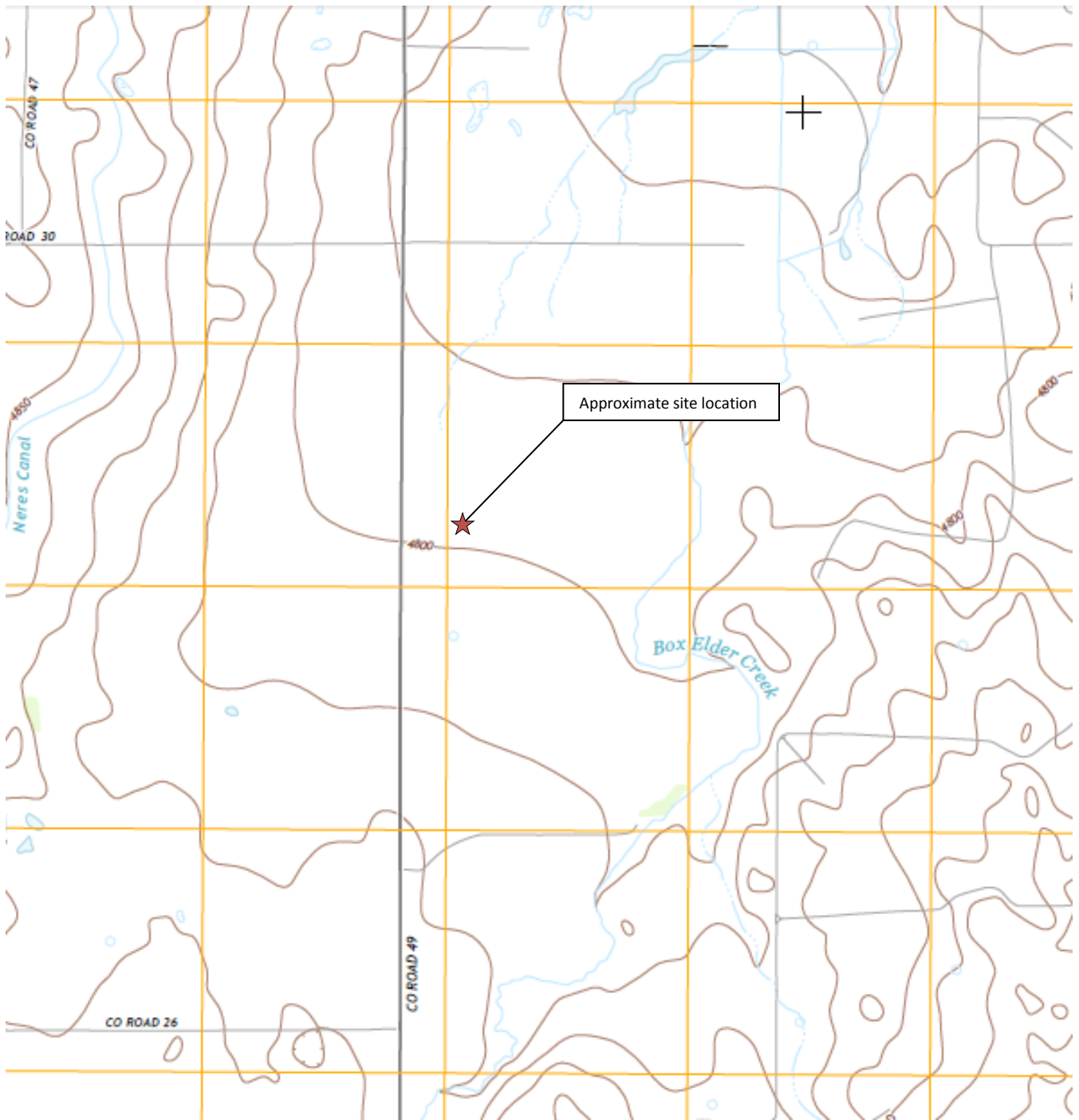


FIGURES

Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Soil Sample Analytical Map



Topographic Site Location Map

Leslie E. Hanson Gas Unit #1
 Water Vault Removal
 40.192624/-104.600389
 SW¼ SW¼ SEC.30 T3N R64W 6PM
 Weld County, Colorado
 API # 05-123-08594

Source: USGS 7.5 Minute Topographic
 Map, Klug Ranch, CO Quadrangle 2013

Figure 1

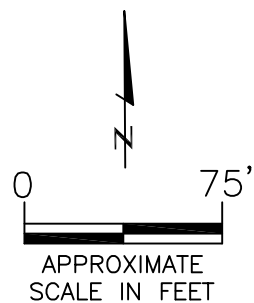


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LEGEND

- LESLIE E. HANSON GAS UNIT #1 TANK BATTERY
- LESLIE E. HANSON GAS UNIT #1 WELL PAD (40.192373/ -104.599314)
- APPROXIMATE LOCATION OF WATER VAULT REMOVAL/EXCAVATION



AERIAL SITE LOCATION MAP
 LESLIE E. HANSON GAS UNIT #1
 WATER VAULT REMOVAL
 40.192624 / -104.600389
 SW1/4 SW1/4 SEC.30 T3N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-08594

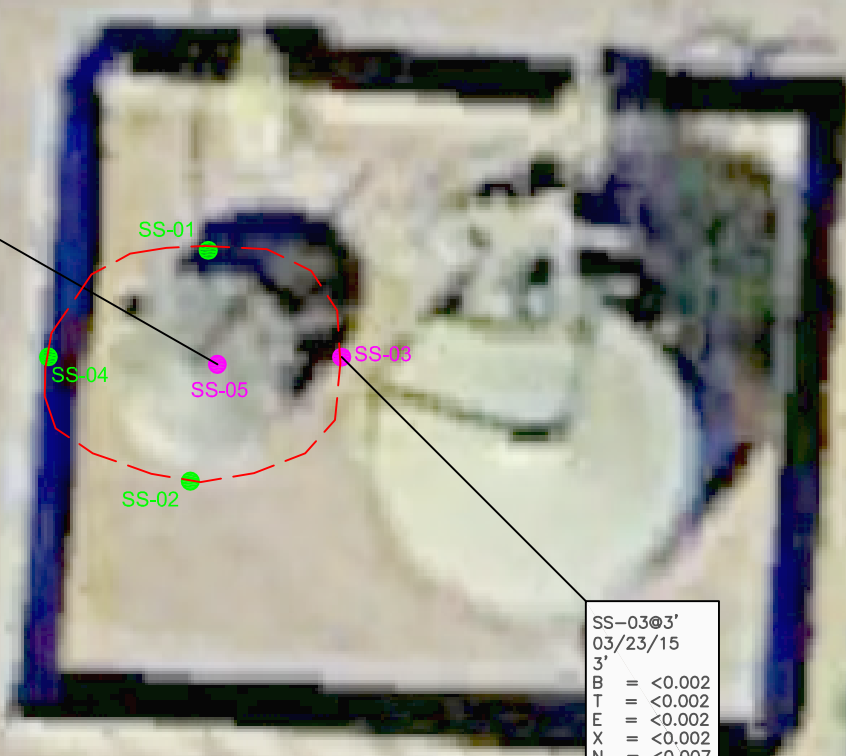
DATE:
03/25/15

FIG. NO. 2
 DRAWN BY: ar



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 CONSULTING, INC.
 4101 INCA STREET, DENVER, CO 80211
 Ph: 303-433-0479 • F: 303-325-5449

SS-05@4.5'
03/23/15
4.5'
B = <0.002
T = <0.002
E = <0.002
X = <0.002
N = <0.007
G = 0.348
D = <50.0



SS-03@3'
03/23/15
3'
B = <0.002
T = <0.002
E = <0.002
X = <0.002
N = <0.007
G = 0.256
D = <50.0

LEGEND

- APPROXIMATE EXCAVATION BOUNDARIES
- SS-01 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD ANALYZED WITH PHOTOIONIZATION DETECTOR (PID)
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

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

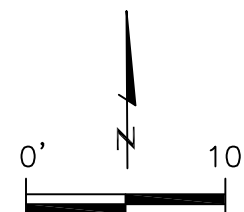
mg/kg = MILLIGRAMS PER KILOGRAM

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE ORGANICS

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

THE SITE WAS UNDER DECOMMISSION UPON ARRIVAL; FACILITIES NO LONGER PRESENT.



APPROXIMATE
SCALE IN FEET

SOIL SAMPLE ANALYTICAL MAP
LESLIE E. HANSON GAS UNIT #1
WATER VAULT REMOVAL
40.192624/-104.600389
SW1/4 SW1/4 SEC.30 T3N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-08594

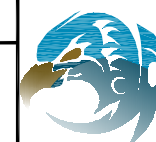
DATE: 03/23/15

FIG. NO.

3

DRAWN BY:

amn



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ENVIRONMENTAL
CONSULTING, INC.
4101 INCA STREET, DENVER, CO 80211
Ph: 303-433-0479 • F: 303-325-5449

TABLE

Table 1: Soil Analytical Results Summary

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
LESLIE E. HANSON GAS UNIT #1
WATER VAULT REMOVAL
40.192624 / -104.600389
SW¼ SW¼ SEC.30 T3N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-08594

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Specific Conductance (mmhos/cm)	pH (pH units)	SAR
COGCC Table 910-1 Regulatory Limits (mg/kg)			0.17	85	100	175	23	500		<4	6 to 9	<12[^]5
SS-03 @ 3' (40.192629012 / -104.60037347)	03/23/15	3.0	<0.002	<0.002	<0.002	<0.002	<0.007	0.256	<50.0	0.0160	8.06	0.25
SS-05 @ 4.5' (40.192636978 / -104.600387517)	03/23/15	4.5	<0.002	<0.002	<0.002	<0.002	<0.007	0.348	<50.0	NA	NA	NA
COGCC = Colorado Oil and Gas Conservation Commission mg/kg = milligrams per kilogram mmhos/cm = millimhos per centimeter NA = Not Analyzed TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics SAR = Sodium Adsorption Ratio Note: Values presented with a less than symbol (<) did not contain concentrations exceeding the laboratory reporting limit.												



ATTACHMENT A

Laboratory Analytical Report



March 24, 2015

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Noble -Leslie E. Hanson Gas Unit #1 **Project Number - [none]**

Attached are your analytical results for Noble -Leslie E. Hanson Gas Unit #1 received by Origins Laboratory, Inc. March 23, 2015. This project is associated with Origins project number X503278-01.

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.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Noble -Leslie E. Hanson Gas Unit #1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-03 @ 3'	X503278-01	Soil	March 23, 2015 9:25	03/23/2015 10:25
SS-05 @ 4.5'	X503278-02	Soil	March 23, 2015 9:30	03/23/2015 10:25

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.

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

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page / of /

Client: Engle Env. Consulting, Inc.
Address: 4101 Iowa Street
Denver, CO, 80211
Telephone Number: (303) 433-6479
Email Address: alice.3@engle-env.co.com

Project Manager: Martha Elliott-JH
Project Name: Leslie E. Hansen Gas Leak #1
Project Number: —
Samples Collected By: A. Newberry

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis			Sample Instructions		
				Unpreserved	HCl	HNO ₃	Groundwater	Soil	Air Summa #	Other	8160- B160	8160- B160		2160- B160	2160- B160
SS-03 @ 3'	3/23/15	925	2	X				X			X	X	X	1	Sample Instructions
SS-05 @ 4.5'	3/23/15	930	2	X				X			X	X	X	2	
														3	
														4	
														5	
														6	
														7	
														8	
														9	
														10	
														11	

Relinquished By: [Signature] Date: 3/23/15 Time: 1025
Relinquished By: [Signature] Date: 3/23/15 Time: 1025

Received By: [Signature] Date: 3/23/15 Time: 1025

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

Hold samples for PAHs - TBD

Temp Received: 20

Date Results Needed: 10/16/15

Origins Laboratory, Inc.

Jeff Pellgrini

The results in 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.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Noble -Leslie E. Hanson Gas Unit #1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: XSUB278

Client: Eagle Env.

Client Project ID: Leslie E. Hanson

Checklist Completed by: Jen Pellegrini

Shipped Via: HLD

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

Date/time completed: 3/23/15

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 2.0 °C _____ / _____ °C _____ / _____ °C (Describe)

Thermometer ID: TD03

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 checked="" type="checkbox"/>	<input 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"/>	pH
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)

Date/Time Reviewed

Origins Laboratory, Inc.

Jen Pellegrini

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

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

SS-03 @ 3'
3/23/2015 9:25:00AM

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

Origins Laboratory, Inc.
X503278-01 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	5C23006	03/23/2015	03/23/2015
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	89.7 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	0.256	0.200	mg/kg	1	5C23005	03/23/2015	03/23/2015
Benzene	ND	0.002	"	"	"	"	"
Toluene	ND	0.002	"	"	"	"	"
Ethylbenzene	ND	0.002	"	"	"	"	"
Xylenes, total	ND	0.002	"	"	"	"	"
Napthalene	ND	0.007	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	"
Surrogate: Toluene-d8	111 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	96.8 %	70-130			"	"	"

pH in Soil by EPA 9045D

pH	8.06		pH Units	1	5C23007	03/23/2015	03/23/2015
----	------	--	----------	---	---------	------------	------------

SAR Metals by SW-846 6010C

Calcium	539	99	mg/kg	1	964393	03/24/2015	03/24/2015
Magnesium	656	99	"	"	"	"	"

Origins Laboratory, Inc.



The results in 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.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

SS-03 @ 3'
3/23/2015 9:25:00AM

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

XENCO
X503278-01 (Soil)

SAR Metals by SW-846 6010C

Sodium	36	99	mg/kg	1	964393	03/24/2015	03/24/2015	J
--------	----	----	-------	---	--------	------------	------------	---

Sodium Absorption Ratio

Sodium Absorption Ratio	0.25			1	964410	"	03/24/2015	
-------------------------	------	--	--	---	--------	---	------------	--

Specific Conductance by Modified 9050A

Specific Conductance (EC)	0.0160		mmhos/cm	1	5C23008	03/23/2015	03/23/2015	
---------------------------	--------	--	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in 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.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

SS-05 @ 4.5'
3/23/2015 9:30:00AM

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

Origins Laboratory, Inc.
X503278-02 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	5C23006	03/23/2015	03/23/2015
------------------	----	------	-------	---	---------	------------	------------

Surrogate: o-Terphenyl	96.5 %	59-131			"	"	"
------------------------	--------	--------	--	--	---	---	---

GBTEX + Napthalene by 8260C

Gasoline Range Hydrocarbons	0.348	0.200	mg/kg	1	5C23005	03/23/2015	03/23/2015
Benzene	ND	0.002	"	"	"	"	"
Toluene	ND	0.002	"	"	"	"	"
Ethylbenzene	ND	0.002	"	"	"	"	"
Xylenes, total	ND	0.002	"	"	"	"	"
Napthalene	ND	0.007	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130			"	"	"
Surrogate: Toluene-d8	106 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	70-130			"	"	"

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Noble -Leslie E. Hanson Gas Unit #1

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

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

Batch 5C23005 - EPA 5030 (soil)

Blank (5C23005-BLK1)

Prepared: 03/23/2015 Analyzed: 03/23/2015

Gasoline Range Hydrocarbons	ND	0.200	mg/kg							
Benzene	ND	0.002	"							
Toluene	ND	0.002	"							
Ethylbenzene	ND	0.002	"							
Xylenes, total	ND	0.002	"							
Naphthalene	ND	0.007	"							
Surrogate: 1,2-Dichloroethane-d4	60		ug/kg	62.5		95.3	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		93.6	70-130			

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C23005 - EPA 5030 (soil)										
LCS (5C23005-BS1)					Prepared: 03/23/2015 Analyzed: 03/23/2015					
Benzene	0.107	0.002	mg/kg	0.100		107	70-130			
Toluene	0.107	0.002	"	0.100		107	70-130			
Ethylbenzene	0.117	0.002	"	0.100		117	70-130			
m,p-Xylene	0.234	0.004	"	0.200		117	70-130			
o-Xylene	0.113	0.002	"	0.100		113	70-130			
Naphthalene	0.092	0.007	"	0.100		91.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		98.2	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		98.9	70-130			

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C23005 - EPA 5030 (soil)										
Matrix Spike (5C23005-MS1)		Source: X503258-01			Prepared: 03/23/2015 Analyzed: 03/23/2015					
Benzene	0.095	0.002	mg/kg	0.100	ND	95.4	70-130			
Toluene	0.096	0.002	"	0.100	ND	96.4	70-130			
Ethylbenzene	0.094	0.002	"	0.100	ND	94.2	70-130			
m,p-Xylene	0.188	0.004	"	0.200	ND	94.2	70-130			
o-Xylene	0.088	0.002	"	0.100	ND	88.5	70-130			
Naphthalene	0.045	0.007	"	0.100	0.0007	44.7	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	64		ug/kg	62.5		103	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	59		"	62.5		94.8	70-130			

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Noble -Leslie E. Hanson Gas Unit #1

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C23005 - EPA 5030 (soil)										
Matrix Spike Dup (5C23005-MSD1)			Source: X503258-01		Prepared: 03/23/2015 Analyzed: 03/23/2015					
Benzene	0.101	0.002	mg/kg	0.100	ND	101	70-130	5.41	20	
Toluene	0.103	0.002	"	0.100	ND	103	70-130	6.82	20	
Ethylbenzene	0.089	0.002	"	0.100	ND	89.2	70-130	5.43	20	
m,p-Xylene	0.178	0.004	"	0.200	ND	89.2	70-130	5.42	20	
o-Xylene	0.087	0.002	"	0.100	ND	87.0	70-130	1.64	20	
Naphthalene	0.043	0.007	"	0.100	0.0007	41.9	70-130	6.32	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		98.9	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		95.5	70-130			

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control

Origins Laboratory, Inc.

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

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

Origins Laboratory, Inc.

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

Batch 5C23006 - EPA 3580

Blank (5C23006-BLK1)

Prepared: 03/23/2015 Analyzed: 03/23/2015

Diesel (C10-C28) ND 50.0 mg/kg

Surrogate: o-Terphenyl 51 " 50.0 101 59-131

LCS (5C23006-BS1)

Prepared: 03/23/2015 Analyzed: 03/23/2015

Diesel (C10-C28) 1040 50.0 mg/kg 64-121

Surrogate: o-Terphenyl 50 " 50.0 99.1 59-131

Matrix Spike (5C23006-MS1)

Source: X503258-01

Prepared: 03/23/2015 Analyzed: 03/23/2015

Diesel (C10-C28) 985 50.0 mg/kg 39.7 53-125

Surrogate: o-Terphenyl 40 " 50.0 80.8 59-131

Matrix Spike Dup (5C23006-MSD1)

Source: X503258-01

Prepared: 03/23/2015 Analyzed: 03/23/2015

Diesel (C10-C28) 943 50.0 mg/kg 39.7 53-125 4.36 20

Surrogate: o-Terphenyl 39 " 50.0 78.6 59-131

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

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 5C23007 - NO PREP										
Duplicate (5C23007-DUP1)		Source: X503258-01			Prepared: 03/23/2015 Analyzed: 03/23/2015					
pH	7.91		pH Units		7.85			0.761	25	
Batch 5C23008 - NO PREP										
Blank (5C23008-BLK1)		Prepared: 03/23/2015 Analyzed: 03/23/2015								
Specific Conductance (EC)	0.00260		mmhos/cm							
Duplicate (5C23008-DUP1)		Source: X503258-01			Prepared: 03/23/2015 Analyzed: 03/23/2015					
Specific Conductance (EC)	0.259		mmhos/cm		0.263			1.53	25	

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Martin C Eckert III
Project Number: [none]
Project: Noble -Leslie E. Hanson Gas Unit #1

SAR Metals by SW-846 6010C - Quality Control XENCO

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 964393 - SW3050B										
MS (504458-001 S)		Source: 504458-001 S			Prepared: 03/24/2015 Analyzed: 03/24/2015					
Sodium	1150	96.4	mg/kg	868	274	101	75-125		20	
Calcium	27800	96.4	"	868	28000		75-125		20	
Magnesium	3810	96.4	"	868	2440	158	75-125		20	
MSD (504458-001 SD)		Source: 504458-001 SD			Prepared: 03/24/2015 Analyzed: 03/24/2015					
Calcium	28100	98.1	mg/kg	883	28000	11	75-125	1	20	
Magnesium	2850	98.1	"	883	2440	46	75-125	29	20	
Sodium	1100	98.1	"	883	274	94	75-125	4	20	
LCS (690169-1-BKS)		Source: 690169-1-BKS			Prepared: 03/24/2015 Analyzed: 03/24/2015					
Calcium	901	100	mg/kg	900	5.62	100	75-125		20	
Magnesium	884	100	"	900	<1.22	98	75-125		20	
Sodium	811	100	"	900	<0.260	90	75-125		20	
BLANK (690169-1-BLK)		Source: 690169-1-BLK			Prepared: 03/24/2015 Analyzed: 03/24/2015					
Calcium	5.62	100	mg/kg	900			-		20	J
Magnesium	ND	100	"	900			-		20	
Sodium	ND	100	"	900			-		20	
LCSD (690169-1-BSD)		Source: 690169-1-BSD			Prepared: 03/24/2015 Analyzed: 03/24/2015					
Sodium	844	100	mg/kg	900	<0.260	94	75-125	4	20	
Calcium	941	100	"	900	5.62	105	75-125	4	20	
Magnesium	923	100	"	900	<1.22	103	75-125	4	20	

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Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Noble -Leslie E. Hanson Gas Unit #1

Notes and Definitions

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

J analyte was detected between the MDL and PQL, result is considered estimated.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jen Pellegrini For Noelle Doyle Mathis, President