

**DCP O'Connor GAS PLANT CND SITE
FEBRUARY 2020
FORM 27 SUPPLEMENTAL SUMMARY REPORT**

ATTACHMENTS

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|---|------------------------------------|

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| 2 | Site Overview Map with Soil Sample Locations |
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| | - Origins Laboratory Job #: Y002049 |
| | - Origins Laboratory Job #: Y002242 |
| B | Boring Logs |

TABLE 1
DCP MIDSTREAM - O'CONNOR 1 CND GAS PLANT
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	PID Reading (PPM)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH (mg/kg) ²	Comments
CND#1	11/15/2019	-	<0.0500	1.05	0.976	10.40	581	
CND#1	12/12/2019	-	0.003	0.004	<0.002	<0.002	<50.0	
CND#2	11/15/2019	-	4.04	37.2	3.20	24.7	521.2	
CND#2	12/12/2019	-	19.6	84.4	6.99	72.6	69.2	
CND#2	12/26/2019	-	18.0	47.6	2.93	22.0	<50.0	
CND#3	11/15/2019	-	0.499	2.14	0.282	2.26	53.8	
CND#3	12/12/2019	-	1.54	5.58	0.626	4.52	<50.0	
CND#3	12/26/2019	-	14.2	37.9	2.86	20.9	<50.0	
BH01 @ 7'	2/5/2020	1,008	0.260	1.54	0.288	2.18	<50.0	
BH02 @ 3'	2/5/2020	21.6	<0.050	<0.050	<0.050	<0.050	<50.0	
BH03 @ 3'	2/5/2020	55.3	<0.050	<0.050	<0.050	<0.050	<50.0	
BH04 @ 3'	2/5/2020	400.0	<0.050	0.308	0.0630	0.502	<50.0	
BH05 @ 3'	2/5/2020	198.0	0.0545	<0.050	<0.050	<0.050	<50.0	
BH06 @ 5'	2/5/2020	824.0	0.558	1.62	0.170	1.23	<50.0	
BH07 @ 6'	2/18/2020	3.9	<0.050	<0.050	<0.050	<0.050	<50.0	Step out from BH06
BH08 @ 7'	2/18/2020	58.0	0.0766	0.252	0.0225	0.172	<50.0	Step out from BH01
COGCC standards for Soil (mg/kg)⁽¹⁾			0.17	85	100	175	500	

1). Standards for Soil are referenced from the 2 CCR 404-1, Table 910-1, effective January 30, 2015.

2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.

GRO - Gasoline range organics.

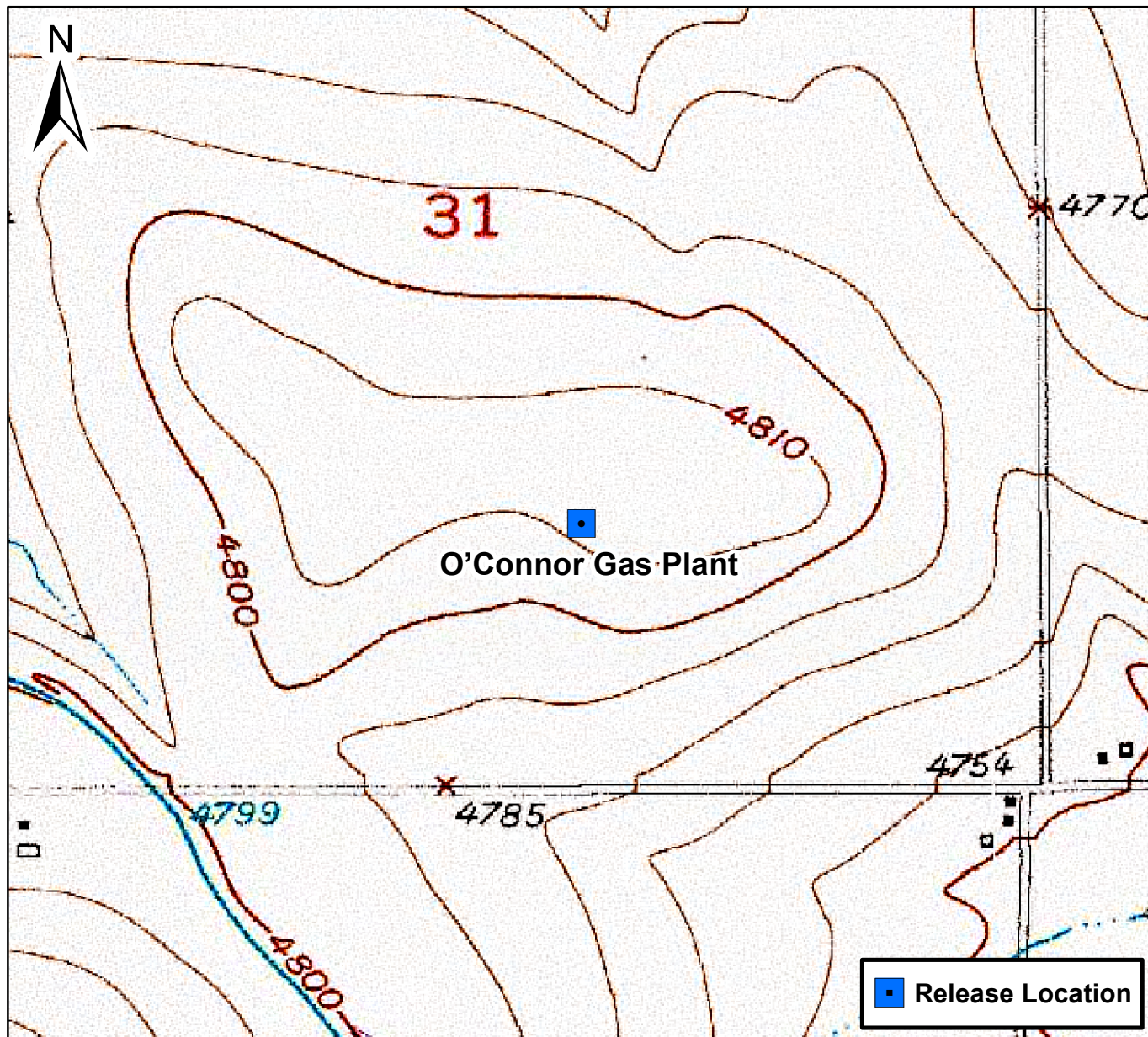
DRO - Diesel range organics.

mg/kg= Milligrams per kilogram.

PID - Photoionization Detector

ppm - Parts per million

NA - Not Analyzed



0 750 1,500 Feet

Figure 1

Site Location Map
O'Connor Gas Plant
SWSE S31 T5N R64W
Weld County, Colorado





DATE:	February 2020
DESIGNED BY:	B. Humphrey
DRAWN BY:	L. Martin



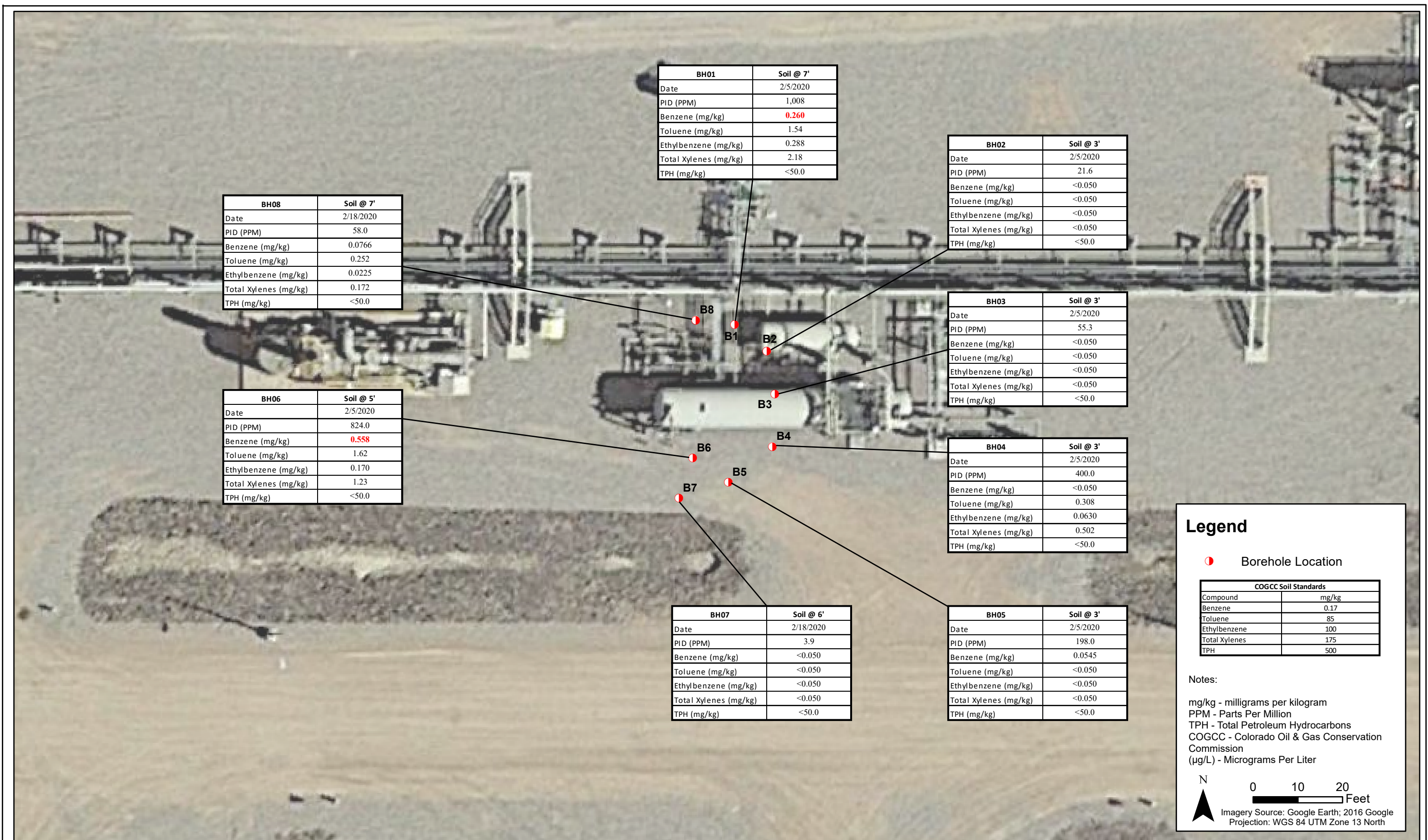
TASMAN
GEOSCIENCES

Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
O'Connor Gas Plant
SWSE, Section 31, Township 5 North, Range 64 West
Weld County, Colorado

Site Location Map

Figure
1



DATE:
February 2020

DESIGNED BY:
B. Humphrey

DRAWN BY:
L. Martin



**DCP Midstream
O'Connor Gas Plant**
SWSE, Section 31, Township 5 North, Range 64 West
Weld County, Colorado

Soil Sample Locations
and Analytical Results
(February 5 and 18, 2020)

Figure
3

February 10, 2020

DCP Midstream

Chandler Cole

3026 4th Ave.

Greeley, CO 80631 CO 80631

Project Name - O'Connor 1

Project Number - [none]

Attached are your analytical results for O'Connor 1 received by Origins Laboratory, Inc. February 05, 2020. This project is associated with Origins project number Y002049-01.

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



DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1@7'	Y002049-01	Soil	February 5, 2020 13:21	02/05/2020 16:45
B2@3'	Y002049-02	Soil	February 5, 2020 14:50	02/05/2020 16:45
B3@3'	Y002049-03	Soil	February 5, 2020 14:30	02/05/2020 16:45
B4@3'	Y002049-04	Soil	February 5, 2020 14:15	02/05/2020 16:45
B5@3'	Y002049-05	Soil	February 5, 2020 13:55	02/05/2020 16:45
B6@5'	Y002049-06	Soil	February 5, 2020 13:50	02/05/2020 16:45

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO

80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

www.originslaboratory.com

1002049

ORIGINS
LABORATORY, INC

page of

Client: DCP Midstream
Address: _____
Telephone Number: 970-939-0329
Email Address: Cecile@dcpmidstream.com

Project Manager: Chandler Cole
Project Name: O'Connor 1
Project Number: _____
Samples Collected By: Chandler Cole / Mark Daley

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix		Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil		
B1E7'	2/5/20	1:21PM	1	✓						DEO E205 B260 E260	1
B2E3'	2/5/20	2:50PM	1	✓							2
B3E3'	2/5/20	2:30PM	1	✓							3
B4E3'	2/5/20	2:15PM	1	✓							4
B5E3'	2/5/20	1:55PM	1	✓							5
B6E5'	2/5/20	1:50PM	1	✓							6
											7
											8
											9
											10
Relinquished By: <u>Chandler S. Cole</u>	Date: <u>2/5/20</u>	Time: <u>4:44PM</u>	Received By: <u>[Signature]</u>	Date: <u>2/5/20</u>	Time: <u>1:45</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					

Date Results Needed

Temp Received- 2

Origins Laboratory, Inc.

Jefe Pellegrini

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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: Y002049

Client: DCP

Client Project ID: O'Connor 1

Checklist Completed by: JG

Shipped Via: HS

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

Date/time completed: 2/6/20

Airbill #: N/A

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

Cooler Number/Temperature: 1, 2.1 °C °C °C (Describe)

Thermometer ID: 9003

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) CP

2/6/20
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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B1@7'

2/5/2020 1:21:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002049-01 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	0.260	0.0500	mg/kg	25	B0B0603	ZZZ	02/06/2020	02/06/2020	
Toluene	1.54	0.0500	"	"	"	ZZZ	"	"	
Ethylbenzene	0.288	0.0500	"	"	"	ZZZ	"	"	
Xylenes, total	2.18	0.0500	"	"	"	ZZZ	"	"	
Gasoline Range Hydrocarbons	38.8	5.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130			"	"	"	
Surrogate: Toluene-d8	98.8 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	97.3 %	70-130			"	"	"	

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B0604	TEM	02/06/2020	02/06/2020	U
Surrogate: o-Terphenyl	64.9 %	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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B2@3'

2/5/2020 2:50:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002049-02 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	ND	0.0500	mg/kg	25	B0B0603	ZZZ	02/06/2020	02/06/2020	U
Toluene	ND	0.0500	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.0500	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	5.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130	"	"	"
Surrogate: Toluene-d8	99.1 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	97.0 %	70-130	"	"	"

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B0604	TEM	02/06/2020	02/07/2020	U
Surrogate: o-Terphenyl	73.0 %	50-150			"		"	"	

Origins Laboratory, Inc.

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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B3@3'

2/5/2020 2:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002049-03 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	ND	0.0500	mg/kg	25	B0B0603	ZZZ	02/06/2020	02/06/2020	U
Toluene	ND	0.0500	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.0500	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	5.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130	"	"	"
Surrogate: Toluene-d8	94.6 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B0604	TEM	02/06/2020	02/07/2020	U
Surrogate: o-Terphenyl	64.7 %	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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B4@3'

2/5/2020 2:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002049-04 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	ND	0.0500	mg/kg	25	B0B0603	ZZZ	02/06/2020	02/06/2020	U
Toluene	0.308	0.0500	"	"	"	ZZZ	"	"	
Ethylbenzene	0.0630	0.0500	"	"	"	ZZZ	"	"	
Xylenes, total	0.502	0.0500	"	"	"	ZZZ	"	"	
Gasoline Range Hydrocarbons	7.94	5.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4

98.4 % 70-130

"

"

"

Surrogate: Toluene-d8

98.3 % 70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

99.6 % 70-130

"

"

"

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B0604	TEM	02/06/2020	02/07/2020	U
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Surrogate: o-Terphenyl

65.0 % 50-150

"

"

"

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B5@3'

2/5/2020 1:55:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002049-05 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	ND	0.0500	mg/kg	25	B0B0603	ZZZ	02/06/2020	02/06/2020	U
Toluene	0.0545	0.0500	"	"	"	ZZZ	"	"	
Ethylbenzene	ND	0.0500	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.0500	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	5.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130	"	"	"
Surrogate: Toluene-d8	96.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B0604	TEM	02/06/2020	02/07/2020	U
Surrogate: o-Terphenyl	58.1 %	50-150			"		"	"	

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B6@5'

2/5/2020 1:50:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002049-06 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	0.558	0.0500	mg/kg	25	B0B0603	ZZZ	02/06/2020	02/06/2020	
Toluene	1.62	0.0500	"	"	"	ZZZ	"	"	
Ethylbenzene	0.170	0.0500	"	"	"	ZZZ	"	"	
Xylenes, total	1.23	0.0500	"	"	"	ZZZ	"	"	
Gasoline Range Hydrocarbons	11.5	5.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130			"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	97.2 %	70-130			"	"	"	

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B0604	TEM	02/06/2020	02/07/2020	U
Surrogate: o-Terphenyl	59.4 %	50-150			"	"	"		

Origins Laboratory, Inc.



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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0603 - EPA 5030 (soil)

Blank (B0B0603-BLK1)

Prepared: 02/06/2020 Analyzed: 02/06/2020

Benzene	ND	0.00200	mg/kg							U
Toluene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.0	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0603 - EPA 5030 (soil)

LCS (B0B0603-BS1)

Prepared: 02/06/2020 Analyzed: 02/06/2020

Benzene	0.105	0.00200	mg/kg	0.100		105	70-130			
Toluene	0.102	0.00200	"	0.100		102	70-130			
Ethylbenzene	0.109	0.00200	"	0.100		109	70-130			
m,p-Xylene	0.214	0.00400	"	0.200		107	70-130			
o-Xylene	0.108	0.00200	"	0.100		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.0	70-130			

Origins Laboratory, Inc.



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

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0603 - EPA 5030 (soil)

Matrix Spike (B0B0603-MS1)		Source: Y002049-01			Prepared: 02/06/2020 Analyzed: 02/06/2020					
Benzene	0.109	0.00200	mg/kg	0.100	0.260	NR	70-130			QM-07
Toluene	0.148	0.00200	"	0.100	1.54	NR	70-130			QM-07
Ethylbenzene	0.109	0.00200	"	0.100	0.288	NR	70-130			QM-07
m,p-Xylene	0.246	0.00400	"	0.200	1.66	NR	70-130			QM-07
o-Xylene	0.122	0.00200	"	0.100	0.523	NR	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.6	70-130			

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0603 - EPA 5030 (soil)

Matrix Spike Dup (B0B0603-MSD1)		Source: Y002049-01			Prepared: 02/06/2020 Analyzed: 02/06/2020					
Benzene	0.0921	0.00200	mg/kg	0.100	0.260	NR	70-130	16.8	20	QM-07
Toluene	0.120	0.00200	"	0.100	1.54	NR	70-130	21.0	20	QM-07, QR-03
Ethylbenzene	0.0900	0.00200	"	0.100	0.288	NR	70-130	19.2	20	QM-07
m,p-Xylene	0.202	0.00400	"	0.200	1.66	NR	70-130	19.5	20	QM-07
o-Xylene	0.101	0.00200	"	0.100	0.523	NR	70-130	19.1	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.0	70-130			

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0604 - EPA 3580

Blank (B0B0604-BLK1)

Prepared: 02/06/2020 Analyzed: 02/06/2020

Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	18		"	25.0		72.5	50-150			

Origins Laboratory, Inc.



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

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0604 - EPA 3580

LCS (B0B0604-BS1)

Prepared: 02/06/2020 Analyzed: 02/06/2020

Diesel (C10-C28)	802	50.0	mg/kg	1000		80.2	70-130			
Surrogate: o-Terphenyl	46		"	50.0		91.5	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0604 - EPA 3580

Matrix Spike (B0B0604-MS1)		Source: Y002049-01			Prepared: 02/06/2020 Analyzed: 02/06/2020					
Diesel (C10-C28)	750	50.0	mg/kg	1000	ND	75.0	70-130			
Surrogate: o-Terphenyl	41		"	50.0		81.8	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B0604 - EPA 3580

Matrix Spike Dup (B0B0604-MSD1)		Source: Y002049-01			Prepared: 02/06/2020 Analyzed: 02/06/2020					
Diesel (C10-C28)	803	50.0	mg/kg	1000	ND	80.3	70-130	6.88	35	
Surrogate: o-Terphenyl	47		"	50.0		94.7	50-150			

Origins Laboratory, Inc.



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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

Notes and Definitions

U Sample is Non-Detect.

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

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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

February 25, 2020

DCP Midstream

Chandler Cole

3026 4th Ave.

Greeley, CO 80631 CO 80631

Project Name - O'Connor 1

Project Number - [none]

Attached are your analytical results for O'Connor 1 received by Origins Laboratory, Inc. February 18, 2020. This project is associated with Origins project number Y002242-01.

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



DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B7@6'	Y002242-01	Soil	February 18, 2020 13:56	02/18/2020 17:30
B8@7'	Y002242-02	Soil	February 18, 2020 15:25	02/18/2020 17:30

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.

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO

80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

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ORIGINS
LABORATORY, INC

page of

Client: DCP Midstream
Address: _____
Project Manager: Chandler Cole
Project Name: O'Connor 1
Project Number: 0000526563-0000546241
Telephone Number: 970-439-0329
Email Address: ccole@dcpmidstream.com
Samples Collected By: Chandler Cole

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #			
B706'	2/18/20	1:56PM	1	1									1
B807'	2/18/20	3:25PM	1	1									2
													3
													4
													5
													6
													7
													8
													9
													10
Relinquished By: <u>Chandler Cole</u>	Date: <u>2/18/20</u>	Time: <u>5:30PM</u>	Received By: <u>[Signature]</u>	Date: <u>2/18/20</u>	Time: <u>1730</u>	Turnaround Time: <input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hr <input checked="" type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard							
Relinquished By:	Date:	Time:	Received By:	Date:	Time:								

Temp Received: 3.1° Date Results Needed

Origins Laboratory, Inc.

Jefe Pellegrini

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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO

80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y002242

Client: DCP Midstream

Client Project ID: O'Connor 1

Checklist Completed by: JG

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

Date/time completed: 2/19/20

Airbill #: _____

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

Cooler Number/Temperature: 1 / 3.1 °C _____ / _____ °C _____ / _____ °C (Describe)

Thermometer ID: 7003

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) ag

Date/Time Reviewed 2/26/20

Origins Laboratory, Inc.

Jefe Pellegrini

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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B7@6'

2/18/2020 1:56:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002242-01 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	ND	0.0500	mg/kg	25	B0B1906	KDK	02/19/2020	02/21/2020	U
Toluene	ND	0.0500	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.0500	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	5.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"
Surrogate: Toluene-d8	96.9 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.1 %	70-130			"	"	"

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B1907	KDK	02/19/2020	02/19/2020	U
Surrogate: o-Terphenyl	78.0 %	50-150			"	"	"		

Origins Laboratory, Inc.



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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

B8@7'

2/18/2020 3:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y002242-02 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	0.0766	0.00200	mg/kg	1	B0B1906	KDK	02/19/2020	02/19/2020	
Toluene	0.252	0.00200	"	"	"	KDK	"	"	
Ethylbenzene	0.0225	0.00200	"	"	"	KDK	"	"	
Xylenes, total	0.172	0.00200	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	2.14	0.200	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	113 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0B1907	KDK	02/19/2020	02/19/2020	U
Surrogate: o-Terphenyl	76.5 %	50-150			"	"	"	"	

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1906 - EPA 5030 (soil)

Blank (B0B1906-BLK1)

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

Benzene	ND	0.00200	mg/kg							U
Toluene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1906 - EPA 5030 (soil)

LCS (B0B1906-BS1)

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

Benzene	0.103	0.00200	mg/kg	0.100		103	70-130			
Toluene	0.112	0.00200	"	0.100		112	70-130			
Ethylbenzene	0.111	0.00200	"	0.100		111	70-130			
m,p-Xylene	0.230	0.00400	"	0.200		115	70-130			
o-Xylene	0.109	0.00200	"	0.100		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

Origins Laboratory, Inc.



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

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1906 - EPA 5030 (soil)

Matrix Spike (B0B1906-MS1)		Source: Y002242-01			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	0.0902	0.00200	mg/kg	0.100	ND	90.2	70-130			
Toluene	0.0970	0.00200	"	0.100	ND	97.0	70-130			
Ethylbenzene	0.0903	0.00200	"	0.100	ND	90.3	70-130			
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.3	70-130			
o-Xylene	0.0910	0.00200	"	0.100	ND	91.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Origins Laboratory, Inc.



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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1906 - EPA 5030 (soil)

Matrix Spike Dup (B0B1906-MSD1)		Source: Y002242-01			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Benzene	0.0915	0.00200	mg/kg	0.100	ND	91.5	70-130	1.39	20	
Toluene	0.0966	0.00200	"	0.100	ND	96.6	70-130	0.475	20	
Ethylbenzene	0.0927	0.00200	"	0.100	ND	92.7	70-130	2.60	20	
m,p-Xylene	0.194	0.00400	"	0.200	ND	97.0	70-130	1.80	20	
o-Xylene	0.0928	0.00200	"	0.100	ND	92.8	70-130	2.00	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1907 - EPA 3580

Blank (B0B1907-BLK1)

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

Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	20		"	25.0		79.7	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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1907 - EPA 3580

LCS (B0B1907-BS1)

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

Diesel (C10-C28)	879	50.0	mg/kg	1000		87.9	70-130			
Surrogate: o-Terphenyl	47		"	50.0		94.9	50-150			

Origins Laboratory, Inc.



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

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1907 - EPA 3580

Matrix Spike (B0B1907-MS1)		Source: Y002242-01			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Diesel (C10-C28)	1170	50.0	mg/kg	1000	ND	117	70-130			
Surrogate: o-Terphenyl	63		"	50.0		125	50-150			

Origins Laboratory, Inc.



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

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 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 B0B1907 - EPA 3580

Matrix Spike Dup (B0B1907-MSD1)		Source: Y002242-01			Prepared: 02/19/2020 Analyzed: 02/19/2020					
Diesel (C10-C28)	841	50.0	mg/kg	1000	ND	84.1	70-130	33.0	35	
Surrogate: o-Terphenyl	49		"	50.0		97.2	50-150			

Origins Laboratory, Inc.



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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Chandler Cole

Project Number: [none]

Project: O'Connor 1

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

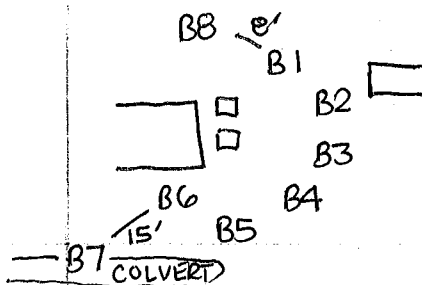
All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President



B1 40.35344°N, 104.58693°W

0-3'	hydrovac	PID
3'	clayey sands, fine grained, med plasticity	2,030 ppm
4'	clayey sands, fine grained, med plasticity	1,895 ppm
5'	clays, fine grained, high plasticity	1,538 ppm
6'	" " "	2,120 ppm
7'	" " "	1,008 ppm TD

B2 40.35346°N, 104.58692°W

0-3'	hydrovac	
3'	clayey sands, fine grained, med. plasticity	21.6 ppm TD

B3 40.35340°N, 104.58694°W

0-3'	hydrovac	
3'	clayey sands, fine grained, med. plasticity	55.3 ppm TD

B4 40.35338°N, 104.58695°W

0-3'	hydrovac	
3'	clayey sands, fine grained, med. plasticity	400 ppm TD

B5 40.35337°N, 104.58699°W

0-3'	hydrovac	
3'	clayey sands, fine grained, med. plasticity	198 ppm TD

B6

0-3'	hydrovac	
3'	clayey sands, fine grained, med. plasticity	2,228 ppm
4'	clay, fine grained, high plasticity	1,595 ppm
5'	" " "	824 ppm TD

B7 40.35343°N, 104.58711°W PID

1'	clayey sands, fine grained, med plasticity	4.85 ppm
2'	" " " "	5.8 ppm
3'	" " " "	5.2 ppm
4'	" " " "	5.8 ppm
5'	" " " "	4.8 ppm
6'	" " " "	3.9 ppm TD

B8 40.35345°N, 104.58702°W

1'	clayey sands, fine grained, med plasticity	640 ppm
2'	" " "	775 ppm
3'	" " "	210 ppm
4'	sands, fine grained, no plasticity	175 ppm
5'	clayey sands, fine grained, med. plasticity	145 ppm
6'	" " "	81 ppm
7'	" " "	58 ppm TD