

Wellhead Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional): <u> </u>		Pit Closure <u> </u>		Tank Battery Closure <u> </u>		Flowline Closure <u> </u>		Partially Buried Vault Closure <u> </u>
Site Name & COGCC Facility Number: Easton #12-1		Date: 10/26/22					Remediation Project #: 23914	
Associated Wells: 05-123-10553		Age of Site: years					Number of Photos Attached: 1	
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple)						40.328710 / -104.613830		
Estimated Facility Size (acres): <u> </u>								
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) Good condition								
USCS Soil Type: clayey SAND					Estimated Depth to Groundwater: ~13-18'			
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None observed								
Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) None observed								
Wellhead(s)								
Well API	05-123-10553							
Age	years							
Condition of surface around wellhead	Good - Per Crew							
PID Readings	N/A - Excavated upon arrival							
Condition of subsurface (staining present)	Good - No odor/no staining							
PID Readings	2.1	1.4	2.6	3.4	4.7			
Sample taken? Location/Sample ID#	WH-SS-01	WH-SS-02	WH-SS-03	WH-SS-04	WH-FS-01			
Photo Number(s)	See photo log							
Other observations regarding wellheads: Well casing cut/capped following assessment								
Summary								
Was impacted soil identified? (No) Yes - less than 10 cubic yards Yes - more than 10 cubic yards								
Total number of samples field screened: 5				Total number of samples collected: 5				
Highest PID Reading: 4.7				Total number of samples submitted to lab for analysis: 1				
If more than 10 cubic yards of impacted soil were observed:								
Vertical extent:				Estimated spill volume:				
Lateral extent:				Volume of soil removed:				
N/A								
Is additional investigation required?								
Was groundwater encountered during the investigation? (No) Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils								
Measured depth to groundwater:				Was remedial groundwater removal conducted? Yes No				
Date Groundwater was encountered:				Commencement date of removal:				
Sheen on groundwater? Yes No				Volume of groundwater removed prior to sampling:				
Free product observed? Yes No				Volume of groundwater removed post sampling:				
Total number of samples collected:				Total Volume of groundwater removed:				
Total number of samples submitted to lab for analysis:								



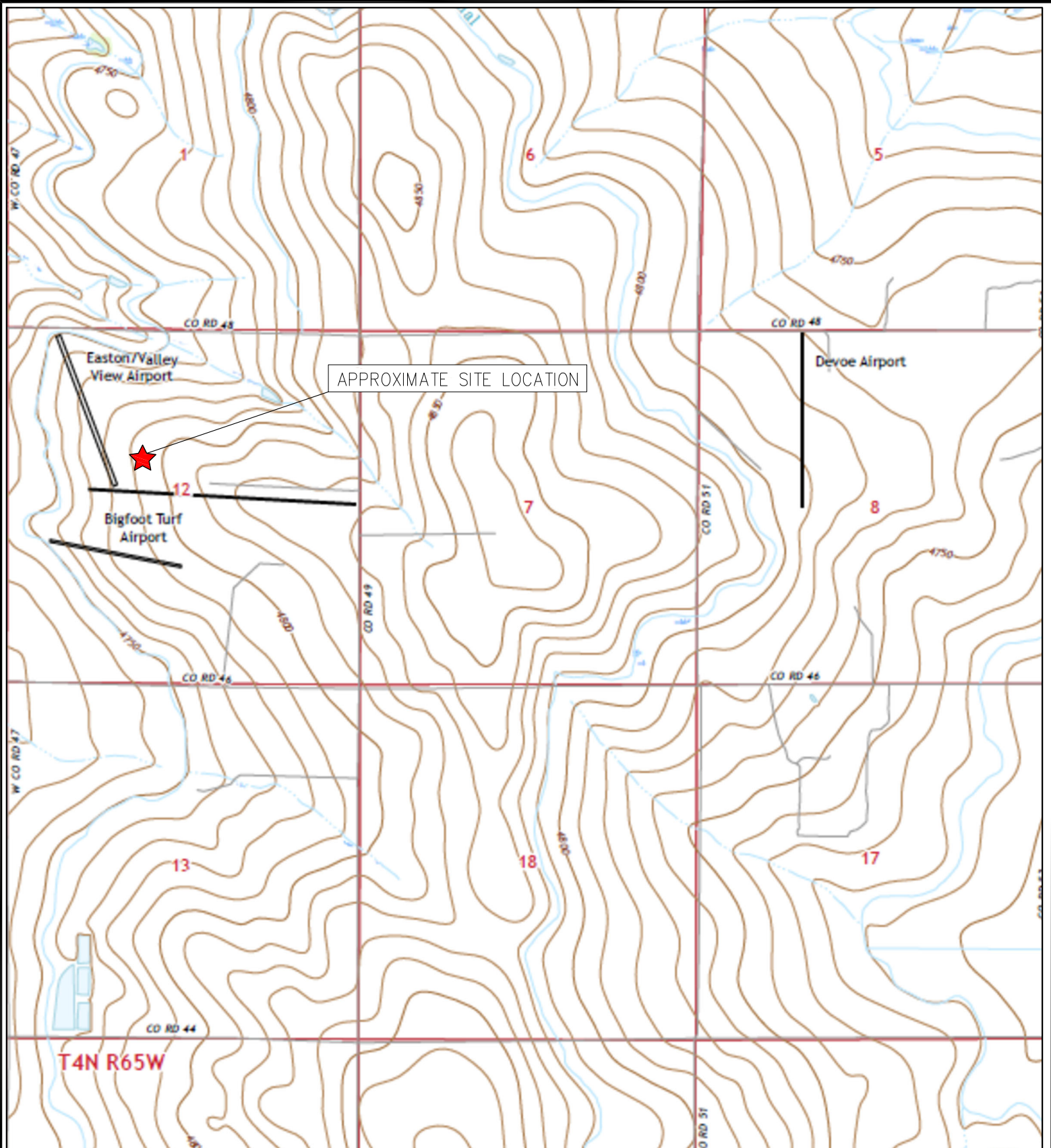
FIGURES

Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Soil Analytical Map

Figure 4: Polycyclic Aromatic Hydrocarbons Map



TOPOGRAPHIC SITE LOCATION MAP
 EASTON #12-1
 CLOSURE ASSESSMENT
 40.328710 / -104.613830
 SE¼ NW¼ SEC.12 T4N R65W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-10553
 REMEDIATION # 23914



EAGLE
 ENVIRONMENTAL
 CONSULTING, INC.




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

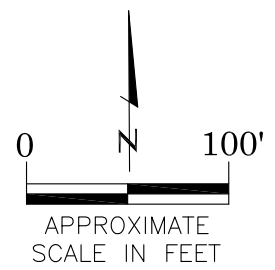
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP,
 VALLEY VIEW SCHOOL, CO QUADRANGLE 2022

FIGURE 1



LEGEND

-  FORMER EASTON #12-1 WELLHEAD (PLUGGED AND ABANDONED)
-  ASSOCIATED SEPARATOR
-  APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP
EASTON #12-1
CLOSURE ASSESSMENT
40.328710 / -104.613830
SE¼ NW¼ SEC.12 T4N R65W 6PM
WELD COUNTY, COLORADO
API # 05-123-10553
REMEDATION # 23914

DRAWN BY:
GK

FIG. NO.
2



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BACKGROUND-01@2'
10/26/22
2'
pH = **8.39**

BACKGROUND-01

WH-FS-01@6'
10/26/22
6'
B = <0.00200
T = <0.00200
E = <0.00200
X = <0.00200
G = <0.200
D = 25.1
R = <100
1,2,4-TMB = <0.00200
1,3,5-TMB = <0.00200
Brn= 0.435
EC = 0.626
SAR= 1.12
pH = **8.34**

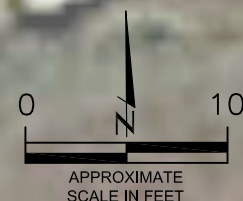
WH-SS-01

WH-SS-04

WH-FS-01

WH-SS-02

WH-SS-03



LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES 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

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** EXCEED COGCC TABLE 915-1 REGULATORY LIMITS.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

SOIL ANALYTICAL MAP

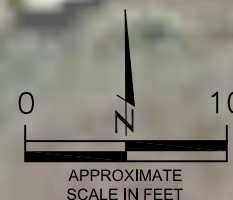
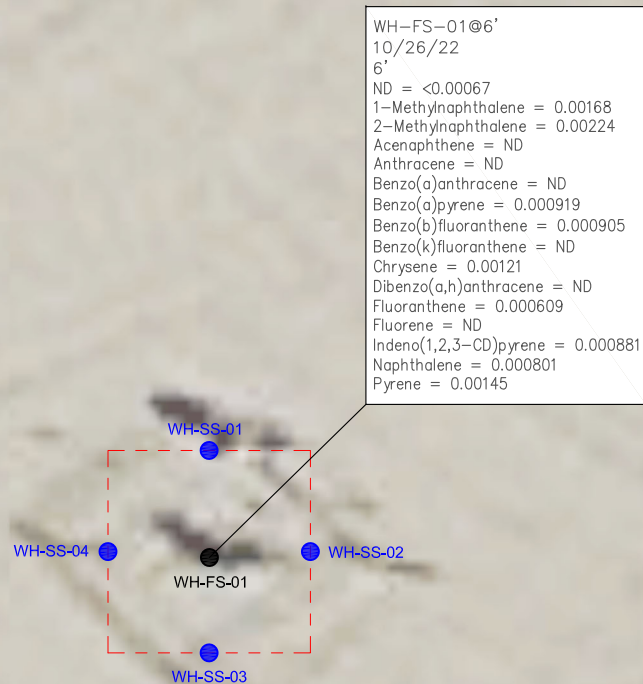
EASTON #12-1
CLOSURE ASSESSMENT
40.328710 / -104.613830
SE¼ NW¼ SEC.12 T4N R65W 6PM
WELD COUNTY, COLORADO
API # 05-123-10553
REMEDATION # 23914

DRAWN BY:
GK

FIG.
NO. 3



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LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
APPROXIMATE DEPTH
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

ND = NON-DETECT

NOTES:

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

VALUES PRESENTED IN **BOLD** EXCEED COGCC TABLE 915-1 REGULATORY LIMITS.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

POLYCYCLIC AROMATIC HYDROCARBONS MAP
EASTON #12-1
CLOSURE ASSESSMENT
40.328710 / -104.613830
SE¼ NW¼ SEC.12 T4N R65W 6PM
WELD COUNTY, COLORADO
API # 05-123-10553
REMEDATION # 23914

DRAWN BY:
GK

FIG.
NO. 4



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TABLES

Table 1: Photoionization Detector Reading Summary

Table 2: Soil Analytical Results Summary

TABLE 1
PHOTOIONIZATION DETECTOR READING SUMMARY
EASTON #12-1
CLOSURE ASSESSMENT
40.328710 / -104.613830
SE 1/4 NW 1/4 SEC.12 T4N R65W 6PM
WELD COUNTY, COLORADO
API # 05-123-10553
REMEDIAION # 23914

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
WH-SS-01 @ 5' (40.328720 / -104.613843)	10/26/22	5	2.1	N
WH-SS-02 @ 5' (40.328707 / -104.613825)	10/26/22	5	1.4	N
WH-SS-03 @ 5' (40.328694 / -104.613842)	10/26/22	5	2.6	N
WH-SS-04 @ 5' (40.328708 / -104.613860)	10/26/22	5	3.4	N
WH-FS-01 @ 6' (40.328707 / -104.613843)	10/26/22	6	4.7	Y
Background-01 @ 2' (40.328730 / -104.613874)	10/26/22	2	2.3	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector				

TABLE 2
SOIL ANALYTICAL RESULTS
EASTON #12-1
CLOSURE ASSESSMENT
40.328710 / -104.613830
SE 1/4 NW 1/4 SEC.12 T4N R65W 6PM
WELD COUNTY, COLORADO
API # 05-123-10553
REMEDIATION # 23914

Sample Location (Latitude / Longitude)			WH-FS-01 @ 6'		Background-01 @ 2'	
			(40.328707 / -104.613843)		(40.328730 / -104.613874)	
Sample Date			10/26/22		10/26/22	
Sample Depth			6'		2'	
PID Reading (ppm-v)			4.7		2.3	
Regulatory Limits						
Chemical of Concern	Units	COGCC Table 915-1 RSSLs	COGCC Table 915-1 GSSLs			
VOCs						
Benzene	mg/kg	1.2	0.0026	<0.00200		NA
Toluene	mg/kg	490	0.69	<0.00200		NA
Ethylbenzene	mg/kg	5.8	0.78	<0.00200		NA
Total Xylenes	mg/kg	58	9.9	<0.00200		NA
1,2,4-Trimethylbenzene	mg/kg	30	0.0081	<0.00200		NA
1,3,5-Trimethylbenzene	mg/kg	27	0.0087	<0.00200		NA
TOTAL PETROLEUM HYDROCARBONS						
TPH-GRO	mg/kg	500	--	<0.200		NA
TPH-DRO	mg/kg	500	--	25.1		NA
TPH-RRO	mg/kg	500	--	<100		NA
POLYCYCLIC AROMATIC HYDROCARBONS						
1-Methyl-naphthalene	mg/kg	18	0.006	0.00168		NA
2-Methyl-naphthalene	mg/kg	24	0.019	0.00224		NA
Acenaphthene	mg/kg	360	0.55	<0.00067		NA
Anthracene	mg/kg	1800	5.8	<0.00067		NA
Benzo(a)-anthracene	mg/kg	1.1	0.011	<0.00067		NA
Benzo(a)-pyrene	mg/kg	0.11	0.24	0.000919		NA
Benzo(b)-fluoranthene	mg/kg	1.1	0.3	0.000905		NA
Benzo(k)-fluoranthene	mg/kg	11	2.9	<0.00067		NA
Chrysene	mg/kg	110	9	0.00121		NA
Dibenzo(a,h)-anthracene	mg/kg	0.11	0.096	<0.00067		NA
Fluoranthene	mg/kg	240	8.9	0.000609		NA
Fluorene	mg/kg	240	0.54	<0.00067		NA
Indeno(1,2,3-cd)-pyrene	mg/kg	1.1	0.98	0.000881		NA
Naphthalene	mg/kg	2	0.0038	0.000801		NA
Pyrene	mg/kg	180	1.3	0.00145		NA
SOIL SUITABILITY (Inorganics)						
Boron	mg/L	2	--	0.435		NA
pH	standard unit	6-8.3	--	8.34		8.39
Sodium Adsorption Ratio (SAR)	--	<6	--	1.12		NA
Specific Conductance (EC)	mmhos/cm	<4	--	0.626		NA
COGCC = Colorado Oil and Gas Conservation Commission		NA - Not Analyzed	VOCs - Volatile Organic Compounds			
mg/kg = milligrams per kilogram		RSSLs = Residential Soil Screening Levels				
mmhos/cm = millimhos per centimeter		GSSLs = Protection of Groundwater Soil Screening Levels				
PID = Photoionization Detector		TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics				
ppm-v = parts per million by volume		TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics				
mg/L = milligrams per liter		TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics				
SAR = Sodium Adsorption Ratio						
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 COGCC Table 915-1 Regulatory Limits.						



ATTACHMENT A

Photo Log

Easton #12-1

API # 05-123-10553

Remediation # 23914

Closure Assessment

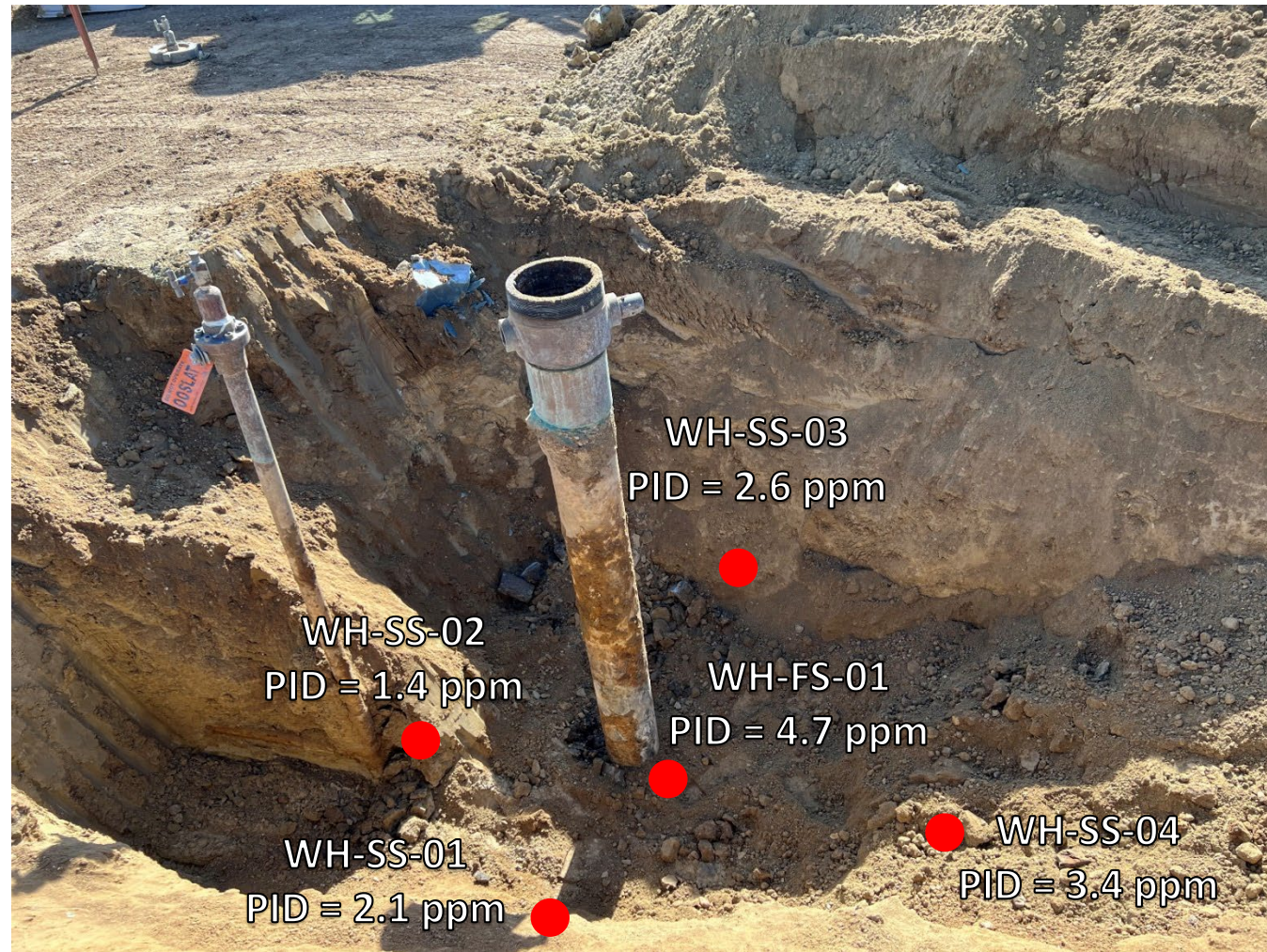
October 2022



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Wellhead Excavation – 10/26/22



Looking south-southeast

No petroleum hydrocarbon staining or odor observed



ATTACHMENT B

Laboratory Analytical Reports



November 10, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Easton #12-1

Project Number - -

Attached are your analytical results for Noble - Easton #12-1 received by Origins Laboratory, Inc. October 26, 2022. This project is associated with Origins project number Y210664-01.

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: -

Project: Noble - Easton #12-1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@6'	Y210664-01	Soil	October 26, 2022 12:08	10/26/2022 15:30

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

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

Sample Receipt Checklist

Origins Work Order: 4210664 Client: Eagle
Client Project ID: Easton #12-1

Checklist Completed by: EHS/DE Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 10/27/12 Airbill #: NA

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

Cooler Number/Temperature: 1 10.6 °C 1 °C 1 °C 1 °C

Thermometer ID: T009

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

10-28-22
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

WH-FS-01@6'
10/26/2022 12:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y210664-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.435	0.100	mg/L	1	B2J2805	10/28/2022	10/31/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	25.1	25.0	mg/kg	1	B2J2810	10/28/2022	11/02/2022	
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	91.9 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J2730	10/27/2022	11/08/2022	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	104 %	70-130			"	"	"	
Surrogate: Toluene-d8	96.9 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

WH-FS-01@6'

10/26/2022 12:08:00PM

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

Origins Laboratory, Inc.
Y210664-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	88.0 %	70-130	B2J27 30	10/27/2022	11/08/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.42	0.499	meq/L	10	[CALC]	10/28/2022	11/01/2022
Magnesium	1.56	0.823	"	"	"	"	"
Sodium	1.58	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.00168	0.000364	0.00067	mg/Kg	1	L646023	10/31/2022	11/01/2022
2-Methylnaphthalene	0.00224	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	0.000919	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	0.000905	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	0.00121	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	0.000609	0.000394	0.00067	"	"	"	"	"
Fluorene	ND	0.000286	0.00067	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	0.000881	0.000627	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: -
Project: Noble - Easton #12-1

WH-FS-01@6'

10/26/2022 12:08:00PM

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

Waypoint Analytical, LLC.
Y210664-01 (Soil)

PAH by 8270D SIM

Naphthalene	0.000801	0.000484	0.00067	mg/Kg	1	L646023	10/31/2022	11/01/2022
Pyrene	0.00145	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	48.3 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	52 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	41.4 %	29-110	"	"	"

pH in Soil by 9045D

pH	8.34	pH Units	1	B2J3108	10/31/2022	11/01/2022
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SAR by 20B Saturated Paste

SAR	1.12	SAR	1	B2J2806	10/28/2022	11/01/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.626	0.00500	mmhos/cm	1	B2J3108	10/31/2022	11/01/2022
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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: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J2730 - EPA 5030 (soil)										
Blank (B2J2730-BLK1)					Prepared: 10/27/2022 Analyzed: 11/05/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125	82.5		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	106		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	107		70-130			

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J2730 - EPA 5030 (soil)

LCS (B2J2730-BS1)

Prepared: 10/27/2022 Analyzed: 11/05/2022

1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100		103	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.0877	0.00200	"	0.100		87.7	70-130			
Ethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Naphthalene	0.0984	0.00380	"	0.100		98.4	70-130			
Toluene	0.0983	0.00200	"	0.100		98.3	70-130			
o-Xylene	0.105	0.00200	"	0.100		105	70-130			
m,p-Xylene	0.212	0.00400	"	0.200		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		84.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.8	70-130			

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J2730 - EPA 5030 (soil)										
Matrix Spike (B2J2730-MS1)		Source: Y210655-01			Prepared: 10/27/2022 Analyzed: 11/05/2022					
1,2,4-Trimethylbenzene	0.115	0.00200	mg/kg	0.100	ND	115	70-130			
1,3,5-Trimethylbenzene	0.114	0.00200	"	0.100	ND	114	70-130			
Benzene	0.0858	0.00200	"	0.100	ND	85.8	70-130			
Ethylbenzene	0.120	0.00200	"	0.100	ND	120	70-130			
Naphthalene	0.105	0.00380	"	0.100	ND	105	70-130			
Toluene	0.0959	0.00200	"	0.100	ND	95.9	70-130			
o-Xylene	0.118	0.00200	"	0.100	ND	118	70-130			
m,p-Xylene	0.238	0.00400	"	0.200	0.000500	119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		80.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	70-130			

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Eagle Environmental Consulting, Inc.
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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J2730 - EPA 5030 (soil)										
Matrix Spike Dup (B2J2730-MSD1)		Source: Y210655-01			Prepared: 10/27/2022 Analyzed: 11/05/2022					
1,2,4-Trimethylbenzene	0.102	0.00200	mg/kg	0.100	ND	102	70-130	12.1	20	
1,3,5-Trimethylbenzene	0.100	0.00200	"	0.100	ND	100	70-130	12.9	20	
Benzene	0.0848	0.00200	"	0.100	ND	84.8	70-130	1.10	20	
Ethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130	13.6	20	
Naphthalene	0.0993	0.00380	"	0.100	ND	99.3	70-130	5.75	20	
Toluene	0.0936	0.00200	"	0.100	ND	93.6	70-130	2.38	20	
o-Xylene	0.104	0.00200	"	0.100	ND	104	70-130	13.0	20	
m,p-Xylene	0.208	0.00400	"	0.200	0.000500	104	70-130	13.7	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		85.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.9	70-130			

Origins Laboratory, Inc.



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Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J2810 - EPA 3550B										
Blank (B2J2810-BLK1)					Prepared: 10/28/2022 Analyzed: 11/01/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		97.4	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: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J2810 - EPA 3550B										
LCS (B2J2810-BS1)					Prepared: 10/28/2022 Analyzed: 11/01/2022					
Diesel (C10-C28)	836	50.0	mg/kg	1000		83.6	70-130			
Residual Range Organics (C28-C40)	821	200	"	1000		82.1	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.0	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: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J2810 - EPA 3550B

Matrix Spike (B2J2810-MS1)		Source: Y210647-01			Prepared: 10/28/2022 Analyzed: 11/01/2022					
Diesel (C10-C28)	1170	50.0	mg/kg	1000	83.3	109	70-130			
Residual Range Organics (C28-C40)	975	200	"	1000	ND	97.5	70-130			
Surrogate: o-Terphenyl	46		"	49.8		91.8	50-150			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J2810 - EPA 3550B										
Matrix Spike Dup (B2J2810-MSD1)		Source: Y210647-01			Prepared: 10/28/2022 Analyzed: 11/01/2022					
Diesel (C10-C28)	1170	50.0	mg/kg	1000	83.3	109	70-130	0.128	35	
Residual Range Organics (C28-C40)	979	200	"	1000	ND	97.9	70-130	0.366	35	
Surrogate: o-Terphenyl	45		"	49.8		89.6	50-150			

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

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

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J2805 - DTPA Sorbitol Preparation

Blank (B2J2805-BLK1)

Prepared: 10/28/2022 Analyzed: 10/31/2022

Boron ND 0.100 mg/L

Duplicate (B2J2805-DUP1)

Source: Y210655-01

Prepared: 10/28/2022 Analyzed: 10/31/2022

Boron 0.0981 0.0991 mg/L 0.114 15.2 50

Batch B2J2806 - Saturated Paste Metals

Blank (B2J2806-BLK1)

Prepared: 10/28/2022 Analyzed: 11/01/2022

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

Duplicate (B2J2806-DUP1)

Source: Y210648-01

Prepared: 10/28/2022 Analyzed: 11/01/2022

Calcium PPM 31.6 10.0 mg/L 66.1 70.6 50 QR-DUP

SAR 0.00 SAR 0.201 200 200

Magnesium PPM 6.07 10.0 mg/L 12.0 65.7 50 QR-DUP

Sodium PPM 4.86 10.0 " 6.75 32.6 50

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2J3108 - NO PREP										
Blank (B2J3108-BLK1)					Prepared: 10/31/2022 Analyzed: 11/01/2022					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B2J3108-DUP1)					Source: Y210648-01 Prepared: 10/31/2022 Analyzed: 11/01/2022					
pH	7.37		pH Units		7.79			5.54	25	
Specific Conductance (EC)	0.349	0.00500	mmhos/cm		0.483			32.2	25	QR-DUP

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: -
Project: Noble - Easton #12-1

PAH by 8270D SIM - 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 L646023 - 3550B

MSD (L 84127-MSD-L646023)		Source: 84127			Prepared: 10/31/2022 Analyzed: 11/01/2022					
2-Methylnaphthalene	0.327	0.00067	mg/Kg	0.164	0.357	NR	30-130	14.4	30	*
Fluorene	0.162	0.00067	"	0.164	0.101	37.1	30-130	20	30	
Pyrene	0.0792	0.00067	"	0.164	0.00859	43	30-130	35.1	30	*
Indeno(1,2,3-cd)pyrene	0.0971	0.00067	"	0.164	0.000737	58.7	30-130	34.7	30	*
Fluoranthene	0.0705	0.00067	"	0.164	0.0038	40.6	30-130	40.2	30	*
Dibenz(a,h)anthracene	0.11	0.00067	"	0.164	0.00122	66.3	30-130	33.3	30	*
Chrysene	0.0928	0.00067	"	0.164	0.0176	45.8	30-130	34.8	30	*
Naphthalene	0.171	0.00067	"	0.164	0.155	9.7	30-130	23.2	30	*
1-Methylnaphthalene	0.41	0.00067	"	0.164	0.433	NR	30-130	19.3	30	*
Benzo(k)fluoranthene	0.0504	0.00067	"	0.164	0.00109	30	30-130	36.8	30	*
Acenaphthene	0.0935	0.00067	"	0.164	0.0307	38.2	30-130	25.6	30	
Anthracene	0.0334	0.00067	"	0.164	0.000372	20.1	30-130	30.8	30	*
Benzo(a)anthracene	0.0901	0.00067	"	0.164	0.00352	52.7	30-130	30	30	*
Benzo(a)pyrene	0.108	0.00067	"	0.164	0.00158	64.8	30-130	36.3	30	*
Benzo(b)fluoranthene	0.0728	0.00067	"	0.164	0.00201	43.1	30-130	39.8	30	*
Surrogate: 2-Fluorobiphenyl	39.6		"	0.328	117	39.6	33-115			
Surrogate: Nitrobenzene-d5	42.3		"	0.328	151	42.3	29-110			
Surrogate: 4-Terphenyl-d14	46		"	0.328	157	46	33-122			

MS (L 84127-MS-L646023)		Source: 84127			Prepared: 10/31/2022 Analyzed: 11/01/2022					
Benzo(k)fluoranthene	0.0732	0.00067	mg/Kg	0.162	0.00109	44.5	30-130			
Acenaphthene	0.121	0.00067	"	0.162	0.0307	55.7	30-130			
Naphthalene	0.216	0.00067	"	0.162	0.155	37.6	30-130			
Indeno(1,2,3-cd)pyrene	0.138	0.00067	"	0.162	0.000737	84.7	30-130			
Fluorene	0.198	0.00067	"	0.162	0.101	59.8	30-130			
Fluoranthene	0.106	0.00067	"	0.162	0.0038	63	30-130			
Dibenz(a,h)anthracene	0.154	0.00067	"	0.162	0.00122	94.3	30-130			

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: -
Project: Noble - Easton #12-1

PAH by 8270D SIM - 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 L646023 - 3550B

MS (L 84127-MS-L646023)		Source: 84127			Prepared: 10/31/2022 Analyzed: 11/01/2022					
Chrysene	0.132	0.00067	mg/Kg	0.162	0.0176	70.6	30-130			
1-Methylnaphthalene	0.498	0.00067	"	0.162	0.433	40.1	30-130			
Benzo(a)pyrene	0.156	0.00067	"	0.162	0.00158	95.3	30-130			
Anthracene	0.0456	0.00067	"	0.162	0.000372	27.9	30-130			*
Pyrene	0.113	0.00067	"	0.162	0.00859	64.4	30-130			
2-Methylnaphthalene	0.378	0.00067	"	0.162	0.357	12.9	30-130			*
Benzo(b)fluoranthene	0.109	0.00067	"	0.162	0.00201	66	30-130			
Benzo(a)anthracene	0.122	0.00067	"	0.162	0.00352	73.1	30-130			
Surrogate: Nitrobenzene-d5	74.1		"	0.325	151	74.1	29-110			
Surrogate: 4-Terphenyl-d14	80.9		"	0.325	157	80.9	33-122			
Surrogate: 2-Fluorobiphenyl	64.6		"	0.325	117	64.6	33-115			

LCS (LCS-L646023)		Prepared: 10/31/2022 Analyzed: 11/01/2022								
Chrysene	0.0909	0.00067	mg/Kg	0.167		54.4	30-130			
Dibenz(a,h)anthracene	0.0743	0.00067	"	0.167		44.4	30-130			
Fluoranthene	0.0943	0.00067	"	0.167		56.4	30-130			
Fluorene	0.0803	0.00067	"	0.167		48	30-130			
Indeno(1,2,3-cd)pyrene	0.07	0.00067	"	0.167		41.9	30-130			
Naphthalene	0.0775	0.00067	"	0.167		46.4	30-130			
Benzo(k)fluoranthene	0.0863	0.00067	"	0.167		51.6	30-130			
Pyrene	0.0947	0.00067	"	0.167		56.7	30-130			
Benzo(a)pyrene	0.105	0.00067	"	0.167		62.8	30-130			
Benzo(a)anthracene	0.0932	0.00067	"	0.167		55.8	30-130			
Anthracene	0.0898	0.00067	"	0.167		53.7	30-130			
Acenaphthene	0.0825	0.00067	"	0.167		49.4	30-130			
2-Methylnaphthalene	0.086	0.00067	"	0.167		51.4	30-130			
1-Methylnaphthalene	0.0852	0.00067	"	0.167		51	30-130			

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

PAH by 8270D SIM - 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 L646023 - 3550B

LCS (LCS-L646023)

Prepared: 10/31/2022 Analyzed: 11/01/2022

Benzo(b)fluoranthene	0.098	0.00067	mg/Kg	0.167		58.6	30-130			
Surrogate: Nitrobenzene-d5	44.1		"	0.333		44.1	29-110			
Surrogate: 4-Terphenyl-d14	59.4		"	0.333		59.4	33-122			
Surrogate: 2-Fluorobiphenyl	54		"	0.333		54	33-115			

LRB (LRB-L646023)

Prepared: 10/31/2022 Analyzed: 11/01/2022

Chrysene	ND	0.00067	mg/Kg				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	47.1		"	0.333		47.1	29-110			
Surrogate: 4-Terphenyl-d14	60.9		"	0.333		60.9	33-122			
Surrogate: 2-Fluorobiphenyl	52.5		"	0.333		52.5	33-115			

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

Martin C Eckert III
Project Number: -
Project: Noble - Easton #12-1

Notes and Definitions

U Sample is Non-Detect.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

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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Jordan A. Bynon, Project Manager



November 22, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Easton #12-1

Project Number - [none]

Attached are your analytical results for Noble - Easton #12-1 received by Origins Laboratory, Inc. November 11, 2022. This project is associated with Origins project number Y211353-01.

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 - Easton #12-1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background -01@2'	Y211353-01	Soil	October 26, 2022 12:10	11/11/2022 14:05

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Easton #12-1

ORIGINS

LABORATORY, INC

www.originslaboratory.com

page

of 1

Client: Eagle Env. Consulting

Address: 8000 W 44th Ave

Wheat Ridge, CO 80033

303-433-0479

Telephone Number: _____

Email Address: mce3@eagle-enviro.com

Project Manager: Martin Eckert III

Project Name: Easton #12-1

Project Number: —

Samples Collected By: GK

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summ #		
Background-01 @ 2'	10/26/12	12:10	1	X					X		X	Saturated paste prep 1
												2
												3
												4
												5
												6
												7
												8
												9
												10
Relinquished By: <u>Garrett Key</u>	Date: <u>11/11/12</u>	Time: <u>14:05</u>										Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/>
Relinquished By: _____	Date: _____	Time: _____										

8.11 to Cole

Temp Received: 1.2°

Date Results Needed 11/16/12

Origins Laboratory, Inc.

Byron

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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 - Easton #12-1

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y211353

Client: Eagle Environmental

Client Project ID: Easton #12-1

Checklist Completed by: TSI/DE

Shipped Via: HD

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

Date/time completed: 4/14/22

Airbill #: N/A

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

Water ☐ Other: ☐

Cooler Number/Temperature: 1 / 12 °C / 1 °C / 1 °C (Describe)

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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) JB

Date/Time Reviewed 11-15-22

Origins Laboratory, Inc.

J. Bynon

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

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Easton #12-1

Background -01@2'

10/26/2022 12:10:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Y211353-01 (Soil)

pH in Soil by 9045D

pH	8.39	pH Units	1	B2K1513	HJD	11/15/2022	11/16/2022
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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 - Easton #12-1

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 B2K1513 - Saturated Paste pH/EC

Duplicate (B2K1513-DUP1)		Source: Y211349-01			Prepared: 11/15/2022 Analyzed: 11/16/2022					
pH	8.23		pH Units		8.12			1.35	25	

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Easton #12-1

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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