.042	0.25	"	"	"	"	"	
Cadmium	0.218	0.0259	0.25	"	"	"	"	"	J
Copper	8.81	0.0806	0.25	"	"	"	"	"	
Lead	9.23	0.031	0.25	"	"	"	"	"	
Nickel	8.66	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0447	0.0067	0.25	"	"	"	"	"	J
Zinc	42.7	0.534	2.5	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@22.5-25'

11/12/2021 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.284	0.203	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	92.4 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@22.5-25'

11/12/2021 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-06 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.9 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	98.0 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	4.37	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	1.52	0.823	"	"	"	"	"
Sodium	4.47	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	0.000226	0.00014	0.00067	"	"	"	"	" J
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@22.5-25'

11/12/2021 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-06 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	57.1 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	68.3 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	47.4 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.72	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.60	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.958	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	1.22	2.5	mg/Kg	5	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-02@22.5-25'

11/12/2021 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-06 (Soil)

Total Metals by 6020B

Arsenic	0.873	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	95.6	0.042	0.25	"	"	"	"	"	
Cadmium	0.101	0.0259	0.25	"	"	"	"	"	J
Copper	9.6	0.0806	0.25	"	"	"	"	"	
Lead	7.69	0.031	0.25	"	"	"	"	"	
Nickel	6.57	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.039	0.0067	0.25	"	"	"	"	"	J
Zinc	39.6	0.534	2.5	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@5-7.5'

11/12/2021 10:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.517	0.199	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.1 %	50-150	"	"	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@5-7.5'

11/12/2021 10:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-07 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.6 %		70-130			B1K17 18	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	99.2 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	25.7		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	16.2		0.823	"	"	"	"	"	
Sodium	30.0		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@5-7.5'

11/12/2021 10:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-07 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	55.8 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	67.3 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	45.5 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.63	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	6.56	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.21	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.492	1.01	mg/Kg	2	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@5-7.5'

11/12/2021 10:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-07 (Soil)

Total Metals by 6020B

Arsenic	1.71	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	95.1	0.042	0.25	"	"	"	"	"	
Cadmium	0.0977	0.0259	0.25	"	"	"	"	"	J
Copper	4.59	0.0806	0.25	"	"	"	"	"	
Lead	5.48	0.031	0.25	"	"	"	"	"	
Nickel	5.08	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0151	0.0067	0.25	"	"	"	"	"	J
Zinc	24	0.534	2.5	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@7.5-10'

11/12/2021 10:37:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.632	0.198	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	84.2 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@7.5-10'

11/12/2021 10:37:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-08 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.4 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	24.4	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	12.7	0.823	"	"	"	"	"
Sodium	15.9	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-03@7.5-10'

11/12/2021 10:37:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-08 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	49.5 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	63.4 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	39.1 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.64	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.69	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.94	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@7.5-10'

11/12/2021 10:37:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-08 (Soil)

Total Metals by 6020B

Arsenic	1.54	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	66.5	0.042	0.25	"	"	"	"	"	
Cadmium	0.179	0.0259	0.25	"	"	"	"	"	J
Copper	7.64	0.0806	0.25	"	"	"	"	"	
Lead	8.41	0.031	0.25	"	"	"	"	"	
Nickel	7.7	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0397	0.0067	0.25	"	"	"	"	"	J
Zinc	36.6	0.534	2.5	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-03@22.5-25'

11/12/2021 10:49:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-09 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.200	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.9 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@22.5-25'

11/12/2021 10:49:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-09 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.7 %		70-130			B1K17 18	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	101 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	5.26		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	1.84		0.823	"	"	"	"	"	
Sodium	4.31		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-03@22.5-25'

11/12/2021 10:49:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-09 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	62.3 %		33-115			"	"	"
Surrogate: 4-Terphenyl-d14	80.7 %		33-122			"	"	"
Surrogate: Nitrobenzene-d5	50.6 %		29-110			"	"	"

pH in Soil by 9045D

pH	8.02			pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.29			SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.03		0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.248	0.509	mg/Kg	1	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-03@22.5-25'

11/12/2021 10:49:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-09 (Soil)

Total Metals by 6020B

Arsenic	1.99	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	21.2	0.042	0.25	"	"	"	"	"	
Cadmium	0.0571	0.0259	0.25	"	"	"	"	"	J
Copper	2.09	0.0806	0.25	"	"	"	"	"	
Lead	3.1	0.031	0.25	"	"	"	"	"	
Nickel	2.31	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	ND	0.0067	0.25	"	"	"	"	"	
Zinc	9.86	0.534	2.5	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-04@5-7.5'

11/12/2021 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.240	0.200	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.7 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-04@5-7.5'

11/12/2021 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-10 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.5 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	99.2 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	22.6	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	14.0	0.823	"	"	"	"	"
Sodium	15.9	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-04@5-7.5'

11/12/2021 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-10 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	61 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	73 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	49.4 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.85	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.73	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.92	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.246	0.505	mg/Kg	1	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-04@5-7.5'

11/12/2021 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-10 (Soil)

Total Metals by 6020B

Arsenic	1.85	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	61.4	0.042	0.25	"	"	"	"	"	
Cadmium	0.0907	0.0259	0.25	"	"	"	"	"	J
Copper	3.43	0.0806	0.25	"	"	"	"	"	
Lead	4.67	0.031	0.25	"	"	"	"	"	
Nickel	3.84	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0152	0.0067	0.25	"	"	"	"	"	J
Zinc	18.6	0.534	2.5	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-04@7.5-10'

11/12/2021 1:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-11 (Soil)

Boron (DTPA Sorbitol)

Boron	0.396	0.198	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	93.2 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-04@7.5-10'

11/12/2021 1:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-11 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.9 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	8.76	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	3.30	0.823	"	"	"	"	"
Sodium	6.65	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021	
2-Methylnaphthalene	0.000565	0.00039	0.00067	"	"	"	"	"	J
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-04@7.5-10'

11/12/2021 1:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-11 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585419	11/18/2021	11/18/2021	
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"	
Naphthalene	0.000515	0.000467	0.00067	"	"	"	"	"	J
Pyrene	ND	0.00059	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	56.4 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	70 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	47 %		29-110			"	"	"	

pH in Soil by 9045D

pH	7.72			pH Units	1	B1K1512	11/15/2021	11/16/2021	
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SAR by 20B Saturated Paste

SAR	2.71			SAR	1	B1K1505	11/15/2021	11/16/2021	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.63		0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021	
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.497	1.02	mg/Kg	2	L585142	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.

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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-04@7.5-10'

11/12/2021 1:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-11 (Soil)

Total Metals by 6020B

Arsenic	1.75	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	62.5	0.042	0.25	"	"	"	"	"	
Cadmium	0.0894	0.0259	0.25	"	"	"	"	"	J
Copper	3.75	0.0806	0.25	"	"	"	"	"	
Lead	5.25	0.031	0.25	"	"	"	"	"	
Nickel	4.19	0.0633	0.25	"	"	"	"	"	
Selenium	0.133	0.103	0.25	"	"	"	"	"	J
Silver	0.0216	0.0067	0.25	"	"	"	"	"	J
Zinc	20	0.534	2.5	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-05@5-7.5'

11/12/2021 12:49:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-12 (Soil)

Boron (DTPA Sorbitol)

Boron	0.323	0.202	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.3 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@5-7.5'

11/12/2021 12:49:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-12 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.9 %		70-130			B1K17 18	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	99.5 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	30.5		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	12.2		0.823	"	"	"	"	"	
Sodium	16.4		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@5-7.5'

11/12/2021 12:49:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-12 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	48.8 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	64.8 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	37.7 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.64	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.56	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.50	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585142	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@5-7.5'

11/12/2021 12:49:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-12 (Soil)

Total Metals by 6020B

Arsenic	2.51	0.0855	0.25	mg/Kg	5	L585109	11/16/2021	11/17/2021	
Barium	69	0.042	0.25	"	"	"	"	"	
Cadmium	0.182	0.0259	0.25	"	"	"	"	"	J
Copper	6.96	0.0806	0.25	"	"	"	"	"	
Lead	8.15	0.031	0.25	"	"	"	"	"	
Nickel	7.5	0.0633	0.25	"	"	"	"	"	
Selenium	0.131	0.103	0.25	"	"	"	"	"	J
Silver	0.0327	0.0067	0.25	"	"	"	"	"	J
Zinc	35.6	0.534	2.5	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@7.5-10'

11/12/2021 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-13 (Soil)

Boron (DTPA Sorbitol)

Boron	0.378	0.199	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.1 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	111 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@7.5-10'

11/12/2021 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-13 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.1 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	26.8	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	11.5	0.823	"	"	"	"	"
Sodium	17.1	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@7.5-10'

11/12/2021 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-13 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	56.6 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	69.3 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	42.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.80	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.91	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.04	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.62	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-05@7.5-10'

11/12/2021 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-13 (Soil)

Total Metals by 6020B

Barium	74.6	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.0763	0.0259	0.25	"	"	"	"	"	J
Copper	3.38	0.0806	0.25	"	"	"	"	"	
Lead	4.47	0.031	0.25	"	"	"	"	"	
Nickel	3.61	0.0633	0.25	"	"	"	"	"	
Selenium	0.132	0.103	0.25	"	"	"	"	"	J
Silver	0.0178	0.0067	0.25	"	"	"	"	"	J
Zinc	18.4	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585142	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@5-7.5'

11/12/2021 1:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-14 (Soil)

Boron (DTPA Sorbitol)

Boron	0.551	0.197	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	104 %	50-150	"	"	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	111 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@5-7.5'

11/12/2021 1:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-14 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.3 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	103 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	24.0	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	13.2	0.823	"	"	"	"	"
Sodium	18.3	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@5-7.5'

11/12/2021 1:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-14 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	54.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	69.5 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	42.3 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.72	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.24	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.84	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	2.17	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@5-7.5'

11/12/2021 1:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-14 (Soil)

Total Metals by 6020B

Barium	69.1	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.0857	0.0259	0.25	"	"	"	"	"	J
Copper	4.19	0.0806	0.25	"	"	"	"	"	
Lead	5.22	0.031	0.25	"	"	"	"	"	
Nickel	4.27	0.0633	0.25	"	"	"	"	"	
Selenium	0.139	0.103	0.25	"	"	"	"	"	J
Silver	0.0162	0.0067	0.25	"	"	"	"	"	J
Zinc	20.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.508	mg/Kg	1	L585142	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@7.5-10'

11/12/2021 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-15 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.200	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.6 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@7.5-10'

11/12/2021 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-15 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.3 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	103 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	5.36	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	2.16	0.823	"	"	"	"	"
Sodium	5.23	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@7.5-10'

11/12/2021 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-15 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	56 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	66.7 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	43.4 %	29-110	"	"	"

pH in Soil by 9045D

pH	8.01	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.70	SAR	1	B1K1502	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.15	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.82	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-06@7.5-10'

11/12/2021 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-15 (Soil)

Total Metals by 6020B

Barium	72	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.1	0.0259	0.25	"	"	"	"	"	J
Copper	4.21	0.0806	0.25	"	"	"	"	"	
Lead	4.94	0.031	0.25	"	"	"	"	"	
Nickel	4.54	0.0633	0.25	"	"	"	"	"	
Selenium	0.17	0.103	0.25	"	"	"	"	"	J
Silver	0.0209	0.0067	0.25	"	"	"	"	"	J
Zinc	21	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@5-7.5'

11/12/2021 12:20:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-16 (Soil)

Boron (DTPA Sorbitol)

Boron	0.365	0.203	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.0 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	115 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@5-7.5'

11/12/2021 12:20:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-16 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.8 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	6.59	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	4.16	0.823	"	"	"	"	"
Sodium	10.4	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@5-7.5'

11/12/2021 12:20:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-16 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	54.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	66.8 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	43.3 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.96	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.48	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.89	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	2.06	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@5-7.5'

11/12/2021 12:20:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-16 (Soil)

Total Metals by 6020B

Barium	125	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.136	0.0259	0.25	"	"	"	"	"	J
Copper	5.34	0.0806	0.25	"	"	"	"	"	
Lead	6.46	0.031	0.25	"	"	"	"	"	
Nickel	5.54	0.0633	0.25	"	"	"	"	"	
Selenium	0.176	0.103	0.25	"	"	"	"	"	J
Silver	0.0293	0.0067	0.25	"	"	"	"	"	J
Zinc	26.3	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@7.5-10'

11/12/2021 12:21:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-17 (Soil)

Boron (DTPA Sorbitol)

Boron	0.217	0.198	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.5 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	115 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@7.5-10'

11/12/2021 12:21:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-17 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.2 %		70-130			B1K17 18	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	100 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	21.7		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	9.64		0.823	"	"	"	"	"	
Sodium	13.3		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@7.5-10'

11/12/2021 12:21:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-17 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	54.3 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	70.4 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	42.4 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.67	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.37	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.34	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.76	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-07@7.5-10'

11/12/2021 12:21:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-17 (Soil)

Total Metals by 6020B

Barium	61.3	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.0953	0.0259	0.25	"	"	"	"	"	J
Copper	4.29	0.0806	0.25	"	"	"	"	"	
Lead	4.97	0.031	0.25	"	"	"	"	"	
Nickel	4.15	0.0633	0.25	"	"	"	"	"	
Selenium	0.155	0.103	0.25	"	"	"	"	"	J
Silver	0.0215	0.0067	0.25	"	"	"	"	"	J
Zinc	21.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.497	1.02	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@5-7.5'

11/12/2021 12:27:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-18 (Soil)

Boron (DTPA Sorbitol)

Boron	0.242	0.202	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	78.7 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	115 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@5-7.5'

11/12/2021 12:27:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-18 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.0 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	24.3	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	13.7	0.823	"	"	"	"	"
Sodium	11.7	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@5-7.5'

11/12/2021 12:27:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-18 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	59.1 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	71 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	44.5 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.71	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.69	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.38	0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.85	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@5-7.5'

11/12/2021 12:27:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-18 (Soil)

Total Metals by 6020B

Barium	83.4	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.0814	0.0259	0.25	"	"	"	"	"	J
Copper	3.63	0.0806	0.25	"	"	"	"	"	
Lead	5.08	0.031	0.25	"	"	"	"	"	
Nickel	4.11	0.0633	0.25	"	"	"	"	"	
Selenium	0.138	0.103	0.25	"	"	"	"	"	J
Silver	0.0161	0.0067	0.25	"	"	"	"	"	J
Zinc	20.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.502	1.03	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@7.5-10'

11/12/2021 12:28:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-19 (Soil)

Boron (DTPA Sorbitol)

Boron	0.280	0.200	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.4 %	50-150			"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130			"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@7.5-10'

11/12/2021 12:28:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-19 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.5 %	70-130	B1K17 18	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	12.6	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	4.91	0.823	"	"	"	"	"
Sodium	8.85	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@7.5-10'

11/12/2021 12:28:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-19 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	55.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	71.1 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	43.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.75	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.99	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.16	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.84	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-08@7.5-10'

11/12/2021 12:28:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-19 (Soil)

Total Metals by 6020B

Barium	53.9	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.182	0.0259	0.25	"	"	"	"	"	J
Copper	8.73	0.0806	0.25	"	"	"	"	"	
Lead	9.11	0.031	0.25	"	"	"	"	"	
Nickel	8.38	0.0633	0.25	"	"	"	"	"	
Selenium	0.175	0.103	0.25	"	"	"	"	"	J
Silver	0.0419	0.0067	0.25	"	"	"	"	"	J
Zinc	40.9	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@5-7.5'

11/12/2021 12:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-20 (Soil)

Boron (DTPA Sorbitol)

Boron	0.445	0.202	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1517	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	93.9 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1718	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	117 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@5-7.5'

11/12/2021 12:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-20 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.3 %		70-130			B1K17 18	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	100 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	31.5		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	16.0		0.823	"	"	"	"	"	
Sodium	23.9		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@5-7.5'

11/12/2021 12:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-20 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	59.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	70.3 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	44.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.67	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.90	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.27	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.5	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@5-7.5'

11/12/2021 12:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-20 (Soil)

Total Metals by 6020B

Barium	59.9	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.0916	0.0259	0.25	"	"	"	"	"	J
Copper	3.66	0.0806	0.25	"	"	"	"	"	
Lead	4.88	0.031	0.25	"	"	"	"	"	
Nickel	4.27	0.0633	0.25	"	"	"	"	"	
Selenium	0.159	0.103	0.25	"	"	"	"	"	J
Silver	0.0147	0.0067	0.25	"	"	"	"	"	J
Zinc	19.5	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.497	1.02	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@7.5-10'

11/12/2021 12:43:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-21 (Soil)

Boron (DTPA Sorbitol)

Boron	0.415	0.198	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/18/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	101 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@7.5-10'

11/12/2021 12:43:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-21 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.0 %	70-130	B1K17 19	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	99.9 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	15.6	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	6.18	0.823	"	"	"	"	"
Sodium	11.9	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-09@7.5-10'

11/12/2021 12:43:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-21 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	60.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	74.9 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	48 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.87	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.61	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.66	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.56	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-09@7.5-10'

11/12/2021 12:43:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-21 (Soil)

Total Metals by 6020B

Barium	285	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.223	0.0259	0.25	"	"	"	"	"	J
Copper	8.88	0.0806	0.25	"	"	"	"	"	
Lead	9.49	0.031	0.25	"	"	"	"	"	
Nickel	8.41	0.0633	0.25	"	"	"	"	"	
Selenium	0.197	0.103	0.25	"	"	"	"	"	J
Silver	0.0414	0.0067	0.25	"	"	"	"	"	J
Zinc	43.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@5-7.5'

11/12/2021 11:01:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-22 (Soil)

Boron (DTPA Sorbitol)

Boron	0.299	0.199	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	123 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@5-7.5'

11/12/2021 11:01:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-22 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.1 %		70-130			B1K17 19	11/17/2021	11/19/2021	
Surrogate: 4-Bromofluorobenzene	100 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	27.8		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	14.1		0.823	"	"	"	"	"	
Sodium	15.9		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.00172	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
2-Methylnaphthalene	0.0018	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	0.000331	0.00021	0.00067	"	"	"	"	"	J
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	0.00112	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	
Fluorene	ND	0.00029	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@5-7.5'

11/12/2021 11:01:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc. Y111259-22 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
Naphthalene	0.000514	0.000467	0.00067	"	"	"	"	"	J
Pyrene	ND	0.00059	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	56.7 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	69.7 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	43.3 %		29-110			"	"	"	

pH in Soil by 9045D

pH	7.62			pH Units	1	B1K1512	11/15/2021	11/16/2021	
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SAR by 20B Saturated Paste

SAR	3.47			SAR	1	B1K1504	11/15/2021	11/16/2021	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.20		0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021	
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Total Metals by 6020B

Arsenic	2.21	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Barium	81.6	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@5-7.5'

11/12/2021 11:01:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-22 (Soil)

Total Metals by 6020B

Cadmium	0.111	0.0259	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	J
Copper	4.93	0.0806	0.25	"	"	"	"	"	
Lead	8.67	0.031	0.25	"	"	"	"	"	
Nickel	4.87	0.0633	0.25	"	"	"	"	"	
Selenium	0.157	0.103	0.25	"	"	"	"	"	J
Silver	0.101	0.0067	0.25	"	"	"	"	"	J
Zinc	22.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@7.5-10'

11/12/2021 11:02:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-23 (Soil)

Boron (DTPA Sorbitol)

Boron	0.220	0.200	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.4 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@7.5-10'

11/12/2021 11:02:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-23 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.3 %		70-130			B1K17 19	11/17/2021	11/19/2021	
Surrogate: 4-Bromofluorobenzene	98.7 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	2.09		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	3.17		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.000684	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
2-Methylnaphthalene	0.000754	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	0.000464	0.00027	0.00067	"	"	"	"	"	J
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@7.5-10'

11/12/2021 11:02:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-23 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	57.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	74.1 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	43.9 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.98	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.68	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.563	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	2.06	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-10@7.5-10'

11/12/2021 11:02:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-23 (Soil)

Total Metals by 6020B

Barium	151	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.103	0.0259	0.25	"	"	"	"	"	J
Copper	5.03	0.0806	0.25	"	"	"	"	"	
Lead	6.19	0.031	0.25	"	"	"	"	"	
Nickel	5.4	0.0633	0.25	"	"	"	"	"	
Selenium	0.122	0.103	0.25	"	"	"	"	"	J
Silver	0.0223	0.0067	0.25	"	"	"	"	"	J
Zinc	25.8	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-11@5-7.5'

11/12/2021 12:33:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-24 (Soil)

Boron (DTPA Sorbitol)

Boron	0.325	0.203	mg/L	1	B1K1506	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	107 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	113 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-11@5-7.5'

11/12/2021 12:33:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-24 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.5 %	70-130	B1K17 19	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	25.8	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	9.72	0.823	"	"	"	"	"
Sodium	16.1	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-11@5-7.5'

11/12/2021 12:33:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-24 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	53.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	73.5 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	41.9 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.78	pH Units	1	B1K1512	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.82	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.75	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	2.38	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-11@5-7.5'

11/12/2021 12:33:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-24 (Soil)

Total Metals by 6020B

Barium	66.9	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.169	0.0259	0.25	"	"	"	"	"	J
Copper	8.9	0.0806	0.25	"	"	"	"	"	
Lead	9.49	0.031	0.25	"	"	"	"	"	
Nickel	8.91	0.0633	0.25	"	"	"	"	"	
Selenium	0.188	0.103	0.25	"	"	"	"	"	J
Silver	0.0364	0.0067	0.25	"	"	"	"	"	J
Zinc	42.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.502	1.03	mg/Kg	2	L585237	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-11@7.5-10'

11/12/2021 12:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-25 (Soil)

Boron (DTPA Sorbitol)

Boron	0.379	0.200	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.5 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-11@7.5-10'

11/12/2021 12:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-25 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.1 %	70-130	B1K17 19	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	99.5 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	13.5	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	4.97	0.823	"	"	"	"	"
Sodium	8.32	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-11@7.5-10'

11/12/2021 12:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-25 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	56.1 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	67.6 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	42.1 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.74	pH Units	1	B1K1210	11/12/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.74	SAR	1	B1K1504	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.22	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	2.27	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-11@7.5-10'

11/12/2021 12:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-25 (Soil)

Total Metals by 6020B

Barium	152	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.163	0.0259	0.25	"	"	"	"	"	J
Copper	6.48	0.0806	0.25	"	"	"	"	"	
Lead	7.82	0.031	0.25	"	"	"	"	"	
Nickel	7.03	0.0633	0.25	"	"	"	"	"	
Selenium	0.198	0.103	0.25	"	"	"	"	"	J
Silver	0.0314	0.0067	0.25	"	"	"	"	"	J
Zinc	32.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@5-7.5'

11/12/2021 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-26 (Soil)

Boron (DTPA Sorbitol)

Boron	0.299	0.199	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	96.5 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/22/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	3.92	0.200	"	"	"	"	"	
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130	"	"	11/19/2021
Surrogate: Toluene-d8	99.2 %	70-130	"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@5-7.5'

11/12/2021 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-26 (Soil)

GBTEX+TMBs

Surrogate: 4-Bromofluorobenzene	99.8 %	70-130	B1K17 19	11/17/2021	11/19/2021
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Metals by Saturated Paste

Calcium	19.9	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	9.38	0.823	"	"	"	"	"
Sodium	11.1	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.00207	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	0.00193	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	0.000476	0.00021	0.00067	"	"	"	"	" J
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	0.00149	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"
Fluorene	ND	0.00029	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@5-7.5'

11/12/2021 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc. Y111259-26 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
Naphthalene	0.000661	0.000467	0.00067	"	"	"	"	"	J
Pyrene	ND	0.00059	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	55.7 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	69.7 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	43.4 %		29-110			"	"	"	

pH in Soil by 9045D

pH	7.80			pH Units	1	B1K1513	11/15/2021	11/16/2021	
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SAR by 20B Saturated Paste

SAR	2.91			SAR	1	B1K1502	11/15/2021	11/16/2021	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.11		0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021	
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Total Metals by 6020B

Arsenic	1.8	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Barium	83.5	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@5-7.5'

11/12/2021 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-26 (Soil)

Total Metals by 6020B

Cadmium	0.119	0.0259	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	J
Copper	4.82	0.0806	0.25	"	"	"	"	"	
Lead	6.6	0.031	0.25	"	"	"	"	"	
Nickel	5.2	0.0633	0.25	"	"	"	"	"	
Selenium	0.167	0.103	0.25	"	"	"	"	"	J
Silver	0.0223	0.0067	0.25	"	"	"	"	"	J
Zinc	24	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@7.5-10'

11/12/2021 11:16:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-27 (Soil)

Boron (DTPA Sorbitol)

Boron	0.763	0.201	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	101 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	111 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@7.5-10'

11/12/2021 11:16:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-27 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.6 %	70-130	B1K17 19	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	13.3	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	5.11	0.823	"	"	"	"	"
Sodium	18.9	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.001	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	0.00119	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	0.000266	0.00014	0.00067	"	"	"	"	" J
Benzo(b)fluoranthene	0.00144	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	0.000396	0.00013	0.00067	"	"	"	"	" J
Chrysene	0.00222	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"
Fluorene	ND	0.00029	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-12@7.5-10'

11/12/2021 11:16:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-27 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	0.000458	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	J
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"	
Pyrene	ND	0.00059	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	58.7 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	78.7 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	45 %		29-110			"	"	"	

pH in Soil by 9045D

pH	7.86			pH Units	1	B1K1513	11/15/2021	11/16/2021	
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SAR by 20B Saturated Paste

SAR	6.22			SAR	1	B1K1502	11/15/2021	11/16/2021	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.19		0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021	
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Total Metals by 6020B

Arsenic	1.91	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Barium	57.4	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-12@7.5-10'

11/12/2021 11:16:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-27 (Soil)

Total Metals by 6020B

Cadmium	0.11	0.0259	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	J
Copper	4.63	0.0806	0.25	"	"	"	"	"	
Lead	5.54	0.031	0.25	"	"	"	"	"	
Nickel	4.77	0.0633	0.25	"	"	"	"	"	
Selenium	0.177	0.103	0.25	"	"	"	"	"	J
Silver	0.0204	0.0067	0.25	"	"	"	"	"	J
Zinc	22.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@5-7.5'

11/12/2021 11:27:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-28 (Soil)

Boron (DTPA Sorbitol)

Boron	0.555	0.198	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.8 %	50-150	"	"	"	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130	"	"	"	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@5-7.5'

11/12/2021 11:27:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-28 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.9 %	70-130	B1K17 19	11/17/2021	11/19/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	26.4	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	15.3	0.823	"	"	"	"	"
Sodium	29.8	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@5-7.5'

11/12/2021 11:27:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-28 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	60.8 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	76 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	44.7 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.69	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	6.53	SAR	1	B1K1502	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.38	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.56	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@5-7.5'

11/12/2021 11:27:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-28 (Soil)

Total Metals by 6020B

Barium	60	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.13	0.0259	0.25	"	"	"	"	"	J
Copper	3.73	0.0806	0.25	"	"	"	"	"	
Lead	4.85	0.031	0.25	"	"	"	"	"	
Nickel	4.2	0.0633	0.25	"	"	"	"	"	
Selenium	0.144	0.103	0.25	"	"	"	"	"	J
Silver	0.0264	0.0067	0.25	"	"	"	"	"	J
Zinc	20.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@7.5-10'

11/12/2021 11:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-29 (Soil)

Boron (DTPA Sorbitol)

Boron	0.222	0.202	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	98.7 %	50-150	"	"	"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/19/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130	"	"	"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@7.5-10'

11/12/2021 11:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-29 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.3 %		70-130			B1K17 19	11/17/2021	11/19/2021	
Surrogate: 4-Bromofluorobenzene	101 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	10.6		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	4.50		0.823	"	"	"	"	"	
Sodium	9.50		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	0.000682	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	0.00062	0.00013	0.00067	"	"	"	"	"	J
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@7.5-10'

11/12/2021 11:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-29 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	0.000752	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	61.7 %		33-115			"	"	"
Surrogate: 4-Terphenyl-d14	77.8 %		33-122			"	"	"
Surrogate: Nitrobenzene-d5	46.8 %		29-110			"	"	"

pH in Soil by 9045D

pH	7.91			pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.46			SAR	1	B1K1502	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.10		0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.64	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-13@7.5-10'

11/12/2021 11:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-29 (Soil)

Total Metals by 6020B

Barium	86.3	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.113	0.0259	0.25	"	"	"	"	"	J
Copper	4.46	0.0806	0.25	"	"	"	"	"	
Lead	5.32	0.031	0.25	"	"	"	"	"	
Nickel	4.46	0.0633	0.25	"	"	"	"	"	
Selenium	0.176	0.103	0.25	"	"	"	"	"	J
Silver	0.02	0.0067	0.25	"	"	"	"	"	J
Zinc	21.4	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@5-7.5'

11/12/2021 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-30 (Soil)

Boron (DTPA Sorbitol)

Boron	0.719	0.200	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	93.5 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@5-7.5'

11/12/2021 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-30 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.5 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	16.6	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	10.2	0.823	"	"	"	"	"
Sodium	15.9	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@5-7.5'

11/12/2021 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-30 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	64.2 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	80.1 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	48 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.99	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.36	SAR	1	B1K1502	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.17	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.57	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@5-7.5'

11/12/2021 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-30 (Soil)

Total Metals by 6020B

Barium	92.5	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.109	0.0259	0.25	"	"	"	"	"	J
Copper	4.37	0.0806	0.25	"	"	"	"	"	
Lead	5.49	0.031	0.25	"	"	"	"	"	
Nickel	4.87	0.0633	0.25	"	"	"	"	"	
Selenium	0.149	0.103	0.25	"	"	"	"	"	J
Silver	0.0156	0.0067	0.25	"	"	"	"	"	J
Zinc	22.8	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.246	0.505	mg/Kg	1	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@7.5-10'

11/12/2021 11:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-31 (Soil)

Boron (DTPA Sorbitol)

Boron	0.342	0.201	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	86.8 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	117 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@7.5-10'

11/12/2021 11:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-31 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.7 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	25.9	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	9.37	0.823	"	"	"	"	"
Sodium	10.6	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-14@7.5-10'

11/12/2021 11:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-31 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585494	11/18/2021	11/18/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	63.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	76.7 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	47.1 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.87	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.52	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.20	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.7	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-14@7.5-10'

11/12/2021 11:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-31 (Soil)

Total Metals by 6020B

Barium	64.4	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.137	0.0259	0.25	"	"	"	"	"	J
Copper	6.47	0.0806	0.25	"	"	"	"	"	
Lead	6.91	0.031	0.25	"	"	"	"	"	
Nickel	6.09	0.0633	0.25	"	"	"	"	"	
Selenium	0.153	0.103	0.25	"	"	"	"	"	J
Silver	0.0321	0.0067	0.25	"	"	"	"	"	J
Zinc	31.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@5-7.5'

11/12/2021 12:06:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-32 (Soil)

Boron (DTPA Sorbitol)

Boron	0.722	0.201	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	99.7 %	50-150	"	"	"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	119 %	70-130	"	"	"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@5-7.5'

11/12/2021 12:06:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-32 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.0 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	12.8	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	7.29	0.823	"	"	"	"	"
Sodium	14.6	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@5-7.5'

11/12/2021 12:06:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-32 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	60.8 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	76 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	46.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	8.00	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.61	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.82	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.78	0.0855	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@5-7.5'

11/12/2021 12:06:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-32 (Soil)

Total Metals by 6020B

Barium	48	0.042	0.25	mg/Kg	5	L585110	11/16/2021	11/20/2021	
Cadmium	0.0905	0.0259	0.25	"	"	"	"	"	J
Copper	4.01	0.0806	0.25	"	"	"	"	"	
Lead	5.71	0.031	0.25	"	"	"	"	"	
Nickel	4.27	0.0633	0.25	"	"	"	"	"	
Selenium	0.134	0.103	0.25	"	"	"	"	"	J
Silver	0.0196	0.0067	0.25	"	"	"	"	"	J
Zinc	20.7	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L585238	11/12/2021	11/17/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@7.5-10'

11/12/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-33 (Soil)

Boron (DTPA Sorbitol)

Boron	0.394	0.197	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	98.0 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	117 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@7.5-10'

11/12/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-33 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.6 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	11.5	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	6.02	0.823	"	"	"	"	"
Sodium	8.34	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

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 - Wells Ranch AA #21-04

SB-15@7.5-10'

11/12/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-33 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	59.5 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	74.6 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	45 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.92	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.82	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.17	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.492	1.01	mg/Kg	2	L585238	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-15@7.5-10'

11/12/2021 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-33 (Soil)

Total Metals by 6020B

Arsenic	1.76	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Barium	87.7	0.042	0.25	"	"	"	"	"	
Cadmium	0.173	0.0259	0.25	"	"	"	"	"	J
Copper	8.14	0.0806	0.25	"	"	"	"	"	
Lead	9.11	0.031	0.25	"	"	"	"	"	
Nickel	7.74	0.0633	0.25	"	"	"	"	"	
Selenium	0.169	0.103	0.25	"	"	"	"	"	J
Silver	0.0423	0.0067	0.25	"	"	"	"	"	J
Zinc	41.1	0.534	2.5	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-16@5-7.5'

11/12/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-34 (Soil)

Boron (DTPA Sorbitol)

Boron	0.537	0.199	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	96.5 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@5-7.5'

11/12/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111259-34 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.0 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	19.8	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	11.5	0.823	"	"	"	"	"
Sodium	12.4	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@5-7.5'

11/12/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-34 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	60.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	73.7 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	44.7 %	29-110	"	"	"

pH in Soil by 9045D

pH	8.01	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.13	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.10	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 7196A

Chromium, Hexavalent	ND	0.246	0.505	mg/Kg	1	L585238	11/12/2021	11/17/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@5-7.5'

11/12/2021 12:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-34 (Soil)

Total Metals by 6020B

Arsenic	1.65	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Barium	69.3	0.042	0.25	"	"	"	"	"	
Cadmium	0.0742	0.0259	0.25	"	"	"	"	"	J
Copper	3.96	0.0806	0.25	"	"	"	"	"	
Lead	5.53	0.031	0.25	"	"	"	"	"	
Nickel	4.14	0.0633	0.25	"	"	"	"	"	
Selenium	0.108	0.103	0.25	"	"	"	"	"	J
Silver	0.0167	0.0067	0.25	"	"	"	"	"	J
Zinc	20.7	0.534	2.5	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@7.5-10'

11/12/2021 12:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-35 (Soil)

Boron (DTPA Sorbitol)

Boron	0.380	0.200	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	105 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@7.5-10'

11/12/2021 12:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-35 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	97.9 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	94.4 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	13.0	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	5.60	0.823	"	"	"	"	"
Sodium	7.60	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@7.5-10'

11/12/2021 12:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-35 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	61.2 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	77.4 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	47.4 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.59	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	2.49	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.16	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.84	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-16@7.5-10'

11/12/2021 12:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-35 (Soil)

Total Metals by 6020B

Barium	88.1	0.042	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Cadmium	0.0985	0.0259	0.25	"	"	"	"	"	J
Copper	4.58	0.0806	0.25	"	"	"	"	"	
Lead	5.51	0.031	0.25	"	"	"	"	"	
Nickel	4.71	0.0633	0.25	"	"	"	"	"	
Selenium	0.137	0.103	0.25	"	"	"	"	"	J
Silver	0.0251	0.0067	0.25	"	"	"	"	"	J
Zinc	23	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585510	11/12/2021	11/18/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@5-7.5'

11/12/2021 11:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-36 (Soil)

Boron (DTPA Sorbitol)

Boron	0.284	0.203	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.0 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@5-7.5'

11/12/2021 11:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-36 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.0 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	95.2 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	7.13	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	4.54	0.823	"	"	"	"	"
Sodium	7.26	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@5-7.5'

11/12/2021 11:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-36 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	64 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	80.2 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	49.1 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.87	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.00	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.62	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.6	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@5-7.5'

11/12/2021 11:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-36 (Soil)

Total Metals by 6020B

Barium	89.3	0.042	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Cadmium	0.0932	0.0259	0.25	"	"	"	"	"	J
Copper	3.9	0.0806	0.25	"	"	"	"	"	
Lead	5.07	0.031	0.25	"	"	"	"	"	
Nickel	4.29	0.0633	0.25	"	"	"	"	"	
Selenium	0.148	0.103	0.25	"	"	"	"	"	J
Silver	0.0176	0.0067	0.25	"	"	"	"	"	J
Zinc	21.9	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585510	11/12/2021	11/18/2021	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@7.5-10'

11/12/2021 11:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-37 (Soil)

Boron (DTPA Sorbitol)

Boron	0.277	0.198	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	99.4 %	50-150	"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130	"	"	"
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@7.5-10'

11/12/2021 11:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-37 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.4 %		70-130			B1K17 19	11/17/2021	11/20/2021	
Surrogate: 4-Bromofluorobenzene	100 %		70-130			"	"	"	

Metals by Saturated Paste

Calcium	9.36		0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021	
Magnesium	3.88		0.823	"	"	"	"	"	
Sodium	8.21		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021	
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"	
Anthracene	ND	0.00033	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"	
Chrysene	ND	0.00027	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"	

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 - Wells Ranch AA #21-04

SB-17@7.5-10'

11/12/2021 11:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-37 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	63 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	80.6 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	50 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.87	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	3.19	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.85	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.57	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021
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Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-17@7.5-10'

11/12/2021 11:56:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-37 (Soil)

Total Metals by 6020B

Barium	58.5	0.042	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Cadmium	0.113	0.0259	0.25	"	"	"	"	"	J
Copper	4.54	0.0806	0.25	"	"	"	"	"	
Lead	5.43	0.031	0.25	"	"	"	"	"	
Nickel	4.99	0.0633	0.25	"	"	"	"	"	
Selenium	0.154	0.103	0.25	"	"	"	"	"	J
Silver	0.0232	0.0067	0.25	"	"	"	"	"	J
Zinc	23.6	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585510	11/12/2021	11/18/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@5-7.5'

11/12/2021 11:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-38 (Soil)

Boron (DTPA Sorbitol)

Boron	0.364	0.202	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.2 %	50-150			"	"	"
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@5-7.5'

11/12/2021 11:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-38 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	98.3 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	7.31	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	4.23	0.823	"	"	"	"	"
Sodium	10.9	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	ND	0.00033	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00013	0.00067	"	"	"	"	"
Chrysene	ND	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	ND	0.00039	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@5-7.5'

11/12/2021 11:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-38 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
Indeno(1,2,3-cd)pyrene	ND	0.00029	0.00067	"	"	"	"	"
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"
Pyrene	ND	0.00059	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	59.3 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	77.4 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	46.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	7.99	pH Units	1	B1K1513	11/15/2021	11/16/2021
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SAR by 20B Saturated Paste

SAR	4.53	SAR	1	B1K1505	11/15/2021	11/16/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.89	0.00500	mmhos/cm	1	B1K1509	11/15/2021	11/16/2021
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Total Metals by 6020B

Arsenic	1.66	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@5-7.5'

11/12/2021 11:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.

Y111259-38 (Soil)

Total Metals by 6020B

Barium	111	0.042	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Cadmium	0.0921	0.0259	0.25	"	"	"	"	"	J
Copper	4.24	0.0806	0.25	"	"	"	"	"	
Lead	5	0.031	0.25	"	"	"	"	"	
Nickel	4.34	0.0633	0.25	"	"	"	"	"	
Selenium	0.155	0.103	0.25	"	"	"	"	"	J
Silver	0.0177	0.0067	0.25	"	"	"	"	"	J
Zinc	22.9	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L585510	11/12/2021	11/18/2021	
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Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@7.5-10'

11/12/2021 11:43:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-39 (Soil)

Boron (DTPA Sorbitol)

Boron	0.298	0.198	mg/L	1	B1K1508	11/15/2021	11/16/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B1K1518	11/15/2021	11/19/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	83.1 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B1K1719	11/17/2021	11/20/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@7.5-10'

11/12/2021 11:43:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y111259-39 (Soil)

GBTEX+TMBs

Surrogate: Toluene-d8	99.0 %	70-130	B1K17 19	11/17/2021	11/20/2021
Surrogate: 4-Bromofluorobenzene	99.4 %	70-130	"	"	"

Metals by Saturated Paste

Calcium	10.8	0.499	meq/L	10	[CALC]	11/15/2021	11/16/2021
Magnesium	3.79	0.823	"	"	"	"	"
Sodium	8.62	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00033	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021
2-Methylnaphthalene	ND	0.00039	0.00067	"	"	"	"	"
Acenaphthene	ND	0.0003	0.00067	"	"	"	"	"
Anthracene	0.000585	0.00033	0.00067	"	"	"	"	" J
Benzo(a)anthracene	0.00482	0.00041	0.00067	"	"	"	"	"
Benzo(a)pyrene	0.00275	0.00014	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	0.00705	0.00021	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	0.00259	0.00013	0.00067	"	"	"	"	"
Chrysene	0.00532	0.00027	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00036	0.00067	"	"	"	"	"
Fluoranthene	0.00138	0.00039	0.00067	"	"	"	"	"
Fluorene	ND	0.00029	0.00067	"	"	"	"	"

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@7.5-10'

11/12/2021 11:43:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-39 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	0.00409	0.00029	0.00067	mg/Kg	1	L585752	11/19/2021	11/19/2021	
Naphthalene	ND	0.000467	0.00067	"	"	"	"	"	
Pyrene	0.000804	0.00059	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	60.5 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	76.2 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	47.9 %		29-110			"	"	"	

pH in Soil by 9045D

pH	7.90			pH Units	1	B1K1513	11/15/2021	11/16/2021	
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SAR by 20B Saturated Paste

SAR	3.19			SAR	1	B1K1505	11/15/2021	11/16/2021	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.94		0.00500	mmhos/cm	1	B1K1510	11/15/2021	11/16/2021	
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Total Metals by 6020B

Arsenic	1.65	0.0855	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	
Barium	71.9	0.042	0.25	"	"	"	"	"	

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

SB-18@7.5-10'

11/12/2021 11:43:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y111259-39 (Soil)

Total Metals by 6020B

Cadmium	0.113	0.0259	0.25	mg/Kg	5	L585111	11/16/2021	11/20/2021	J
Copper	5.09	0.0806	0.25	"	"	"	"	"	
Lead	5.7	0.031	0.25	"	"	"	"	"	
Nickel	5.25	0.0633	0.25	"	"	"	"	"	
Selenium	0.123	0.103	0.25	"	"	"	"	"	J
Silver	0.0254	0.0067	0.25	"	"	"	"	"	J
Zinc	24.4	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.492	1.01	mg/Kg	2	L585510	11/12/2021	11/18/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1517 - EPA 3550B										
Blank (B1K1517-BLK1)					Prepared: 11/15/2021 Analyzed: 11/18/2021					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		92.5	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1517 - EPA 3550B

LCS (B1K1517-BS1)

Prepared: 11/15/2021 Analyzed: 11/19/2021

Diesel (C10-C28)	853	50.0	mg/kg	1000		85.3	70-130			
Residual Range Organics (C28-C40)	1070	200	"	1000		107	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.5	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1517 - EPA 3550B

Matrix Spike (B1K1517-MS1)		Source: Y111259-01			Prepared: 11/15/2021 Analyzed: 11/18/2021					
Diesel (C10-C28)	748	50.0	mg/kg	1000	ND	74.8	70-130			
Residual Range Organics (C28-C40)	691	200	"	1000	ND	69.1	70-130			QM-07
Surrogate: o-Terphenyl	44		"	49.8		87.7	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1517 - EPA 3550B

Matrix Spike Dup (B1K1517-MSD1)		Source: Y111259-01			Prepared: 11/15/2021 Analyzed: 11/18/2021					
Diesel (C10-C28)	956	50.0	mg/kg	1000	ND	95.6	70-130	24.5	35	
Residual Range Organics (C28-C40)	903	200	"	1000	ND	90.3	70-130	26.6	35	
Surrogate: o-Terphenyl	48		"	49.8		96.4	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1518 - EPA 3550B										
Blank (B1K1518-BLK1)					Prepared: 11/15/2021 Analyzed: 11/18/2021					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		92.7	50-150			

Origins Laboratory, Inc.



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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1518 - EPA 3550B

LCS (B1K1518-BS1)

Prepared: 11/15/2021 Analyzed: 11/18/2021

Diesel (C10-C28)	981	50.0	mg/kg	1000		98.1	70-130			
Residual Range Organics (C28-C40)	914	200	"	1000		91.4	70-130			
Surrogate: o-Terphenyl	57		"	49.8		114	50-150			

Origins Laboratory, Inc.



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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1518 - EPA 3550B

Matrix Spike (B1K1518-MS1)		Source: Y111259-21			Prepared: 11/15/2021 Analyzed: 11/18/2021					
Diesel (C10-C28)	1870	50.0	mg/kg	1000	ND	187	70-130			QM-07
Residual Range Organics (C28-C40)	1770	200	"	1000	ND	177	70-130			QM-07
Surrogate: o-Terphenyl	56		"	49.8		113	50-150			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1518 - EPA 3550B

Matrix Spike Dup (B1K1518-MSD1)		Source: Y111259-21			Prepared: 11/15/2021 Analyzed: 11/18/2021					
Diesel (C10-C28)	997	50.0	mg/kg	1000	ND	99.7	70-130	60.8	35	QM-07
Residual Range Organics (C28-C40)	928	200	"	1000	ND	92.8	70-130	62.5	35	QM-07
Surrogate: o-Terphenyl	52		"	49.8		105	50-150			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1718 - EPA 5030 (soil)										
Blank (B1K1718-BLK1)					Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.0100	"							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Xylenes, total	ND	0.00200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	103		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	98.8		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	101		70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1718 - EPA 5030 (soil)										
LCS (B1K1718-BS1)					Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	0.100	0.00200	mg/kg	0.100		100	70-130			
Naphthalene	0.109	0.0100	"	0.100		109	70-130			
1,3,5-Trimethylbenzene	0.0982	0.00200	"	0.100		98.2	70-130			
Benzene	0.0930	0.00200	"	0.100		93.0	70-130			
Ethylbenzene	0.0950	0.00200	"	0.100		95.0	70-130			
m,p-Xylene	0.197	0.00400	"	0.200		98.6	70-130			
o-Xylene	0.0956	0.00200	"	0.100		95.6	70-130			
Toluene	0.0941	0.00200	"	0.100		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1718 - EPA 5030 (soil)

Matrix Spike (B1K1718-MS1)		Source: Y111259-01			Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	0.0949	0.00200	mg/kg	0.100	0.000660	94.2	70-130			
Naphthalene	0.116	0.0100	"	0.100	0.00336	113	70-130			
1,3,5-Trimethylbenzene	0.0938	0.00200	"	0.100	ND	93.8	70-130			
Benzene	0.0940	0.00200	"	0.100	ND	94.0	70-130			
Ethylbenzene	0.0912	0.00200	"	0.100	ND	91.2	70-130			
m,p-Xylene	0.181	0.00400	"	0.200	0.00114	90.0	70-130			
o-Xylene	0.0938	0.00200	"	0.100	ND	93.8	70-130			
Toluene	0.0917	0.00200	"	0.100	ND	91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		111	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1718 - EPA 5030 (soil)										
Matrix Spike Dup (B1K1718-MSD1)		Source: Y111259-01			Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	0.0935	0.00200	mg/kg	0.100	0.000660	92.9	70-130	1.44	20	
Naphthalene	0.116	0.0100	"	0.100	0.00336	113	70-130	0.0344	20	
1,3,5-Trimethylbenzene	0.0921	0.00200	"	0.100	ND	92.1	70-130	1.85	20	
Benzene	0.0929	0.00200	"	0.100	ND	92.9	70-130	1.22	20	
Ethylbenzene	0.0895	0.00200	"	0.100	ND	89.5	70-130	1.79	20	
m,p-Xylene	0.178	0.00400	"	0.200	0.00114	88.3	70-130	1.94	20	
o-Xylene	0.0917	0.00200	"	0.100	ND	91.7	70-130	2.26	20	
Toluene	0.0904	0.00200	"	0.100	ND	90.4	70-130	1.43	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		113	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1719 - EPA 5030 (soil)										
Blank (B1K1719-BLK1)					Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.0100	"							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	105		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	99.7		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	98.7		70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1719 - EPA 5030 (soil)										
LCS (B1K1719-BS1)					Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	0.0989	0.00200	mg/kg	0.100		98.9	70-130			
Naphthalene	0.101	0.0100	"	0.100		101	70-130			
1,3,5-Trimethylbenzene	0.0990	0.00200	"	0.100		99.0	70-130			
Benzene	0.0941	0.00200	"	0.100		94.1	70-130			
Ethylbenzene	0.0979	0.00200	"	0.100		97.9	70-130			
m,p-Xylene	0.196	0.00400	"	0.200		97.8	70-130			
o-Xylene	0.0998	0.00200	"	0.100		99.8	70-130			
Toluene	0.0944	0.00200	"	0.100		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1719 - EPA 5030 (soil)

Matrix Spike (B1K1719-MS1)		Source: Y111259-21			Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	0.0860	0.00200	mg/kg	0.100	ND	86.0	70-130			
Naphthalene	0.0933	0.0100	"	0.100	0.00240	90.9	70-130			
1,3,5-Trimethylbenzene	0.0856	0.00200	"	0.100	ND	85.6	70-130			
Benzene	0.0841	0.00200	"	0.100	ND	84.1	70-130			
Ethylbenzene	0.0845	0.00200	"	0.100	ND	84.5	70-130			
m,p-Xylene	0.170	0.00400	"	0.200	ND	84.9	70-130			
o-Xylene	0.0873	0.00200	"	0.100	ND	87.3	70-130			
Toluene	0.0819	0.00200	"	0.100	ND	81.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1719 - EPA 5030 (soil)

Matrix Spike Dup (B1K1719-MSD1)		Source: Y111259-21			Prepared: 11/17/2021 Analyzed: 11/19/2021					
1,2,4-Trimethylbenzene	0.0922	0.00200	mg/kg	0.100	ND	92.2	70-130	6.89	20	
Naphthalene	0.105	0.0100	"	0.100	0.00240	102	70-130	11.3	20	
1,3,5-Trimethylbenzene	0.0908	0.00200	"	0.100	ND	90.8	70-130	5.99	20	
Benzene	0.0897	0.00200	"	0.100	ND	89.7	70-130	6.44	20	
Ethylbenzene	0.0902	0.00200	"	0.100	ND	90.2	70-130	6.55	20	
m,p-Xylene	0.181	0.00400	"	0.200	ND	90.5	70-130	6.40	20	
o-Xylene	0.0923	0.00200	"	0.100	ND	92.3	70-130	5.59	20	
Toluene	0.0880	0.00200	"	0.100	ND	88.0	70-130	7.21	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Saturated Paste - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1K1210 - NO PREP

Duplicate (B1K1210-DUP1)		Source: Y111259-25		Prepared: 11/12/2021 Analyzed: 11/16/2021	
pH	7.95		pH Units	7.74	2.68

Batch B1K1501 - NO PREP

Blank (B1K1501-BLK1)				Prepared: 11/15/2021 Analyzed: 11/16/2021	
Specific Conductance (EC)	0.000800	0.00500	mmhos/cm		
Duplicate (B1K1501-DUP1)				Source: Y111250-01	
				Prepared: 11/15/2021 Analyzed: 11/16/2021	
Specific Conductance (EC)	1.15	0.00500	mmhos/cm	1.33	14.7

Batch B1K1509 - NO PREP

Blank (B1K1509-BLK1)				Prepared: 11/15/2021 Analyzed: 11/16/2021	
Specific Conductance (EC)	0.00150	0.00500	mmhos/cm		
Duplicate (B1K1509-DUP1)		Source: Y111259-19		Prepared: 11/15/2021 Analyzed: 11/16/2021	
Specific Conductance (EC)	2.17	0.00500	mmhos/cm	2.16	0.379

Batch B1K1510 - NO PREP

Blank (B1K1510-BLK1)				Prepared: 11/15/2021 Analyzed: 11/16/2021	
Specific Conductance (EC)	0.00120	0.00500	mmhos/cm		
Duplicate (B1K1510-DUP1)		Source: Y111259-13		Prepared: 11/15/2021 Analyzed: 11/16/2021	

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1K1510 - NO PREP										
Duplicate (B1K1510-DUP1)		Source: Y111259-13			Prepared: 11/15/2021 Analyzed: 11/16/2021					
Specific Conductance (EC)	3.77	0.00500	mmhos/cm		4.04			6.88	25	
Batch B1K1511 - NO PREP										
Duplicate (B1K1511-DUP1)		Source: Y111250-01			Prepared: 11/15/2021 Analyzed: 11/16/2021					
pH	7.36		pH Units		7.38			0.271	25	
Batch B1K1512 - NO PREP										
Duplicate (B1K1512-DUP1)		Source: Y111259-06			Prepared: 11/15/2021 Analyzed: 11/16/2021					
pH	7.88		pH Units		7.72			2.05	25	
Batch B1K1513 - NO PREP										
Duplicate (B1K1513-DUP1)		Source: Y111259-26			Prepared: 11/15/2021 Analyzed: 11/16/2021					
pH	7.64		pH Units		7.80			2.07	25	

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585494 - 3550B

MSD (L 98858-MSD-L585494)		Source: Y111259-12			Prepared: 11/18/2021 Analyzed: 11/18/2021					
Anthracene	0.114	0.00033	mg/Kg	0.164	98858	69.5	30-130	4.2	30	
2-Methylnaphthalene	0.101	0.00039	"	0.164	98858	61.5	30-130	4.8	30	
1-Methylnaphthalene	0.111	0.00033	"	0.164	98858	67.6	30-130	2.6	30	
Acenaphthene	0.119	0.0003	"	0.164	98858	72.5	30-130	4.9	30	
Pyrene	0.122	0.00059	"	0.164	98858	74.3	30-130	3.2	30	
Benzo(k)fluoranthene	0.0956	0.00013	"	0.164	98858	58.2	30-130	4.2	30	
Naphthalene	0.104	0.000467	"	0.164	98858	63.4	30-130	4.6	30	
Indeno(1,2,3-cd)pyrene	0.108	0.00029	"	0.164	98858	65.8	30-130	5.4	30	
Fluorene	0.116	0.00029	"	0.164	98858	70.7	30-130	3.3	30	
Fluoranthene	0.124	0.00039	"	0.164	98858	75.6	30-130	0.8	30	
Dibenz(a,h)anthracene	0.126	0.00036	"	0.164	98858	76.8	30-130	7.6	30	
Chrysene	0.127	0.00027	"	0.164	98858	77.4	30-130	3.1	30	
Benzo(a)pyrene	0.145	0.00014	"	0.164	98858	88.4	30-130	2.7	30	
Benzo(a)anthracene	0.12	0.00041	"	0.164	98858	73.1	30-130	2.4	30	
Benzo(b)fluoranthene	0.0987	0.00021	"	0.164	98858	60.1	30-130	8	30	
Surrogate: 2-Fluorobiphenyl	53.7		"	0.329	162	53.7	33-115			
Surrogate: Nitrobenzene-d5	39.5		"	0.329	125	39.5	29-110			
Surrogate: 4-Terphenyl-d14	68.3		"	0.329	215	68.3	33-122			

MS (L 98858-MS-L585494)		Source: Y111259-12			Prepared: 11/18/2021 Analyzed: 11/18/2021					
Benzo(k)fluoranthene	0.0998	0.00013	mg/Kg	0.166	98858	60.1	30-130			
Chrysene	0.131	0.00027	"	0.166	98858	78.9	30-130			
Dibenz(a,h)anthracene	0.136	0.00036	"	0.166	98858	81.9	30-130			
Fluoranthene	0.125	0.00039	"	0.166	98858	75.3	30-130			
Indeno(1,2,3-cd)pyrene	0.114	0.00029	"	0.166	98858	68.6	30-130			
Naphthalene	0.109	0.000467	"	0.166	98858	65.6	30-130			
Benzo(b)fluoranthene	0.107	0.00021	"	0.166	98858	64.4	30-130			

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585494 - 3550B

MS (L 98858-MS-L585494)		Source: Y111259-12			Prepared: 11/18/2021 Analyzed: 11/18/2021					
Fluorene	0.12	0.00029	mg/Kg	0.166	98858	72.2	30-130			
Benzo(a)pyrene	0.149	0.00014	"	0.166	98858	89.7	30-130			
Benzo(a)anthracene	0.123	0.00041	"	0.166	98858	74	30-130			
Anthracene	0.119	0.00033	"	0.166	98858	71.6	30-130			
Acenaphthene	0.125	0.0003	"	0.166	98858	75.3	30-130			
Pyrene	0.126	0.00059	"	0.166	98858	75.9	30-130			
1-Methylnaphthalene	0.114	0.00033	"	0.166	98858	68.6	30-130			
2-Methylnaphthalene	0.106	0.00039	"	0.166	98858	63.8	30-130			
Surrogate: 4-Terphenyl-d14	70.9		"	0.331	215	70.9	33-122			
Surrogate: Nitrobenzene-d5	41.6		"	0.331	125	41.6	29-110			
Surrogate: 2-Fluorobiphenyl	54.6		"	0.331	162	54.6	33-115			

LCS (LCS-L585494)

Prepared: 11/18/2021 Analyzed: 11/18/2021

Benzo(k)fluoranthene	0.127	0.00013	mg/Kg	0.167		76	30-130			
Pyrene	0.137	0.00059	"	0.167		82	30-130			
Indeno(1,2,3-cd)pyrene	0.149	0.00029	"	0.167		89.2	30-130			
Fluorene	0.132	0.00029	"	0.167		79	30-130			
1-Methylnaphthalene	0.122	0.00033	"	0.167		73	30-130			
2-Methylnaphthalene	0.114	0.00039	"	0.167		68.2	30-130			
Dibenz(a,h)anthracene	0.164	0.00036	"	0.167		98.2	30-130			
Acenaphthene	0.13	0.0003	"	0.167		77.8	30-130			
Anthracene	0.134	0.00033	"	0.167		80.2	30-130			
Fluoranthene	0.137	0.00039	"	0.167		82	30-130			
Benzo(a)anthracene	0.135	0.00041	"	0.167		80.8	30-130			
Benzo(a)pyrene	0.146	0.00014	"	0.167		87.4	30-130			
Benzo(b)fluoranthene	0.147	0.00021	"	0.167		88	30-130			
Chrysene	0.144	0.00027	"	0.167		86.2	30-130			

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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585494 - 3550B

LCS (LCS-L585494)

Prepared: 11/18/2021 Analyzed: 11/18/2021

Naphthalene	0.118	0.000467	mg/Kg	0.167		70.6	30-130			
Surrogate: 4-Terphenyl-d14	80.1		"	0.333		80.1	33-122			
Surrogate: Nitrobenzene-d5	49.5		"	0.333		49.5	29-110			
Surrogate: 2-Fluorobiphenyl	63.3		"	0.333		63.3	33-115			

LRB (LRB-L585494)

Prepared: 11/18/2021 Analyzed: 11/18/2021

Benzo(a)pyrene	ND	0.00067	mg/Kg				-			
1-Methylnaphthalene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Surrogate: 4-Terphenyl-d14	81.9		"	0.333		81.9	33-122			
Surrogate: Nitrobenzene-d5	52.2		"	0.333		52.2	29-110			
Surrogate: 2-Fluorobiphenyl	69.9		"	0.333		69.9	33-115			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585752 - 3550B

MSD (L 98878-MSD-L585752)		Source: Y111259-32			Prepared: 11/19/2021 Analyzed: 11/19/2021					
Fluoranthene	0.137	0.00039	mg/Kg	0.166	98878	82.5	30-130	2.1	30	
Benzo(b)fluoranthene	0.091	0.00021	"	0.166	98878	54.8	30-130	3.3	30	
1-Methylnaphthalene	0.124	0.00033	"	0.166	98878	74.6	30-130	1.6	30	
2-Methylnaphthalene	0.119	0.00039	"	0.166	98878	71.6	30-130	0.8	30	
Acenaphthene	0.132	0.0003	"	0.166	98878	79.5	30-130	2.9	30	
Anthracene	0.134	0.00033	"	0.166	98878	80.7	30-130	2.2	30	
Indeno(1,2,3-cd)pyrene	0.105	0.00029	"	0.166	98878	63.2	30-130	14.1	30	
Benzo(a)pyrene	0.133	0.00014	"	0.166	98878	80.1	30-130	5.8	30	
Pyrene	0.134	0.00059	"	0.166	98878	80.7	30-130	0.7	30	
Benzo(k)fluoranthene	0.0818	0.00013	"	0.166	98878	49.2	30-130	3.1	30	
Chrysene	0.136	0.00027	"	0.166	98878	81.9	30-130	0.7	30	
Dibenz(a,h)anthracene	0.124	0.00036	"	0.166	98878	74.6	30-130	12.1	30	
Fluorene	0.133	0.00029	"	0.166	98878	80.1	30-130	3.6	30	
Naphthalene	0.117	0.000467	"	0.166	98878	70.4	30-130	3.3	30	
Benzo(a)anthracene	0.134	0.00041	"	0.166	98878	80.7	30-130	3.6	30	
Surrogate: 2-Fluorobiphenyl	60.2		"	0.332	200	60.2	33-115			
Surrogate: 4-Terphenyl-d14	75.6		"	0.332	250	75.6	33-122			
Surrogate: Nitrobenzene-d5	44.8		"	0.332	152	44.8	29-110			

MS (L 98878-MS-L585752)		Source: Y111259-32			Prepared: 11/19/2021 Analyzed: 11/19/2021					
Fluorene	0.138	0.00029	mg/Kg	0.166	98878	83.1	30-130			
Acenaphthene	0.136	0.0003	"	0.166	98878	81.9	30-130			
Naphthalene	0.121	0.000467	"	0.166	98878	72.8	30-130			
Pyrene	0.133	0.00059	"	0.166	98878	80.1	30-130			
1-Methylnaphthalene	0.122	0.00033	"	0.166	98878	73.4	30-130			
Anthracene	0.137	0.00033	"	0.166	98878	82.5	30-130			
Benzo(a)anthracene	0.139	0.00041	"	0.166	98878	83.7	30-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585752 - 3550B

MS (L 98878-MS-L585752)		Source: Y111259-32			Prepared: 11/19/2021 Analyzed: 11/19/2021					
Benzo(a)pyrene	0.141	0.00014	mg/Kg	0.166	98878	84.9	30-130			
Indeno(1,2,3-cd)pyrene	0.121	0.00029	"	0.166	98878	72.8	30-130			
Benzo(k)fluoranthene	0.0793	0.00013	"	0.166	98878	47.7	30-130			
Chrysene	0.137	0.00027	"	0.166	98878	82.5	30-130			
Dibenz(a,h)anthracene	0.14	0.00036	"	0.166	98878	84.3	30-130			
Fluoranthene	0.14	0.00039	"	0.166	98878	84.3	30-130			
Benzo(b)fluoranthene	0.088	0.00021	"	0.166	98878	53	30-130			
2-Methylnaphthalene	0.12	0.00039	"	0.166	98878	72.2	30-130			
Surrogate: 2-Fluorobiphenyl	63.2		"	0.332	200	63.2	33-115			
Surrogate: 4-Terphenyl-d14	78.9		"	0.332	250	78.9	33-122			
Surrogate: Nitrobenzene-d5	48.1		"	0.332	152	48.1	29-110			

LCS (LCS-L585752)		Prepared: 11/19/2021 Analyzed: 11/19/2021								
Dibenz(a,h)anthracene	0.167	0.00036	mg/Kg	0.167		100	30-130			
Fluoranthene	0.138	0.00039	"	0.167		82.6	30-130			
Fluorene	0.132	0.00029	"	0.167		79	30-130			
Indeno(1,2,3-cd)pyrene	0.142	0.00029	"	0.167		85	30-130			
Naphthalene	0.12	0.000467	"	0.167		71.8	30-130			
Pyrene	0.138	0.00059	"	0.167		82.6	30-130			
Chrysene	0.132	0.00027	"	0.167		79	30-130			
Benzo(k)fluoranthene	0.109	0.00013	"	0.167		65.2	30-130			
Benzo(b)fluoranthene	0.116	0.00021	"	0.167		69.4	30-130			
Benzo(a)pyrene	0.132	0.00014	"	0.167		79	30-130			
Benzo(a)anthracene	0.136	0.00041	"	0.167		81.4	30-130			
Anthracene	0.131	0.00033	"	0.167		78.4	30-130			
Acenaphthene	0.129	0.0003	"	0.167		77.2	30-130			
2-Methylnaphthalene	0.119	0.00039	"	0.167		71.2	30-130			

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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585752 - 3550B										
LCS (LCS-L585752)					Prepared: 11/19/2021 Analyzed: 11/19/2021					
1-Methylnaphthalene	0.125	0.00033	mg/Kg	0.167		74.8	30-130			
Surrogate: 2-Fluorobiphenyl	64.8		"	0.333	64.8		33-115			
Surrogate: Nitrobenzene-d5	48		"	0.333	48		29-110			
Surrogate: 4-Terphenyl-d14	80.4		"	0.333	80.4		33-122			
LRB (LRB-L585752)					Prepared: 11/19/2021 Analyzed: 11/19/2021					
Benzo(b)fluoranthene	ND	0.00067	mg/Kg				-			
Naphthalene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	47.1		"	0.333	47.1		29-110			
Surrogate: 4-Terphenyl-d14	81.6		"	0.333	81.6		33-122			
Surrogate: 2-Fluorobiphenyl	64.8		"	0.333	64.8		33-115			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585419 - 3550B

MSD (L 98279-MSD-L585419)		Source: 98279			Prepared: 11/18/2021 Analyzed: 11/18/2021					
Fluoranthene	0.144	0.00039	mg/Kg	0.163	98279	88.3	30-130	0	30	
2-Methylnaphthalene	0.126	0.00039	"	0.163	0.000841	76.7	30-130	4.8	30	
Benzo(b)fluoranthene	0.155	0.00021	"	0.163	98279	95	30-130	2.5	30	
Benzo(k)fluoranthene	0.181	0.00013	"	0.163	98279	111	30-130	4.3	30	
Benzo(a)pyrene	0.156	0.00014	"	0.163	98279	95.7	30-130	1.2	30	
Pyrene	0.141	0.00059	"	0.163	98279	86.5	30-130	1.4	30	
Naphthalene	0.122	0.000467	"	0.163	0.000601	74.8	30-130	4.1	30	
Acenaphthene	0.135	0.0003	"	0.163	0.000354	82.8	30-130	3	30	
Fluorene	0.139	0.00029	"	0.163	98279	85.2	30-130	2.1	30	
Dibenz(a,h)anthracene	0.196	0.00036	"	0.163	98279	120	30-130	26.9	30	
Chrysene	0.134	0.00027	"	0.163	0.000596	82.2	30-130	1.5	30	
Indeno(1,2,3-cd)pyrene	0.175	0.00029	"	0.163	98279	107	30-130	29.6	30	
Benzo(a)anthracene	0.137	0.00041	"	0.163	98279	84	30-130	2.1	30	
1-Methylnaphthalene	0.127	0.00033	"	0.163	0.000504	77.9	30-130	4.8	30	
Anthracene	0.135	0.00033	"	0.163	98279	82.8	30-130	0.7	30	
Surrogate: 4-Terphenyl-d14	73.7		"	0.327	236	73.7	33-122			
Surrogate: 2-Fluorobiphenyl	62.9		"	0.327	201	62.9	33-115			
Surrogate: Nitrobenzene-d5	52.2		"	0.327	163	52.2	29-110			

MS (L 98279-MS-L585419)		Source: 98279			Prepared: 11/18/2021 Analyzed: 11/18/2021					
1-Methylnaphthalene	0.121	0.00033	mg/Kg	0.163	0.000504	74.2	30-130			
Pyrene	0.143	0.00059	"	0.163	98279	87.7	30-130			
Naphthalene	0.117	0.000467	"	0.163	0.000601	71.7	30-130			
Acenaphthene	0.131	0.0003	"	0.163	0.000354	80.3	30-130			
Indeno(1,2,3-cd)pyrene	0.236	0.00029	"	0.163	98279	145	30-130			*
Fluorene	0.136	0.00029	"	0.163	98279	83.4	30-130			
Fluoranthene	0.144	0.00039	"	0.163	98279	88.3	30-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585419 - 3550B

MS (L 98279-MS-L585419)		Source: 98279			Prepared: 11/18/2021 Analyzed: 11/18/2021					
Dibenz(a,h)anthracene	0.257	0.00036	mg/Kg	0.163	98279	158	30-130			*
Chrysene	0.132	0.00027	"	0.163	0.000596	80.9	30-130			
Anthracene	0.136	0.00033	"	0.163	98279	83.4	30-130			
Benzo(k)fluoranthene	0.189	0.00013	"	0.163	98279	116	30-130			
Benzo(b)fluoranthene	0.159	0.00021	"	0.163	98279	97.5	30-130			
Benzo(a)pyrene	0.154	0.00014	"	0.163	98279	94.4	30-130			
Benzo(a)anthracene	0.14	0.00041	"	0.163	98279	85.8	30-130			
2-Methylnaphthalene	0.12	0.00039	"	0.163	0.000841	73.1	30-130			
Surrogate: Nitrobenzene-d5	49		"	0.326	163	49	29-110			
Surrogate: 4-Terphenyl-d14	73.3		"	0.326	236	73.3	33-122			
Surrogate: 2-Fluorobiphenyl	59.8		"	0.326	201	59.8	33-115			

LCS (LCS-L585419)

Prepared: 11/18/2021 Analyzed: 11/18/2021

Chrysene	0.133	0.00027	mg/Kg	0.167		79.6	30-130
Pyrene	0.141	0.00059	"	0.167		84.4	30-130
Benzo(a)anthracene	0.137	0.00041	"	0.167		82	30-130
1-Methylnaphthalene	0.122	0.00033	"	0.167		73	30-130
2-Methylnaphthalene	0.12	0.00039	"	0.167		71.8	30-130
Fluoranthene	0.143	0.00039	"	0.167		85.6	30-130
Anthracene	0.135	0.00033	"	0.167		80.8	30-130
Naphthalene	0.117	0.000467	"	0.167		70	30-130
Benzo(a)pyrene	0.157	0.00014	"	0.167		94	30-130
Benzo(b)fluoranthene	0.161	0.00021	"	0.167		96.4	30-130
Benzo(k)fluoranthene	0.166	0.00013	"	0.167		99.4	30-130
Dibenz(a,h)anthracene	0.202	0.00036	"	0.167		121	30-130
Fluorene	0.135	0.00029	"	0.167		80.8	30-130
Indeno(1,2,3-cd)pyrene	0.184	0.00029	"	0.167		110	30-130

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Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585419 - 3550B

LCS (LCS-L585419)

Prepared: 11/18/2021 Analyzed: 11/18/2021

Acenaphthene	0.133	0.0003	mg/Kg	0.167		79.6	30-130			
Surrogate: Nitrobenzene-d5	51.3		"	0.333		51.3	29-110			
Surrogate: 2-Fluorobiphenyl	63.9		"	0.333		63.9	33-115			
Surrogate: 4-Terphenyl-d14	76.5		"	0.333		76.5	33-122			

LRB (LRB-L585419)

Prepared: 11/18/2021 Analyzed: 11/18/2021

Benzo(k)fluoranthene	ND	0.00067	mg/Kg				-			
Pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Surrogate: 4-Terphenyl-d14	72.9		"	0.333		72.9	33-122			
Surrogate: Nitrobenzene-d5	45.9		"	0.333		45.9	29-110			
Surrogate: 2-Fluorobiphenyl	58.2		"	0.333		58.2	33-115			

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 - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585110 - 3050B										
MSD (L 98878-MSD-L585110)			Source: Y111259-32		Prepared: 11/16/2021 Analyzed: 11/20/2021					
Cadmium	0.555	0.0259	mg/Kg	0.485	0.0905	114	75-125	1.4	80	
Zinc	47	0.534	"	24.3	20.7	108	75-125	5	80	
Silver	0.471	0.0067	"	0.485	0.0196	97	75-125	0.6	80	
Selenium	3.84	0.103	"	4.85	0.134	79	75-125	0	80	
Nickel	7.2	0.0633	"	2.43	4.27	121	75-125	5.8	80	
Copper	6.81	0.0806	"	2.43	4.01	115	75-125	6.5	80	
Barium	58.2	0.042	"	4.85	48	210	75-125	2.4	80	*
Arsenic	3.88	0.0855	"	2.43	1.78	87	75-125	6.1	80	
Lead	8.07	0.031	"	2.43	5.71	97	75-125	9.6	80	
MS (L 98878-MS-L585110)			Source: Y111259-32		Prepared: 11/16/2021 Analyzed: 11/20/2021					
Barium	56.8	0.042	mg/Kg	4.92	48	179	75-125			*
Arsenic	3.65	0.0855	"	2.46	1.78	76	75-125			
Nickel	6.79	0.0633	"	2.46	4.27	103	75-125			
Lead	7.33	0.031	"	2.46	5.71	66	75-125			*
Copper	6.38	0.0806	"	2.46	4.01	96	75-125			
Silver	0.474	0.0067	"	0.492	0.0196	96	75-125			
Zinc	44.7	0.534	"	24.6	20.7	98	75-125			
Selenium	3.84	0.103	"	4.92	0.134	78	75-125			
Cadmium	0.563	0.0259	"	0.492	0.0905	115	75-125			
LCS (LCS-L585110)			Prepared: 11/16/2021 Analyzed: 11/20/2021							
Cadmium	0.485	0.0259	mg/Kg	0.5		97	80-120			
Barium	4.78	0.042	"	5		96	80-120			
Copper	2.62	0.0806	"	2.5		105	80-120			
Lead	2.4	0.031	"	2.5		96	80-120			
Nickel	2.42	0.0633	"	2.5		97	80-120			

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585110 - 3050B										
LCS (LCS-L585110)					Prepared: 11/16/2021 Analyzed: 11/20/2021					
Selenium	4.68	0.103	mg/Kg	5		94	80-120			
Silver	0.497	0.0067	"	0.5		99	80-120			
Zinc	24.1	0.534	"	25		96	80-120			
Arsenic	2.41	0.0855	"	2.5		96	80-120			
LRB (LRB-L585110)					Prepared: 11/16/2021 Analyzed: 11/20/2021					
Copper	ND	0.25	mg/Kg				-			
Arsenic	ND	0.25	"				-			
Zinc	ND	2.5	"				-			
Silver	ND	0.25	"				-			
Selenium	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Cadmium	ND	0.25	"				-			
Barium	ND	0.25	"				-			
Nickel	ND	0.25	"				-			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 7196A - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585142 -										
DUP (L 98851-DUP)	Source: Y111259-05				Prepared: Analyzed: 11/17/2021					
Chromium, Hexavalent	ND	1.22	mg/Kg		98851	-		0	20	
MS (L 98851-MS)	Source: Y111259-05				Prepared: Analyzed: 11/17/2021					
Chromium, Hexavalent	5.91	1.22	mg/Kg	8.03	98851	74	75-125			*

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 7196A - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585238 -										
DUP (L 98871-DUP)	Source: Y111259-25				Prepared: Analyzed: 11/17/2021					
Chromium, Hexavalent	ND	0.488	mg/Kg		98871	-		0	20	
MS (L 98871-MS)	Source: Y111259-25				Prepared: Analyzed: 11/17/2021					
Chromium, Hexavalent	4.84	1.22	mg/Kg	7.91	98871	61	75-125			*

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585111 - 3050B										
MSD (L 98905-MSD-L585111)			Source: 98905		Prepared: 11/16/2021 Analyzed: 11/20/2021					
Nickel	2.99	0.0633	mg/Kg	2.39	0.663	97	75-125	2.3	80	
Zinc	27.2	0.534	"	23.9	3.76	98	75-125	3.7	80	
Arsenic	2.31	0.0855	"	2.39	0.254	86	75-125	2.1	80	
Barium	12.7	0.042	"	4.79	9.32	71	75-125	0.7	80	*
Cadmium	0.474	0.0259	"	0.479	98905	99	75-125	5.8	80	
Copper	3.07	0.0806	"	2.39	0.735	98	75-125	0.3	80	
Lead	3.8	0.031	"	2.39	1.31	104	75-125	5.4	80	
Selenium	4.17	0.103	"	4.79	0.168	87	75-125	0.2	80	
Silver	0.458	0.0067	"	0.479	98905	96	75-125	3.7	80	
MS (L 98905-MS-L585111)			Source: 98905		Prepared: 11/16/2021 Analyzed: 11/20/2021					
Silver	0.441	0.0067	mg/Kg	0.46	98905	96	75-125			
Selenium	4.16	0.103	"	4.6	0.168	90	75-125			
Nickel	2.92	0.0633	"	2.3	0.663	98	75-125			
Arsenic	2.26	0.0855	"	2.3	0.254	87	75-125			
Barium	12.8	0.042	"	4.6	9.32	76	75-125			
Cadmium	0.447	0.0259	"	0.46	98905	97	75-125			
Copper	3.08	0.0806	"	2.3	0.735	102	75-125			
Lead	3.6	0.031	"	2.3	1.31	100	75-125			
Zinc	26.2	0.534	"	23	3.76	98	75-125			
LCS (LCS-L585111)			Prepared: 11/16/2021 Analyzed: 11/20/2021							
Zinc	23.7	0.534	mg/Kg	25		95	80-120			
Lead	2.39	0.031	"	2.5		96	80-120			
Copper	2.42	0.0806	"	2.5		97	80-120			
Cadmium	0.487	0.0259	"	0.5		97	80-120			
Barium	4.79	0.042	"	5		96	80-120			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585111 - 3050B

LCS (LCS-L585111)

Prepared: 11/16/2021 Analyzed: 11/20/2021

Nickel	2.3	0.0633	mg/Kg	2.5		92	80-120			
Arsenic	2.31	0.0855	"	2.5		92	80-120			
Silver	0.474	0.0067	"	0.5		95	80-120			
Selenium	4.58	0.103	"	5		92	80-120			

LRB (LRB-L585111)

Prepared: 11/16/2021 Analyzed: 11/20/2021

Cadmium	ND	0.25	mg/Kg				-			
Barium	ND	0.25	"				-			
Copper	ND	0.25	"				-			
Arsenic	ND	0.25	"				-			
Selenium	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Silver	ND	0.25	"				-			
Zinc	ND	2.5	"				-			
Nickel	ND	0.25	"				-			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 7196A - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585237 -										
DUP (L 98861-DUP)	Source: Y111259-15				Prepared: Analyzed: 11/17/2021					
Chromium, Hexavalent	ND	0.488	mg/Kg		98861	-		0	20	
MS (L 98861-MS)	Source: Y111259-15				Prepared: Analyzed: 11/17/2021					
Chromium, Hexavalent	5.53	0.497	mg/Kg	8.2	98861	67	75-125			*
Batch L585510 -										
DUP (L 98881-DUP)	Source: Y111259-35				Prepared: Analyzed: 11/18/2021					
Chromium, Hexavalent	ND	0.488	mg/Kg		98881	-		0	20	
MS (L 98881-MS)	Source: Y111259-35				Prepared: Analyzed: 11/18/2021					
Chromium, Hexavalent	1.45	0.492	mg/Kg	8.09	98881	18	75-125			*
LCS (LCS)					Prepared: Analyzed: 11/18/2021					
Chromium, Hexavalent	7.26	0.244	mg/Kg	8		91	75-125			
LRB (LRB)					Prepared: Analyzed: 11/18/2021					
Chromium, Hexavalent	ND	0.5	mg/Kg							

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585109 - 3050B

MSD (L 98858-MSD-L585109)			Source: Y111259-12			Prepared: 11/16/2021 Analyzed: 11/19/2021				
Arsenic	4.05	0.0855	mg/Kg	2.42	2.51	64	75-125	1.2	80	*
Cadmium	0.636	0.0259	"	0.484	0.182	131	75-125	2.9	80	*
Copper	8.75	0.0806	"	2.42	6.96	74	75-125	9	80	*
Lead	9.79	0.031	"	2.42	8.15	68	75-125	9.8	80	*
Nickel	9.56	0.0633	"	2.42	7.5	85	75-125	8.4	80	
Selenium	3.67	0.103	"	4.84	0.131	76	75-125	8.2	80	
Silver	0.476	0.0067	"	0.484	0.0327	98	75-125	0.8	80	
Zinc	56.2	0.534	"	24.2	35.6	85	75-125	5.7	80	
Barium	105	0.042	"	4.84	69	744	75-125	37.8	80	*
MS (L 98858-MS-L585109)			Source: Y111259-12			Prepared: 11/16/2021 Analyzed: 11/19/2021				
Lead	10.8	0.031	mg/Kg	2.39	8.15	111	75-125			
Barium	154	0.042	"	4.78	69	NR	75-125			*
Copper	9.58	0.0806	"	2.39	6.96	110	75-125			
Nickel	10.4	0.0633	"	2.39	7.5	121	75-125			
Selenium	3.38	0.103	"	4.78	0.131	71	75-125			*
Silver	0.472	0.0067	"	0.478	0.0327	99	75-125			
Zinc	59.5	0.534	"	23.9	35.6	100	75-125			
Cadmium	0.655	0.0259	"	0.478	0.182	137	75-125			*
Arsenic	4	0.0855	"	2.39	2.51	62	75-125			*
LCS (LCS-L585109)			Prepared: 11/16/2021 Analyzed: 11/17/2021							
Barium	4.87	0.042	mg/Kg	5		97	80-120			
Silver	0.494	0.0067	"	0.5		99	80-120			
Selenium	4.74	0.103	"	5		95	80-120			
Nickel	2.52	0.0633	"	2.5		101	80-120			
Lead	2.62	0.031	"	2.5		105	80-120			

Origins Laboratory, Inc.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L585109 - 3050B

LCS (LCS-L585109)

Prepared: 11/16/2021 Analyzed: 11/17/2021

Zinc	24.4	0.534	mg/Kg	25		98	80-120			
Cadmium	0.483	0.0259	"	0.5		97	80-120			
Arsenic	2.36	0.0855	"	2.5		94	80-120			
Copper	2.54	0.0806	"	2.5		102	80-120			

LRB (LRB-L585109)

Prepared: 11/16/2021 Analyzed: 11/17/2021

Cadmium	ND	0.25	mg/Kg				-			
Barium	ND	0.25	"				-			
Copper	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Nickel	ND	0.25	"				-			
Selenium	ND	0.25	"				-			
Silver	ND	0.25	"				-			
Zinc	ND	2.5	"				-			
Arsenic	ND	0.25	"				-			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 7196A - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L585141 -										
DUP (L 98803-DUP)		Source: 98803			Prepared: Analyzed: 11/16/2021					
Chromium, Hexavalent	ND	1.24	mg/Kg		98803	-		0	20	
MS (L 98803-MS)		Source: 98803			Prepared: Analyzed: 11/16/2021					
Chromium, Hexavalent	ND	1.27	mg/Kg	8.32	98803	0	75-125			*

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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.

J Estimated Value. Analyte below reported quantitation limit.

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on 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.



November 22, 2021

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Wells Ranch AA #21-04

Project Number - [none]

Attached are your analytical results for Noble - Wells Ranch AA #21-04 received by Origins Laboratory, Inc. November 12, 2021. This project is associated with Origins project number Y111260-01.

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 - Wells Ranch AA #21-04

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-01-GW	Y111260-01	Water	November 12, 2021 14:26	11/12/2021 16:10
SB-02-GW	Y111260-02	Water	November 12, 2021 14:28	11/12/2021 16:10
SB-03-GW	Y111260-03	Water	November 12, 2021 14:30	11/12/2021 16:10

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 - Wells Ranch AA #21-04

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: Y111260

Client: Eagle

Client Project ID: Wells Ranch AA 21-4

Checklist Completed by: JG

Shipped Via: HD

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

Date/time completed: 11/15/21

Airbill #: N/A

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

Cooler Number/Temperature: 1, 4, 1 °C 1 °C 1 °C (Describe) 1 °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⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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) JM

Date/Time Reviewed 11-16-21

Origins Laboratory, Inc.

Jordan A. Merrill

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 - Wells Ranch AA #21-04

SB-01-GW

11/12/2021 2:26:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111260-01 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1K1520	JMA	11/15/2021	11/17/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130	"	"	"
Surrogate: Toluene-d8	97.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	98.2 %	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 - Wells Ranch AA #21-04

SB-02-GW

11/12/2021 2:28:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111260-02 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1K1520	JMA	11/15/2021	11/17/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	"	"	"
Surrogate: Toluene-d8	97.1 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.6 %	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 - Wells Ranch AA #21-04

SB-03-GW

11/12/2021 2:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y111260-03 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1K1520	JMA	11/15/2021	11/17/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	"	"	"
Surrogate: Toluene-d8	99.7 %	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 - Wells Ranch AA #21-04

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 B1K1520 - EPA 5030B (Water)										
Blank (B1K1520-BLK1)					Prepared: 11/15/2021 Analyzed: 11/17/2021					
1,2,4-Trimethylbenzene	ND	1.00	ug/L							U
1,3,5-Trimethylbenzene	ND	1.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	4.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		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 - Wells Ranch AA #21-04

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 B1K1520 - EPA 5030B (Water)										
LCS (B1K1520-BS1)					Prepared: 11/15/2021 Analyzed: 11/17/2021					
1,2,4-Trimethylbenzene	53.5	1.00	ug/L	50.0		107	70-130			
1,3,5-Trimethylbenzene	54.4	1.00	"	50.0		109	70-130			
Benzene	51.4	1.00	"	50.0		103	70-130			
Ethylbenzene	54.2	1.00	"	50.0		108	70-130			
m,p-Xylene	110	2.00	"	100		110	70-130			
Naphthalene	47.6	4.00	"	50.0		95.2	70-130			
o-Xylene	56.0	1.00	"	50.0		112	70-130			
Toluene	49.2	1.00	"	50.0		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	68		"	62.5		109	70-130			
Surrogate: Toluene-d8	61		"	62.5		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		98.9	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 - Wells Ranch AA #21-04

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 B1K1520 - EPA 5030B (Water)										
Matrix Spike (B1K1520-MS1)		Source: Y111213-01			Prepared: 11/15/2021 Analyzed: 11/17/2021					
1,2,4-Trimethylbenzene	108	1.00	ug/L	100	ND	108	70-130			
1,3,5-Trimethylbenzene	111	1.00	"	100	ND	111	70-130			
Benzene	102	1.00	"	100	ND	102	70-130			
Ethylbenzene	110	1.00	"	100	ND	110	70-130			
m,p-Xylene	221	2.00	"	200	ND	111	70-130			
Naphthalene	103	4.00	"	100	1.23	102	70-130			
o-Xylene	112	1.00	"	100	ND	112	70-130			
Toluene	98.7	1.00	"	100	ND	98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	69		"	62.5		111	70-130			
Surrogate: Toluene-d8	60		"	62.5		96.7	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.9	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

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 B1K1520 - EPA 5030B (Water)										
Matrix Spike Dup (B1K1520-MSD1)	Source: Y111213-01				Prepared: 11/15/2021 Analyzed: 11/17/2021					
1,2,4-Trimethylbenzene	106	1.00	ug/L	100	ND	106	70-130	1.45	20	
1,3,5-Trimethylbenzene	108	1.00	"	100	ND	108	70-130	2.56	20	
Benzene	100	1.00	"	100	ND	100	70-130	1.30	20	
Ethylbenzene	106	1.00	"	100	ND	106	70-130	3.51	20	
m,p-Xylene	212	2.00	"	200	ND	106	70-130	4.30	20	
Naphthalene	106	4.00	"	100	1.23	105	70-130	2.34	20	
o-Xylene	109	1.00	"	100	ND	109	70-130	3.25	20	
Toluene	98.1	1.00	"	100	ND	98.1	70-130	0.660	20	
Surrogate: 1,2-Dichloroethane-d4	66		"	62.5		106	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Wells Ranch AA #21-04

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.



December 16, 2021

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Wells Ranch AA #21-04

Project Number - [none]

Attached are your analytical results for Noble - Wells Ranch AA #21-04 received by Origins Laboratory, Inc. December 02, 2021. This project is associated with Origins project number Y112094-01.

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 - Wells Ranch AA #21-04

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-02@5-7.5'	Y112094-01	Soil	November 12, 2021 13:20	12/02/2021 16:15
Background-03@5-7.5'	Y112094-02	Soil	November 12, 2021 12:12	12/02/2021 16:15
Background-04@5-7.5'	Y112094-03	Soil	November 12, 2021 11:50	12/02/2021 16:15
Background-05@5-7.5'	Y112094-04	Soil	November 12, 2021 11:09	12/02/2021 16:15

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 - Wells Ranch AA #21-04

ORIGINS

LABORATORY, INC

www.originslaboratory.com

412094

page 1 of 1

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

Project Manager: Martin Eckert III
Project Name: Wells Ranch AA #21-04
Project Number: [none]
Samples Collected By: BPN

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		
Background-0205-7.5'	11/12/21	1320	2	X				X		X	1
Background-0305-7.5'		1212								X	2
Background-0405-7.5'		1150								X	3
Background-0505-7.5'		1109								X	4
										X	5
										X	6
										X	7
										X	8
										X	9
										X	10

EC/SAR/pH = 4
Saturated pore prep 5

Relinquished By: [Signature] Date: 12/2/21 Time: 1615
Relinquished By: [Signature] Date: 12/2/21 Time: 1615

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

Temp Received- 34 Date Results Needed 4/10/22

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 - Wells Ranch AA #21-04

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: Y112094

Client: Eagle/Noble
Client Project ID: Wells Ranch

Checklist Completed by: dm

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

Date/Time completed: 12-5-21

Airbill #: N/A

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

Cooler Number/Temperature: 1 3.4 °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⁾ ?	<u>X</u>			
Is there ice present (document if blue ice is used)	<u>X</u>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<u>X</u>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<u>X</u>		
Were all samples received intact ⁽¹⁾ ?	<u>X</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>X</u>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<u>X</u>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>X</u>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<u>X</u>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<u>X</u>	
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>X</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: JP (Project Manager)

Date/Time Reviewed: 12/16/21

Origins Laboratory, Inc.

Jordan A. Merrill

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 - Wells Ranch AA #21-04

Background-02@5-7.5'

11/12/2021 1:20:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y112094-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.260	0.200	mg/L	1	B1L0605	12/06/2021	12/07/2021
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Metals by Saturated Paste

Calcium	9.67	0.499	meq/L	10	[CALC]	12/03/2021	12/07/2021
Magnesium	5.61	0.823	"	"	"	"	"
Sodium	11.3	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.02	pH Units	1	B1L0317	12/03/2021	12/07/2021
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SAR by 20B Saturated Paste

SAR	4.10	SAR	1	B1L0315	12/03/2021	12/07/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.30	0.00500	mmhos/cm	1	B1L0601	12/06/2021	12/07/2021
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Total Metals by 6020B

Arsenic	1.5	0.0855	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021
Barium	67.8	0.042	0.25	"	"	"	"	"
Cadmium	0.0859	0.0259	0.25	"	"	"	"	"
Copper	3.81	0.0806	0.25	"	"	"	"	"

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-02@5-7.5'**11/12/2021 1:20:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.**Y112094-01 (Soil)****Total Metals by 6020B**

Lead	4.95	0.031	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021	
Nickel	4.33	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0192	0.0067	0.25	"	"	"	"	"	J
Zinc	19.8	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L588715	11/12/2021	12/08/2021	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-03@5-7.5'
11/12/2021 12:12:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y112094-02 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.199	mg/L	1	B1L0605	12/06/2021	12/07/2021
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Metals by Saturated Paste

Calcium	7.49	0.499	meq/L	10	[CALC]	12/03/2021	12/07/2021
Magnesium	4.11	0.823	"	"	"	"	"
Sodium	11.8	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.03		pH Units	1	B1L0317	12/03/2021	12/07/2021
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SAR by 20B Saturated Paste

SAR	4.89		SAR	1	B1L0315	12/03/2021	12/07/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.12	0.00500	mmhos/cm	1	B1L0601	12/06/2021	12/07/2021
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Total Metals by 6020B

Arsenic	1.62	0.0855	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021
Barium	67.8	0.042	0.25	"	"	"	"	"
Cadmium	0.0983	0.0259	0.25	"	"	"	"	"
Copper	3.92	0.0806	0.25	"	"	"	"	"

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-03@5-7.5'

11/12/2021 12:12:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y112094-02 (Soil)

Total Metals by 6020B

Lead	4.94	0.031	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021	
Nickel	4.37	0.0633	0.25	"	"	"	"	"	
Selenium	0.127	0.103	0.25	"	"	"	"	"	J
Silver	0.0206	0.0067	0.25	"	"	"	"	"	J
Zinc	20.3	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.25	0.514	mg/Kg	1	L588715	11/12/2021	12/08/2021	
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Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-04@5-7.5'
11/12/2021 11:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y112094-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.318	0.199	mg/L	1	B1L0605	12/06/2021	12/07/2021
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Metals by Saturated Paste

Calcium	18.3	0.499	meq/L	10	[CALC]	12/03/2021	12/07/2021
Magnesium	9.48	0.823	"	"	"	"	"
Sodium	13.8	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.87	pH Units	1	B1L0317	12/03/2021	12/07/2021
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SAR by 20B Saturated Paste

SAR	3.70	SAR	1	B1L0315	12/03/2021	12/07/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.36	0.00500	mmhos/cm	1	B1L0601	12/06/2021	12/07/2021
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Total Metals by 6020B

Arsenic	1.79	0.0855	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021
Barium	65.6	0.042	0.25	"	"	"	"	"
Cadmium	0.0802	0.0259	0.25	"	"	"	"	"
Copper	3.69	0.0806	0.25	"	"	"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-04@5-7.5'
11/12/2021 11:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y112094-03 (Soil)

Total Metals by 6020B

Lead	5.99	0.031	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021	
Nickel	4.06	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0164	0.0067	0.25	"	"	"	"	"	J
Zinc	18.3	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.252	0.517	mg/Kg	1	L588715	11/12/2021	12/08/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-05@5-7.5'
11/12/2021 11:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y112094-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.198		0.198	mg/L	1	B1L0605	12/06/2021	12/07/2021	
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Metals by Saturated Paste

Calcium	2.90		0.499	meq/L	10	[CALC]	12/03/2021	12/07/2021	
Magnesium	1.00		0.823	"	"	"	"	"	
Sodium	3.89		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.23			pH Units	1	B1L0317	12/03/2021	12/07/2021	
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SAR by 20B Saturated Paste

SAR	2.78			SAR	1	B1L0315	12/03/2021	12/07/2021	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.817		0.00500	mmhos/cm	1	B1L0601	12/06/2021	12/07/2021	
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Total Metals by 6020B

Arsenic	1.87	0.0855	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021	
Barium	116	0.042	0.25	"	"	"	"	"	
Cadmium	0.112	0.0259	0.25	"	"	"	"	"	J
Copper	5.11	0.0806	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Background-05@5-7.5'
11/12/2021 11:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y112094-04 (Soil)

Total Metals by 6020B

Lead	6.19	0.031	0.25	mg/Kg	5	L588207	12/06/2021	12/09/2021	
Nickel	5.46	0.0633	0.25	"	"	"	"	"	
Selenium	ND	0.103	0.25	"	"	"	"	"	
Silver	0.0274	0.0067	0.25	"	"	"	"	"	J
Zinc	23.7	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.497	1.02	mg/Kg	2	L588715	11/12/2021	12/08/2021	
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1L0317 - NO PREP										
Duplicate (B1L0317-DUP1)		Source: Y111515-13			Prepared: 12/03/2021 Analyzed: 12/07/2021					
pH	8.60		pH Units		8.69			1.04	25	
Batch B1L0601 - NO PREP										
Blank (B1L0601-BLK1)		Prepared: 12/06/2021 Analyzed: 12/07/2021								
Specific Conductance (EC)	0.00150	0.00500	mmhos/cm							
Duplicate (B1L0601-DUP1)		Source: Y111515-13			Prepared: 12/06/2021 Analyzed: 12/07/2021					
Specific Conductance (EC)	0.425	0.00500	mmhos/cm		0.408			3.89	25	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L588207 - 3050B

MSD (L 91524-MSD-L588207)			Source: Y112094-04			Prepared: 12/06/2021 Analyzed: 12/14/2021				
Selenium	3.73	0.103	mg/Kg	4.75	<0.103	78	75-125	6.6	80	
Arsenic	3.82	0.0855	"	2.38	1.87	82	75-125	1.5	80	
Silver	0.484	0.0067	"	0.475	0.0274	102	75-125	3.1	80	
Nickel	8.31	0.0633	"	2.38	5.46	120	75-125	1.6	80	
Lead	8.94	0.031	"	2.38	6.19	116	75-125	2.9	80	
Copper	8.19	0.0806	"	2.38	5.11	130	75-125	1.6	80	*
Cadmium	0.599	0.0259	"	0.475	0.112	126	75-125	1.3	80	*
Barium	152	0.042	"	4.75	116	757	75-125	24.3	80	*
Zinc	50	0.534	"	23.8	23.7	111	75-125	0.4	80	

MS (L 91524-MS-L588207)			Source: Y112094-04			Prepared: 12/06/2021 Analyzed: 12/09/2021				
Zinc	49.8	0.534	mg/Kg	23	23.7	114	75-125			
Arsenic	3.76	0.0855	"	2.3	1.87	82	75-125			
Barium	119	0.042	"	4.6	116	65	75-125			*
Cadmium	0.607	0.0259	"	0.46	0.112	132	75-125			*
Copper	8.33	0.0806	"	2.3	5.11	140	75-125			*
Lead	8.68	0.031	"	2.3	6.19	108	75-125			
Nickel	8.45	0.0633	"	2.3	5.46	130	75-125			*
Selenium	3.49	0.103	"	4.6	<0.103	76	75-125			
Silver	0.469	0.0067	"	0.46	0.0274	102	75-125			

LCS (LCS-L588207)			Prepared: 12/06/2021 Analyzed: 12/09/2021							
Cadmium	0.507	0.0259	mg/Kg	0.5		101	80-120			
Copper	2.61	0.0806	"	2.5		104	80-120			
Lead	2.58	0.031	"	2.5		103	80-120			
Nickel	2.57	0.0633	"	2.5		103	80-120			
Selenium	4.45	0.103	"	5		89	80-120			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 6020B - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L588207 - 3050B

LCS (LCS-L588207)

Prepared: 12/06/2021 Analyzed: 12/09/2021

Silver	0.5	0.0067	mg/Kg	0.5		100	80-120			
Zinc	25.9	0.534	"	25		104	80-120			
Barium	5.23	0.042	"	5		105	80-120			
Arsenic	2.61	0.0855	"	2.5		104	80-120			

LRB (LRB-L588207)

Prepared: 12/06/2021 Analyzed: 12/09/2021

Barium	ND	0.25	mg/Kg				-			
Zinc	ND	2.5	"				-			
Silver	ND	0.25	"				-			
Selenium	ND	0.25	"				-			
Nickel	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Cadmium	ND	0.25	"				-			
Arsenic	ND	0.25	"				-			
Copper	ND	0.25	"				-			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Wells Ranch AA #21-04

Total Metals by 7196A - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L588715 -										
DUP (L 91524-DUP)		Source: Y112094-04			Prepared: Analyzed: 12/08/2021					
Chromium, Hexavalent	ND	0.507	mg/Kg		<1.04	-		0	20	
MS (L 91524-MS)		Source: Y112094-04			Prepared: Analyzed: 12/08/2021					
Chromium, Hexavalent	6.74	0.507	mg/Kg	8.29	<0.507	81	75-125			
LCS (LCS)					Prepared: Analyzed: 12/08/2021					
Chromium, Hexavalent	6.45	0.244	mg/Kg	8		81	75-125			
LRB (LRB)					Prepared: Analyzed: 12/08/2021					
Chromium, Hexavalent	ND	0.5	mg/Kg							

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Wells Ranch AA #21-04

Notes and Definitions

J Estimated Value. Analyte below reported quantitation limit.

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



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