



Facility Closure Investigation and Environmental Summary

Stroh H12-16 Wellhead

ECMC Remediation Project #34390

Weld County, Colorado

Attachments:

Figure 1 – General Location Map

Figure 2 – Wellhead Soil Sample and Field Screening Locations

Table 1 – Soil Sample and Field Screening Location Information

Table 2 – Soil Analytical Results Summary Table – Volatile Organics

Table 3 – Soil Analytical Results Summary Table – PAHs

Table 4 – Soil Analytical Results Summary Table – Soil Suitability

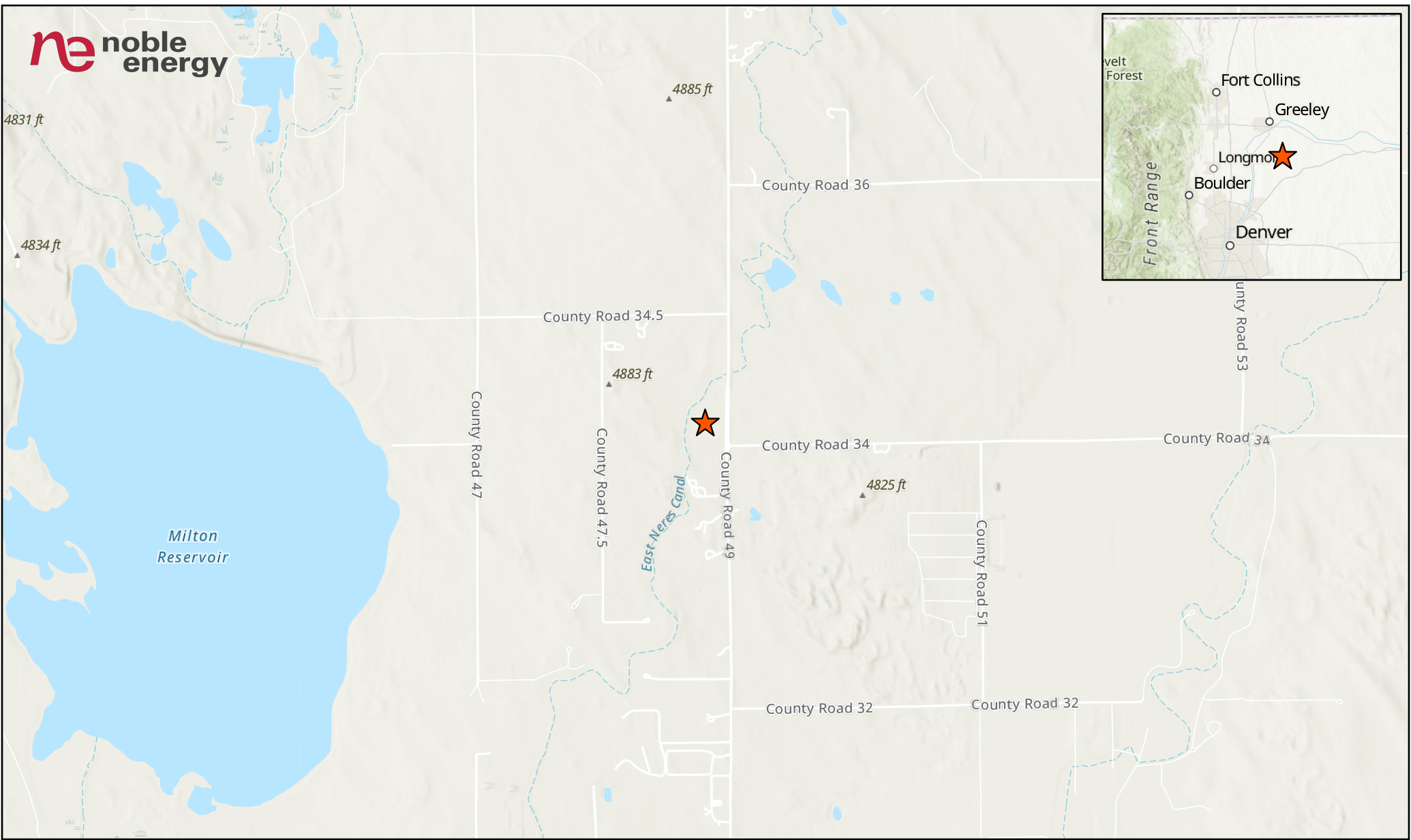
Table 5 – Soil Analytical Results Summary Table – Metals

Attachment A: Photographic Log

Attachment B: Facility Closure Checklists

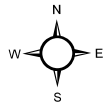
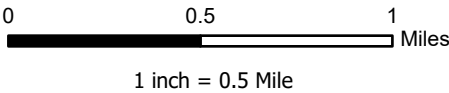
Attachment C: Laboratory Analytical Reports


FIGURES

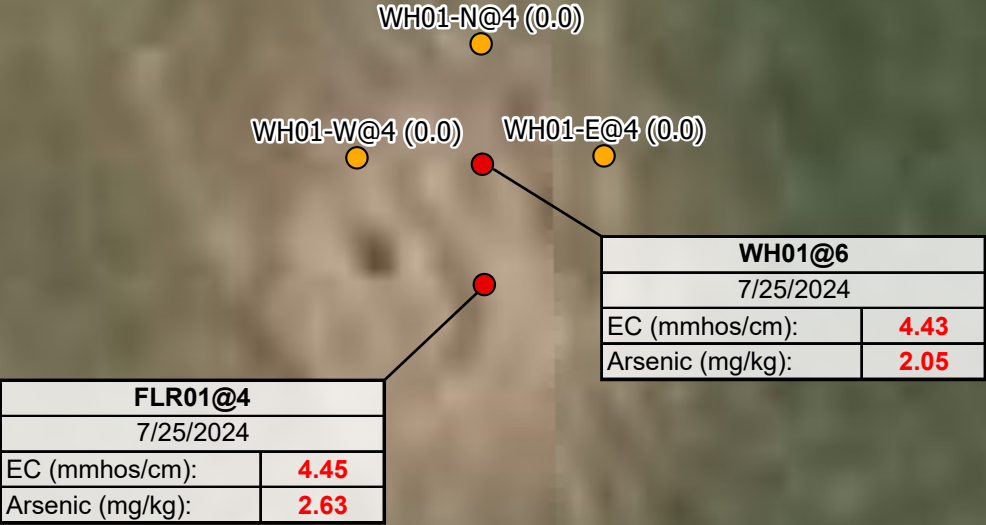


LEGEND

 Site Location



Project No: 024-394	STROTH H12-16 WELLHEAD GENERAL LOCATION MAP NOBLE ENERGY SE 1/4 SE 1/4 SECTION 12 T3N R65W, 6TH PM WELD COUNTY, COLORADO		1843 Sunlight Dr. Longmont, CO 80504 303.378.4036	Figure
Map By: JW				1
Date: 09/16/2024				

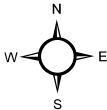
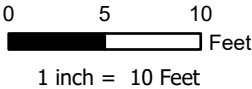


LABEL LEGEND
 XXXX@X: SAMPLE NAME @ DEPTH IN FEET
 WH: WELLHEAD SAMPLE
 FLR: FLOWLINE RISER SAMPLE
 EC: ELECTRICAL CONDUCTIVITY
RED: ABOVE ECMC TABLE 915-1 GWSSL

Legend

● Soil Sample ● Screening Location

NOTES:
 - Sample Label (PID Result in ppm)
 - ppm = parts per million
 - PID = photoionization detector



TABLES

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
STROH H12-16 WELLHEAD, WELD COUNTY, COLORADO
REM # 34390

Sample ID	Sample Date	Depth (ft-bgs)	GPS Data Latitude/Longitude		VOC Concentration (ppm)
WH01@6	7/25/2024	6	40.233837	-104.604276	0.0
FLR01@4	7/25/2024	4	40.233820	-104.604276	0.0
WH01-W@4	7/25/2024	4	40.233838	-104.604300	0.0
WH01-E@4	7/25/2024	4	40.233838	-104.604254	0.0
WH01-N@4	7/25/2024	4	40.233854	-104.604277	0.0

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

ppm - Parts per million

ft-bgs - feet below ground surface

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
STROH H12-16 WELLHEAD, WELD COUNTY, COLORADO
REM # 34390

Sample ID	Sample Date	Depth (ft-bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4- Trimethyl- Benzene (mg/kg)	1,3,5- Trimethyl- Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
WH01@6	7/25/2024	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<125.200	<0.200	<25.0	<100
FLR01@4	7/25/2024	4	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<125.200	<0.200	<25.0	<100

1. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit

2. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg

ft-bgs - feet below ground surface

mg/kg - milligrams per kilogram

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
STROH H12-16 WELLHEAD, WELD COUNTY, COLORADO
REM # 34390

Sample ID	Sample Date	Depth (ft-bgs)	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)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl- Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
WH01@6	7/25/2024	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
FLR01@4	7/25/2024	4	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002

1. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit

ft-bgs - feet below ground surface

mg/kg - milligrams per kilogram

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
STROH H12-16 WELLHEAD, WELD COUNTY, COLORADO
REM # 34390

Sample ID	Sample Date	Depth (ft-bgs)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
WH01@6	7/25/2024	6	8.14	4.43	3.95	2.54
FLR01@4	7/25/2024	4	8.05	4.45	4.42	1.55

1. **RED** - Above ECMC Table 915-1 Standards

ft-bgs - feet below ground surface

EC - Electrical Conductivity

SAR - Sodium adsorption ratio

mmhos/cm - millimhos per centimeter

mg/L - milligrams per liter

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
STROH H12-16 WELLHEAD, WELD COUNTY, COLORADO
REM # 34390

Sample ID	Sample Date	Depth (ft-bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
WH01@6	7/25/2024	6	2.05	79.0	0.159	<0.161*	<9.43	11.9	6.44	<0.245	<0.0943	<34.9
FLR01@4	7/25/2024	4	2.63	81.5	0.125	<0.177*	<9.52	7.87	7.91	<0.247	<0.0952	<35.2

1. **RED** - Above ECMC Table 915-1 Standards
 2. Red highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
 3. Grey highlighted soil analytical values indicate result is less than laboratory reporting limit
- * Indicates laboratory reporting or minimum detection limit in excess of SSL
- ft-bgs - feet below ground surface
mg/kg - milligrams per kilogram

ATTACHMENT A
PHOTOGRAPHIC LOG

Stroh H12-16 Wellhead Photographic Log



Stroh H12-16 Wellhead Photographic Log



Stroh H12-16 Wellhead Photographic Log



Stroh H12-16 Wellhead Photographic Log



ATTACHMENT B
FACILITY CLOSURE CHECKLISTS

Wellhead Closure Checklist						
COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form						
Additional attachments (optional):		Pit Closure		Tank Battery Closure		Flowline Closure
Site Name & COGCC Facility Number: Stroh H12-16, 286660		Date: 7/25/2024				Remediation Project #: 34390
Associated Wells: NA		Age of Site: 11/25/2006-spud date				Number of Photos Attached: 4
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple) 40.233820 / -104.604270					Estimated Facility Size (acres): ~0.01	
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)						
Overall good, some staining observed						
USCS Soil Type: Silty Sand (SM)				Estimated Depth to Groundwater: Unknown as none encountered		
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)						
None encountered or observed						
Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)						
None encountered or observed						
Wellhead(s)						
Well API	05-123-24259					
Age	11/25/2006-spud date					
Condition of surface around wellhead	Staining					
PID Readings	0.0 ppm					
Condition of subsurface (staining present)	Staining					
PID Readings	0.0 ppm					
Sample taken? Location/Sample ID#	WH01@6, FLR01@4					
Photo Number(s)	1-4					
Other observations regarding wellheads:						
Rust colored staining was observed on eastern sidewall of wellhead excavation						
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: 0.0 ppm				Total number of samples submitted to lab for analysis: 2		
If more than 10 cubic yards of impacted soil were observed:						
Vertical extent:				Estimated spill volume:		
Lateral extent:				Volume of soil removed:		
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:						

ATTACHMENT C
LABORATORY ANALYTICAL REPORTS

August 28, 2024

Entrada Consulting Group

Chelsea Veryser

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Stroh H 12-16

Project Number - [none]

Attached are your analytical results for Chevron - Stroh H 12-16 received by Origins Laboratory, Inc. July 26, 2024. This project is associated with Origins project number Y407738-01.

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



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	Y407738-01	Soil	July 25, 2024 14:00	07/26/2024 17:25
FLR01@4	Y407738-02	Soil	July 25, 2024 14:05	07/26/2024 17:25

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.

Jordan A. Bynon For Jen Pellegrini, Project Manager

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4407738

Client: Entrada

Client Project ID: Stroh #12-16

Checklist Completed by: TSN/PH

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

Date/time completed: 7/29/24

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 2.3 °C _____ °C _____ °C (Describe)

Thermometer ID: 1005

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 (Project Manager) TSN

7/30/24
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

WH01@6
7/25/2024 2:00:00PM

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

Origins Laboratory, Inc.
Y407738-01 (Soil)

Boron (DTPA Sorbitol)

Boron	2.54	0.101	mg/L	1	B4G3109	07/31/2024	08/01/2024	
-------	------	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4G3030	07/30/2024	07/30/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	93.4 %	50-150	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4G2801	07/29/2024	07/30/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130	"	"	"	"	"
----------------------------------	-------	--------	---	---	---	---	---

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

WH01@6

7/25/2024 2:00:00PM

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

Origins Laboratory, Inc.
Y407738-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	98.7 %	70-130				B4G28 01	07/29/2024	07/30/2024	
Surrogate: 4-Bromofluorobenzene	94.9 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	24.5	0.499	meq/L	10	[CALC]	07/31/2024	08/01/2024	
Magnesium	23.5	0.823	"	"	"	"	"	
Sodium	19.4	0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4G2920	07/29/2024	07/30/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua

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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

WH01@6

7/25/2024 2:00:00PM

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

Origins Laboratory, Inc.

Y407738-01 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4G2920	07/29/2024	07/30/2024	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	84.6 %	60-130	"	"	"
Surrogate: Anthracene-d10	98.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	99.4 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	105 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.14	pH Units	1	B4G3120	07/31/2024	08/01/2024
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	3.95	0.0100	SAR	1	B4G3114	07/31/2024	08/01/2024
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.43	0.00500	mmhos/cm	1	B4G3120	07/31/2024	08/01/2024
---------------------------	------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

WH01@6

7/25/2024 2:00:00PM

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

Origins Laboratory, Inc.

Y407738-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.05	0.273	mg/kg	10	B4G2919	07/29/2024	07/30/2024
Barium	79.0	9.43	"	"	"	"	"
Cadmium	0.159	0.0943	"	"	"	"	"
Copper	ND	9.43	"	"	"	"	"
Lead	11.9	0.943	"	"	"	"	"
Nickel	6.44	0.943	"	"	"	"	"
Selenium	ND	0.245	"	"	"	"	"
Silver	ND	0.0943	"	"	"	"	"
Zinc	ND	34.9	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.161	0.403	mg/kg dry	1	2660935	08/21/2024	08/26/2024	U
---------------------	----	-------	-------	-----------	---	---------	------------	------------	---

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

FLR01@4
7/25/2024 2:05:00PM

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

Origins Laboratory, Inc.
Y407738-02 (Soil)

Boron (DTPA Sorbitol)

Boron	1.55	0.100	mg/L	1	B4G3109	07/31/2024	08/01/2024	
-------	------	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4G3030	07/30/2024	07/30/2024	Ua
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	96.8 %	50-150	"	"	"	"	"	"
------------------------	--------	--------	---	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4G3025	07/30/2024	07/31/2024	Ua
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Benzene	ND	0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND	0.00200	"	"	"	"	"	Ua
Toluene	ND	0.00200	"	"	"	"	"	Ua
Xylenes, total	ND	0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	118 %	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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

FLR01@4

7/25/2024 2:05:00PM

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

Origins Laboratory, Inc.

Y407738-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.0 %	70-130				B4G30 25	07/30/2024	07/31/2024	
Surrogate: 4-Bromofluorobenzene	96.1 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	23.5	0.499	meq/L	10	[CALC]	07/31/2024	08/01/2024	
Magnesium	21.5	0.823	"	"	"	"	"	
Sodium	21.0	0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4G3029	07/30/2024	07/30/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

FLR01@4
7/25/2024 2:05:00PM

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

Origins Laboratory, Inc.
Y407738-02 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4G3029	07/30/2024	07/30/2024	Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	Ua
Naphthalene	ND	0.002	"	"	"	"	"	Ua
Pyrene	ND	0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	99.8 %	60-130	"	"	"
Surrogate: Anthracene-d10	97.3 %	60-130	"	"	"
Surrogate: Pyrene-d10	104 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.8 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.05	pH Units	1	B4G3120	07/31/2024	08/01/2024
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	4.42	0.0100	SAR	1	B4G3114	07/31/2024	08/01/2024
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.45	0.00500	mmhos/cm	1	B4G3120	07/31/2024	08/01/2024
---------------------------	------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

FLR01@4

7/25/2024 2:05:00PM

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

Origins Laboratory, Inc.

Y407738-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.63	0.276	mg/kg	10	B4G3019	07/30/2024	08/01/2024
Barium	81.5	9.52	"	"	"	"	"
Cadmium	0.125	0.0952	"	"	"	"	"
Copper	ND	9.52	"	"	"	"	"
Lead	7.87	0.952	"	"	"	"	"
Nickel	7.91	0.952	"	"	"	"	"
Selenium	ND	0.247	"	"	"	"	"
Silver	ND	0.0952	"	"	"	"	"
Zinc	ND	35.2	"	"	"	"	"

Total Metals 7196A

Hexavalent Chromium	ND	0.177	0.444	mg/kg dry	1	2660935	08/21/2024	08/26/2024	U
---------------------	----	-------	-------	-----------	---	---------	------------	------------	---

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G2801 - EPA 5030 (soil)										
Blank (B4G2801-BLK1)					Prepared: 07/29/2024 Analyzed: 07/29/2024					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.3	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G2801 - EPA 5030 (soil)										
LCS (B4G2801-BS1)					Prepared: 07/29/2024 Analyzed: 07/29/2024					
1,2,4-Trimethylbenzene	0.105	0.00200	mg/kg	0.100		105	70-130			
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Benzene	0.106	0.00200	"	0.100		106	70-130			
Ethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Naphthalene	0.112	0.00380	"	0.100		112	70-130			
Toluene	0.103	0.00200	"	0.100		103	70-130			
o-Xylene	0.0982	0.00200	"	0.100		98.2	70-130			
m,p-Xylene	0.208	0.00400	"	0.200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G2801 - EPA 5030 (soil)

Matrix Spike (B4G2801-MS1)		Source: Y407695-01			Prepared: 07/29/2024 Analyzed: 07/29/2024					
1,2,4-Trimethylbenzene	0.116	0.00200	mg/kg	0.100	ND	116	70-130			
1,3,5-Trimethylbenzene	0.116	0.00200	"	0.100	ND	116	70-130			
Benzene	0.120	0.00200	"	0.100	ND	120	70-130			
Ethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130			
Naphthalene	0.126	0.00380	"	0.100	ND	126	70-130			
Toluene	0.116	0.00200	"	0.100	ND	116	70-130			
o-Xylene	0.108	0.00200	"	0.100	ND	108	70-130			
m,p-Xylene	0.228	0.00400	"	0.200	ND	114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		112	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G2801 - EPA 5030 (soil)										
Matrix Spike Dup (B4G2801-MSD1)		Source: Y407695-01			Prepared: 07/29/2024 Analyzed: 07/29/2024					
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	ND	101	70-130	13.1	20	
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	12.7	20	
Benzene	0.106	0.00200	"	0.100	ND	106	70-130	12.7	20	
Ethylbenzene	0.0992	0.00200	"	0.100	ND	99.2	70-130	13.0	20	
Naphthalene	0.111	0.00380	"	0.100	ND	111	70-130	13.3	20	
Toluene	0.100	0.00200	"	0.100	ND	100	70-130	14.5	20	
o-Xylene	0.0953	0.00200	"	0.100	ND	95.3	70-130	12.8	20	
m,p-Xylene	0.201	0.00400	"	0.200	ND	100	70-130	12.8	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		111	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G3025 - EPA 5030 (soil)										
Blank (B4G3025-BLK1)					Prepared: 07/30/2024 Analyzed: 07/30/2024					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G3025 - EPA 5030 (soil)										
LCS (B4G3025-BS1)					Prepared: 07/30/2024 Analyzed: 07/30/2024					
1,2,4-Trimethylbenzene	0.102	0.00200	mg/kg	0.100		102	70-130			
1,3,5-Trimethylbenzene	0.104	0.00200	"	0.100		104	70-130			
Benzene	0.0961	0.00200	"	0.100		96.1	70-130			
Ethylbenzene	0.0994	0.00200	"	0.100		99.4	70-130			
Naphthalene	0.108	0.00380	"	0.100		108	70-130			
Toluene	0.0984	0.00200	"	0.100		98.4	70-130			
o-Xylene	0.101	0.00200	"	0.100		101	70-130			
m,p-Xylene	0.200	0.00400	"	0.200		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.9	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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G3025 - EPA 5030 (soil)

Matrix Spike (B4G3025-MS1)		Source: Y407737-01			Prepared: 07/30/2024 Analyzed: 07/31/2024					
1,2,4-Trimethylbenzene	0.0863	0.00200	mg/kg	0.100	ND	86.3	70-130			
1,3,5-Trimethylbenzene	0.0826	0.00200	"	0.100	ND	82.6	70-130			
Benzene	0.0873	0.00200	"	0.100	ND	87.3	70-130			
Ethylbenzene	0.0891	0.00200	"	0.100	ND	89.1	70-130			
Naphthalene	0.116	0.00380	"	0.100	ND	116	70-130			
Toluene	0.0858	0.00200	"	0.100	ND	85.8	70-130			
o-Xylene	0.0905	0.00200	"	0.100	ND	90.5	70-130			
m,p-Xylene	0.180	0.00400	"	0.200	ND	90.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		122	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		108	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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 B4G3025 - EPA 5030 (soil)										
Matrix Spike Dup (B4G3025-MSD1)			Source: Y407737-01			Prepared: 07/30/2024 Analyzed: 07/30/2024				
1,2,4-Trimethylbenzene	0.0878	0.00200	mg/kg	0.100	ND	87.8	70-130	1.72	20	
1,3,5-Trimethylbenzene	0.0888	0.00200	"	0.100	ND	88.8	70-130	7.21	20	
Benzene	0.0886	0.00200	"	0.100	ND	88.6	70-130	1.46	20	
Ethylbenzene	0.0874	0.00200	"	0.100	ND	87.4	70-130	1.90	20	
Naphthalene	0.102	0.00380	"	0.100	ND	102	70-130	12.6	20	
Toluene	0.0891	0.00200	"	0.100	ND	89.1	70-130	3.80	20	
o-Xylene	0.0892	0.00200	"	0.100	ND	89.2	70-130	1.45	20	
m,p-Xylene	0.176	0.00400	"	0.200	ND	87.8	70-130	2.73	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.7	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

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 B4G3030 - EPA 3550B

Blank (B4G3030-BLK1)

Prepared: 07/30/2024 Analyzed: 07/30/2024

Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	23		"	24.9		92.6	50-150			

Origins Laboratory, Inc.



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

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

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 B4G3030 - EPA 3550B

LCS (B4G3030-BS1)

Prepared: 07/30/2024 Analyzed: 07/30/2024

Diesel (C10-C28)	1050	50.0	mg/kg	1000		105	70-130			
Residual Range Organics (C28-C40)	1150	200	"	1000		115	70-130			
Surrogate: o-Terphenyl	49		"	49.8		99.2	50-150			

Origins Laboratory, Inc.



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

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

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 B4G3030 - EPA 3550B

Matrix Spike (B4G3030-MS1)		Source: Y407738-01			Prepared: 07/30/2024 Analyzed: 07/30/2024					
Diesel (C10-C28)	1030	50.0	mg/kg	1000	ND	103	70-130			
Residual Range Organics (C28-C40)	1140	200	"	1000	ND	114	70-130			
Surrogate: o-Terphenyl	62		"	49.8		124	50-150			

Origins Laboratory, Inc.



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

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

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 B4G3030 - EPA 3550B

Matrix Spike Dup (B4G3030-MSD1)		Source: Y407738-01			Prepared: 07/30/2024 Analyzed: 07/30/2024					
Diesel (C10-C28)	1060	50.0	mg/kg	1000	ND	106	70-130	3.21	35	
Residual Range Organics (C28-C40)	1180	200	"	1000	ND	118	70-130	3.46	35	
Surrogate: o-Terphenyl	45		"	49.8		90.8	50-150			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G2919 - EPA 3050B

Blank (B4G2919-BLK1)

Prepared: 07/29/2024 Analyzed: 07/30/2024

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

LCS (B4G2919-BS1)

Prepared: 07/29/2024 Analyzed: 07/30/2024

Arsenic	5.37	0.290	mg/kg	5.00	107	80-120
Barium	532	10.0	"	500	106	80-120
Cadmium	5.89	0.100	"	5.00	118	80-120
Copper	56.1	10.0	"	50.0	112	80-120
Lead	5.63	1.00	"	5.00	113	80-120
Nickel	5.55	1.00	"	5.00	111	80-120
Selenium	5.82	0.260	"	5.00	116	80-120
Silver	5.93	0.100	"	5.00	119	80-120
Zinc	54.9	37.0	"	50.0	110	80-120

Matrix Spike (B4G2919-MS1)

Source: Y407706-03

Prepared: 07/29/2024 Analyzed: 07/30/2024

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G2919 - EPA 3050B

Matrix Spike (B4G2919-MS1)		Source: Y407706-03			Prepared: 07/29/2024 Analyzed: 07/30/2024					
Arsenic	6.20	0.277	mg/kg	4.78	1.47	98.9	75-125			
Barium	535	9.56	"	478	42.8	103	75-125			
Cadmium	5.39	0.0956	"	4.78	0.107	110	75-125			
Copper	54.5	9.56	"	47.8	3.81	106	75-125			
Lead	9.88	0.956	"	4.78	4.76	107	75-125			
Nickel	9.31	0.956	"	4.78	4.05	110	75-125			
Selenium	4.98	0.249	"	4.78	0.112	102	75-125			
Silver	5.44	0.0956	"	4.78	0.0135	114	75-125			
Zinc	68.4	35.4	"	47.8	20.5	100	75-125			

Matrix Spike Dup (B4G2919-MSD1)		Source: Y407706-03			Prepared: 07/29/2024 Analyzed: 07/30/2024					
Arsenic	6.61	0.259	mg/kg	4.46	1.47	115	75-125	6.49	20	
Barium	523	8.93	"	446	42.8	108	75-125	2.21	20	
Cadmium	5.36	0.0893	"	4.46	0.107	118	75-125	0.523	20	
Copper	53.4	8.93	"	44.6	3.81	111	75-125	1.97	20	
Lead	10.9	0.893	"	4.46	4.76	137	75-125	9.43	20	QM-07
Nickel	8.98	0.893	"	4.46	4.05	110	75-125	3.56	20	
Selenium	5.07	0.232	"	4.46	0.112	111	75-125	1.62	20	
Silver	5.32	0.0893	"	4.46	0.0135	119	75-125	2.23	20	
Zinc	66.8	33.0	"	44.6	20.5	104	75-125	2.36	20	

Batch B4G3019 - EPA 3050B

Blank (B4G3019-BLK1)		Prepared: 07/30/2024 Analyzed: 08/01/2024								
Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G3019 - EPA 3050B

Blank (B4G3019-BLK1)

Prepared: 07/30/2024 Analyzed: 08/01/2024

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

LCS (B4G3019-BS1)

Prepared: 07/30/2024 Analyzed: 08/01/2024

Arsenic	5.77	0.290	mg/kg	5.00	115	80-120
Barium	560	10.0	"	500	112	80-120
Cadmium	5.69	0.100	"	5.00	114	80-120
Copper	59.8	10.0	"	50.0	120	80-120
Lead	5.57	1.00	"	5.00	111	80-120
Nickel	5.88	1.00	"	5.00	118	80-120
Selenium	5.56	0.260	"	5.00	111	80-120
Silver	5.75	0.100	"	5.00	115	80-120
Zinc	58.1	37.0	"	50.0	116	80-120

Matrix Spike (B4G3019-MS1)

Source: Y407778-01

Prepared: 07/30/2024 Analyzed: 08/01/2024

Arsenic	7.92	0.285	mg/kg	4.91	2.35	113	75-125
Barium	612	9.81	"	491	93.5	106	75-125
Cadmium	5.40	0.0981	"	4.91	0.150	107	75-125
Copper	64.0	9.81	"	49.1	7.46	115	75-125
Lead	13.2	0.981	"	4.91	7.40	117	75-125
Nickel	12.4	0.981	"	4.91	6.16	128	75-125
Selenium	5.27	0.255	"	4.91	0.137	105	75-125
Silver	5.36	0.0981	"	4.91	0.0156	109	75-125

QM-07

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4G3019 - EPA 3050B										
Matrix Spike (B4G3019-MS1)		Source: Y407778-01			Prepared: 07/30/2024 Analyzed: 08/01/2024					
Zinc	85.8	36.3	mg/kg	49.1	29.7	114	75-125			
Matrix Spike Dup (B4G3019-MSD1)		Source: Y407778-01			Prepared: 07/30/2024 Analyzed: 08/01/2024					
Arsenic	9.23	0.270	mg/kg	4.65	2.35	148	75-125	15.2	20	QM-07
Barium	617	9.31	"	465	93.5	112	75-125	0.855	20	
Cadmium	5.15	0.0931	"	4.65	0.150	107	75-125	4.82	20	
Copper	63.6	9.31	"	46.5	7.46	121	75-125	0.632	20	
Lead	13.3	0.931	"	4.65	7.40	127	75-125	1.14	20	QM-07
Nickel	12.6	0.931	"	4.65	6.16	139	75-125	1.52	20	QM-07
Selenium	4.73	0.242	"	4.65	0.137	98.6	75-125	11.0	20	
Silver	5.11	0.0931	"	4.65	0.0156	109	75-125	4.87	20	
Zinc	86.0	34.4	"	46.5	29.7	121	75-125	0.213	20	

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G2920 - EPA 3580

Blank (B4G2920-BLK1)

Prepared: 07/29/2024 Analyzed: 07/29/2024

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

Surrogate: Fluorene-d10	190		ug/kg	200		96.2	60-130			
Surrogate: Anthracene-d10	190		"	200		95.1	60-130			
Surrogate: Pyrene-d10	210		"	200		105	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		97.3	60-130			

LCS (B4G2920-BS1)

Prepared: 07/29/2024 Analyzed: 07/29/2024

1-Methylnaphthalene	0.182	0.002	mg/kg	0.200		90.9	70-130			
2-Methylnaphthalene	0.181	0.002	"	0.200		90.7	70-130			
Acenaphthene	0.192	0.020	"	0.200		96.0	70-130			
Anthracene	0.183	0.020	"	0.200		91.3	70-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G2920 - EPA 3580

LCS (B4G2920-BS1)

Prepared: 07/29/2024 Analyzed: 07/29/2024

Benzo (a) anthracene	0.190	0.005	mg/kg	0.200		95.1	70-130			
Benzo (a) pyrene	0.194	0.020	"	0.200		96.9	70-130			
Benzo (b) fluoranthene	0.199	0.020	"	0.200		99.6	70-130			
Benzo (g,h,i) perylene	0.181	0.020	"	0.200		90.7	70-130			
Benzo (k) fluoranthene	0.174	0.020	"	0.200		86.9	70-130			
Chrysene	0.212	0.020	"	0.200		106	70-130			
Dibenz (a,h) anthracene	0.172	0.020	"	0.200		86.1	70-130			
Fluoranthene	0.219	0.020	"	0.200		109	70-130			
Fluorene	0.191	0.020	"	0.200		95.3	70-130			
Indeno (1,2,3-cd) pyrene	0.186	0.020	"	0.200		92.8	70-130			
Naphthalene	0.189	0.002	"	0.200		94.3	70-130			
Phenanthrene	0.195	0.020	"	0.200		97.4	70-130			
Pyrene	0.221	0.020	"	0.200		110	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		93.5	60-130			
Surrogate: Anthracene-d10	190		"	200		95.3	60-130			
Surrogate: Pyrene-d10	220		"	200		110	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		94.5	60-130			

Matrix Spike (B4G2920-MS1)

Source: Y407713-01

Prepared: 07/29/2024 Analyzed: 07/29/2024

1-Methylnaphthalene	0.200	0.002	mg/kg	0.200	0.007	96.5	70-130			
2-Methylnaphthalene	0.200	0.002	"	0.200	0.007	96.6	70-130			
Acenaphthene	0.217	0.020	"	0.200	0.006	106	70-130			
Anthracene	0.214	0.020	"	0.200	0.014	100	70-130			
Benzo (a) anthracene	0.374	0.005	"	0.200	0.061	156	70-130			QM-07
Benzo (a) pyrene	0.331	0.020	"	0.200	0.054	139	70-130			QM-07
Benzo (b) fluoranthene	0.326	0.020	"	0.200	0.058	134	70-130			QM-07
Benzo (g,h,i) perylene	0.245	0.020	"	0.200	0.044	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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G2920 - EPA 3580

Matrix Spike (B4G2920-MS1)		Source: Y407713-01			Prepared: 07/29/2024 Analyzed: 07/29/2024					
Benzo (k) fluoranthene	0.291	0.020	mg/kg	0.200	0.037	127	70-130			
Chrysene	0.355	0.020	"	0.200	0.063	146	70-130			QM-07
Dibenz (a,h) anthracene	0.197	0.020	"	0.200	0.010	93.7	70-130			
Fluoranthene	0.476	0.020	"	0.200	0.114	181	70-130			QM-07
Fluorene	0.215	0.020	"	0.200	0.004	106	70-130			
Indeno (1,2,3-cd) pyrene	0.252	0.020	"	0.200	0.038	107	70-130			
Naphthalene	0.217	0.002	"	0.200	0.006	106	70-130			
Phenanthrene	0.279	0.020	"	0.200	0.053	113	70-130			
Pyrene	0.481	0.020	"	0.200	0.111	185	70-130			QM-07
Surrogate: Fluorene-d10	190		ug/kg	200		95.9	60-130			
Surrogate: Anthracene-d10	180		"	200		90.3	60-130			
Surrogate: Pyrene-d10	210		"	200		107	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		93.8	60-130			

Matrix Spike Dup (B4G2920-MSD1)		Source: Y407713-01			Prepared: 07/29/2024 Analyzed: 07/29/2024					
1-Methylnaphthalene	0.183	0.002	mg/kg	0.200	0.007	88.3	70-130	8.58	20	
2-Methylnaphthalene	0.186	0.002	"	0.200	0.007	89.4	70-130	7.49	20	
Acenaphthene	0.195	0.020	"	0.200	0.006	94.6	70-130	10.8	20	
Anthracene	0.176	0.020	"	0.200	0.014	80.9	70-130	19.6	20	
Benzo (a) anthracene	0.229	0.005	"	0.200	0.061	83.8	70-130	48.1	20	QR-DUP
Benzo (a) pyrene	0.225	0.020	"	0.200	0.054	85.8	70-130	38.2	20	QR-DUP
Benzo (b) fluoranthene	0.246	0.020	"	0.200	0.058	94.0	70-130	28.1	20	QR-DUP
Benzo (g,h,i) perylene	0.195	0.020	"	0.200	0.044	75.7	70-130	22.5	20	QR-DUP
Benzo (k) fluoranthene	0.239	0.020	"	0.200	0.037	101	70-130	19.5	20	
Chrysene	0.246	0.020	"	0.200	0.063	91.4	70-130	36.5	20	QR-DUP
Dibenz (a,h) anthracene	0.171	0.020	"	0.200	0.010	80.6	70-130	14.2	20	
Fluoranthene	0.299	0.020	"	0.200	0.114	92.6	70-130	45.6	20	QR-DUP

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G2920 - EPA 3580

Matrix Spike Dup (B4G2920-MSD1)		Source: Y407713-01			Prepared: 07/29/2024 Analyzed: 07/29/2024					
Fluorene	0.190	0.020	mg/kg	0.200	0.004	92.9	70-130	12.5	20	
Indeno (1,2,3-cd) pyrene	0.200	0.020	"	0.200	0.038	80.9	70-130	22.8	20	QR-DUP
Naphthalene	0.191	0.002	"	0.200	0.006	92.8	70-130	12.7	20	
Phenanthrene	0.225	0.020	"	0.200	0.053	86.2	70-130	21.3	20	QR-DUP
Pyrene	0.303	0.020	"	0.200	0.111	95.8	70-130	45.4	20	QR-DUP
Surrogate: Fluorene-d10	190		ug/kg	200		95.4	60-130			
Surrogate: Anthracene-d10	180		"	200		90.6	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		94.7	60-130			

Batch B4G3029 - EPA 3580

Blank (B4G3029-BLK1)		Prepared: 07/30/2024 Analyzed: 07/30/2024								
1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua

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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G3029 - EPA 3580

Blank (B4G3029-BLK1)

Prepared: 07/30/2024 Analyzed: 07/30/2024

Naphthalene	ND	0.002	mg/kg							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua
Surrogate: Fluorene-d10	200		ug/kg	200		98.9	60-130			
Surrogate: Anthracene-d10	190		"	200		97.5	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

LCS (B4G3029-BS1)

Prepared: 07/30/2024 Analyzed: 07/30/2024

1-Methylnaphthalene	0.190	0.002	mg/kg	0.200		95.0	70-130			
2-Methylnaphthalene	0.187	0.002	"	0.200		93.6	70-130			
Acenaphthene	0.192	0.020	"	0.200		96.2	70-130			
Anthracene	0.184	0.020	"	0.200		92.2	70-130			
Benzo (a) anthracene	0.183	0.005	"	0.200		91.5	70-130			
Benzo (a) pyrene	0.195	0.020	"	0.200		97.4	70-130			
Benzo (b) fluoranthene	0.195	0.020	"	0.200		97.7	70-130			
Benzo (g,h,i) perylene	0.188	0.020	"	0.200		94.1	70-130			
Benzo (k) fluoranthene	0.210	0.020	"	0.200		105	70-130			
Chrysene	0.197	0.020	"	0.200		98.7	70-130			
Dibenz (a,h) anthracene	0.190	0.020	"	0.200		94.9	70-130			
Fluoranthene	0.188	0.020	"	0.200		94.0	70-130			
Fluorene	0.190	0.020	"	0.200		95.1	70-130			
Indeno (1,2,3-cd) pyrene	0.187	0.020	"	0.200		93.4	70-130			
Naphthalene	0.189	0.002	"	0.200		94.7	70-130			
Phenanthrene	0.189	0.020	"	0.200		94.4	70-130			
Pyrene	0.197	0.020	"	0.200		98.5	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G3029 - EPA 3580

LCS (B4G3029-BS1)

Prepared: 07/30/2024 Analyzed: 07/30/2024

Surrogate: Anthracene-d10	190		ug/kg	200		95.3	60-130
Surrogate: Pyrene-d10	210		"	200		103	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.3	60-130

Matrix Spike (B4G3029-MS1)

Source: Y407738-02

Prepared: 07/30/2024 Analyzed: 07/30/2024

1-Methylnaphthalene	0.191	0.002	mg/kg	0.200	0.0009	95.0	70-130
2-Methylnaphthalene	0.189	0.002	"	0.200	ND	94.3	70-130
Acenaphthene	0.192	0.020	"	0.200	ND	95.9	70-130
Anthracene	0.189	0.020	"	0.200	ND	94.4	70-130
Benzo (a) anthracene	0.202	0.005	"	0.200	0.002	100	70-130
Benzo (a) pyrene	0.209	0.020	"	0.200	ND	105	70-130
Benzo (b) fluoranthene	0.215	0.020	"	0.200	0.0009	107	70-130
Benzo (g,h,i) perylene	0.190	0.020	"	0.200	0.001	94.5	70-130
Benzo (k) fluoranthene	0.198	0.020	"	0.200	0.001	98.6	70-130
Chrysene	0.202	0.020	"	0.200	0.004	99.3	70-130
Dibenz (a,h) anthracene	0.185	0.020	"	0.200	ND	92.6	70-130
Fluoranthene	0.223	0.020	"	0.200	0.002	110	70-130
Fluorene	0.194	0.020	"	0.200	ND	97.0	70-130
Indeno (1,2,3-cd) pyrene	0.181	0.020	"	0.200	ND	90.4	70-130
Naphthalene	0.186	0.002	"	0.200	ND	93.0	70-130
Phenanthrene	0.206	0.020	"	0.200	0.002	102	70-130
Pyrene	0.223	0.020	"	0.200	0.002	110	70-130

Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130
Surrogate: Anthracene-d10	200		"	200		97.6	60-130
Surrogate: Pyrene-d10	210		"	200		104	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130

Matrix Spike Dup (B4G3029-MSD1)

Source: Y407738-02

Prepared: 07/30/2024 Analyzed: 07/30/2024

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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4G3029 - EPA 3580										
1-Methylnaphthalene	0.186	0.002	mg/kg	0.200	0.0009	92.4	70-130	2.78	20	
2-Methylnaphthalene	0.186	0.002	"	0.200	ND	92.8	70-130	1.60	20	
Acenaphthene	0.191	0.020	"	0.200	ND	95.4	70-130	0.580	20	
Anthracene	0.184	0.020	"	0.200	ND	91.9	70-130	2.70	20	
Benzo (a) anthracene	0.185	0.005	"	0.200	0.002	91.6	70-130	8.90	20	
Benzo (a) pyrene	0.205	0.020	"	0.200	ND	103	70-130	1.76	20	
Benzo (b) fluoranthene	0.206	0.020	"	0.200	0.0009	103	70-130	4.09	20	
Benzo (g,h,i) perylene	0.185	0.020	"	0.200	0.001	91.6	70-130	3.09	20	
Benzo (k) fluoranthene	0.194	0.020	"	0.200	0.001	96.4	70-130	2.28	20	
Chrysene	0.193	0.020	"	0.200	0.004	94.8	70-130	4.60	20	
Dibenz (a,h) anthracene	0.183	0.020	"	0.200	ND	91.3	70-130	1.41	20	
Fluoranthene	0.194	0.020	"	0.200	0.002	96.1	70-130	13.6	20	
Fluorene	0.190	0.020	"	0.200	ND	95.0	70-130	2.10	20	
Indeno (1,2,3-cd) pyrene	0.178	0.020	"	0.200	ND	89.0	70-130	1.62	20	
Naphthalene	0.185	0.002	"	0.200	ND	92.5	70-130	0.554	20	
Phenanthrene	0.188	0.020	"	0.200	0.002	93.1	70-130	9.41	20	
Pyrene	0.204	0.020	"	0.200	0.002	101	70-130	8.54	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.6	60-130			
Surrogate: Anthracene-d10	190		"	200		96.8	60-130			
Surrogate: Pyrene-d10	210		"	200		104	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Origins Laboratory, Inc.



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

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4G3109 - DTPA Sorbitol Preparation										
Blank (B4G3109-BLK1)					Prepared: 07/31/2024 Analyzed: 08/01/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4G3109-DUP1)					Source: Y407736-01 Prepared: 07/31/2024 Analyzed: 08/01/2024					
Boron	0.100	0.101	mg/L		0.124			21.0	50	
Batch B4G3114 - Saturated Paste Metals										
Blank (B4G3114-BLK1)					Prepared: 07/31/2024 Analyzed: 08/01/2024					
SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
Duplicate (B4G3114-DUP1)					Source: Y407676-17 Prepared: 07/31/2024 Analyzed: 08/01/2024					
Calcium PPM	7.98	10.0	mg/L		9.58			18.2	50	
SAR	ND	0.0100	SAR		9.72				200	
Magnesium PPM	3.88	10.0	mg/L		4.71			19.3	50	
Sodium PPM	127	10.0	"		147			14.4	50	

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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

Saturated Paste - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B4G3120 - Saturated Paste pH/EC

Blank (B4G3120-BLK1)

Prepared: 07/31/2024 Analyzed: 08/01/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4G3120-DUP1)

Source: Y407676-17

Prepared: 07/31/2024 Analyzed: 08/01/2024

pH	8.70		pH Units	8.68		0.230	25
Specific Conductance (EC)	0.645	0.00500	mmhos/cm	0.714		10.2	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.

Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryser
Project Number: [none]
Project: Chevron - Stroh H 12-16

Total Metals 7196A - Quality Control GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2660935 - SW846 3060A										
BLANK (1205830500-BLK)					Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	ND	0.298	mg/kg				-			U
LCS (1205830501-BKS)					Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	3.79	0.378	mg/kg	3.78		100	80-120			
DUP (1205830502 D)					Source: 678105001 Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	ND	0.416	mg/kg dry		<0.166		0-50	N/A	50	U
MS (1205830503 S)					Source: 678105001 Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	4.21	0.484	mg/kg dry	4.84	<0.194	86.9	75-125			
DUP (1205830504 D)					Source: 678105002 Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	ND	0.415	mg/kg dry		<0.166		0-50	N/A	50	U
MS (1205830505 S)					Source: 678105002 Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	2.44	0.291	mg/kg dry	2.91	<0.117	83.6	75-125			
ILCS (1205830506-ILCS)					Prepared: 08/21/2024 Analyzed: 08/26/2024					
Hexavalent Chromium	6.53	0.300	mg/kg	6.24		105	80-120			

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.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryser

Project Number: [none]

Project: Chevron - Stroh H 12-16

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

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

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


ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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

Origins Laboratory, Inc.



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