

November 19, 2019

DCP Midstream

Matt Pickett

3026 4th Ave.

Greeley, CO 80631 CO 80631

Project Name - O'Connor 1 Cond Spill**Project Number - [none]**

Attached are your analytical results for O'Connor 1 Cond Spill received by Origins Laboratory, Inc. November 15, 2019. This project is associated with Origins project number Y911262-01.

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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Soil #1	Y911262-01	Soil	November 15, 2019 11:00	11/15/2019 12:30
Soil #2	Y911262-02	Soil	November 15, 2019 11:10	11/15/2019 12:30
Soil #3	Y911262-03	Soil	November 15, 2019 11:15	11/15/2019 12:30

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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO

80631

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

www.originslaboratory.com

Y91262

ORIGINS
LABORATORY, INC

page of

Client: Dcp Midstream
Address:
Project Manager: Matt Pickett
Project Name: O'Connor 1 Cond Spill
Project Number:
Samples Collected By: Matt Pickett

Telephone Number: 970-539-1823
Email Address: MGPickett@dcpmidstream.com
BSHMB @ dcp mid stream.com
PO# 0000531537 RC-5006

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 Canister #	Other		
Soil #1	11/15	11:00A	1	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					GATEx + VRO 1
Soil #2	11/15	11:10A	1	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					GATEx + VRO 2
Soil #3	11/15	11:15A	1	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					GATEx + VRO 3
Relinquished By: <u>MP</u>	Date: <u>11/15</u>	Time: <u>12:30P</u>		Received By: <u>[Signature]</u>	Date: <u>11/15/19</u>	Time: <u>1230</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					
Relinquished By: <u></u>	Date: <u></u>	Time: <u></u>		Received By: <u></u>	Date: <u></u>	Time: <u></u>							

Temp Received: 5.8 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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y911262

Client: DCP Midstream

Client Project ID: O'Connor 1 Cond Spill

Checklist Completed by: JG

Shipped Via: HD

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

Date/time completed: 11/15/19

Airbill #: NTA

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

(Describe)

Cooler Number/Temperature: 1 5.8 °C °C °C °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input 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) MP

Date/Time Reviewed 11/18/19

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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

Soil #1

11/15/2019 11:00:00AM

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

Origins Laboratory, Inc. Y911262-01 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	ND	0.0500	mg/kg	25	B9K1510	KDK	11/15/2019	11/16/2019	U
Toluene	1.05	0.0500	"	"	"	KDK	"	"	
Ethylbenzene	0.976	0.0500	"	"	"	KDK	"	"	
Xylenes, total	10.4	0.0500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	148	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4

98.3 %

70-130

"

"

"

Surrogate: Toluene-d8

101 %

70-130

"

"

"

Surrogate: 4-Bromofluorobenzene

99.9 %

70-130

"

"

"

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

Diesel (C10-C28)	433	50.0	mg/kg	1	B9K1506	KDK	11/15/2019	11/15/2019
------------------	-----	------	-------	---	---------	-----	------------	------------

Surrogate: o-Terphenyl

97.1 %

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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

Soil #2

11/15/2019 11:10:00AM

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

Origins Laboratory, Inc. Y911262-02 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	4.04	0.0500	mg/kg	25	B9K1510	KDK	11/15/2019	11/16/2019
Toluene	37.2	0.500	"	250	"	KDK	"	11/18/2019
Ethylbenzene	3.20	0.0500	"	25	"	KDK	"	11/16/2019
Xylenes, total	24.7	0.0500	"	"	"	KDK	"	"
Gasoline Range Hydrocarbons	432	5.00	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130	"	"	"
Surrogate: Toluene-d8	107 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	97.9 %	70-130	"	"	"

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

Diesel (C10-C28)	89.2	50.0	mg/kg	1	B9K1506	KDK	11/15/2019	11/15/2019
Surrogate: o-Terphenyl	83.1 %	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

Soil #3

11/15/2019 11:15:00AM

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

Origins Laboratory, Inc. Y911262-03 (Soil)

BTEX/TVPH by EPA 8260D

Benzene	0.499	0.0500	mg/kg	25	B9K1510	KDK	11/15/2019	11/16/2019
Toluene	2.14	0.0500	"	"	"	KDK	"	"
Ethylbenzene	0.282	0.0500	"	"	"	KDK	"	"
Xylenes, total	2.26	0.0500	"	"	"	KDK	"	"
Gasoline Range Hydrocarbons	14.1	5.00	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130	"	"	"	"	"	"
Surrogate: Toluene-d8	99.0 %	70-130	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	97.1 %	70-130	"	"	"	"	"	"

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

Diesel (C10-C28)	39.7	25.0	mg/kg	1	B9K1514	KDK	11/15/2019	11/15/2019
Surrogate: o-Terphenyl	83.9 %	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1506 - EPA 3580

Blank (B9K1506-BLK1)

Prepared: 11/15/2019 Analyzed: 11/15/2019

Diesel (C10-C28)	ND	50.0	mg/kg							U
Surrogate: o-Terphenyl	40		"	50.0		80.3	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1506 - EPA 3580

LCS (B9K1506-BS1)

Prepared: 11/15/2019 Analyzed: 11/15/2019

Diesel (C10-C28)	997	50.0	mg/kg	1000		99.7	70-130			
Surrogate: o-Terphenyl	53		"	50.0		106	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1506 - EPA 3580

Matrix Spike (B9K1506-MS1)		Source: Y911254-01			Prepared: 11/15/2019 Analyzed: 11/15/2019					
Diesel (C10-C28)	1050	50.0	mg/kg	1000	17.8	104	70-130			
Surrogate: o-Terphenyl	56		"	50.0		111	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1506 - EPA 3580

Matrix Spike Dup (B9K1506-MSD1)		Source: Y911254-01			Prepared: 11/15/2019 Analyzed: 11/15/2019					
Diesel (C10-C28)	928	50.0	mg/kg	1000	17.8	91.0	70-130	12.8	35	
Surrogate: o-Terphenyl	47		"	50.0		94.2	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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1510 - EPA 5030 (soil)										
Blank (B9K1510-BLK1)					Prepared: 11/15/2019 Analyzed: 11/15/2019					
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		96.7	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.4	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1510 - EPA 5030 (soil)

LCS (B9K1510-BS1)

Prepared: 11/15/2019 Analyzed: 11/15/2019

Benzene	0.0834	0.00200	mg/kg	0.100		83.4	70-130			
Toluene	0.0834	0.00200	"	0.100		83.4	70-130			
Ethylbenzene	0.0803	0.00200	"	0.100		80.3	70-130			
m,p-Xylene	0.163	0.00400	"	0.200		81.4	70-130			
o-Xylene	0.0818	0.00200	"	0.100		81.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.1	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1510 - EPA 5030 (soil)

Matrix Spike (B9K1510-MS1)		Source: Y911266-01			Prepared: 11/15/2019 Analyzed: 11/15/2019					
Benzene	0.0935	0.00200	mg/kg	0.100	0.0550	38.5	70-130			QM-07
Toluene	0.0939	0.00200	"	0.100	0.215	NR	70-130			QM-07
Ethylbenzene	0.0921	0.00200	"	0.100	0.0360	56.1	70-130			QM-07
m,p-Xylene	0.185	0.00400	"	0.200	0.193	NR	70-130			QM-07
o-Xylene	0.0911	0.00200	"	0.100	0.0610	30.1	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.0	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1510 - EPA 5030 (soil)

Matrix Spike Dup (B9K1510-MSD1)		Source: Y911266-01			Prepared: 11/15/2019 Analyzed: 11/15/2019					
Benzene	0.0936	0.00200	mg/kg	0.100	0.0550	38.6	70-130	0.107	20	QM-07
Toluene	0.0937	0.00200	"	0.100	0.215	NR	70-130	0.213	20	QM-07
Ethylbenzene	0.0944	0.00200	"	0.100	0.0360	58.4	70-130	2.53	20	QM-07
m,p-Xylene	0.191	0.00400	"	0.200	0.193	NR	70-130	3.09	20	QM-07
o-Xylene	0.0955	0.00200	"	0.100	0.0610	34.5	70-130	4.67	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.5	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.3	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1514 - EPA 3580

Blank (B9K1514-BLK1)

Prepared: 11/15/2019 Analyzed: 11/15/2019

Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	22		"	25.0		89.0	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.

Jen Pellegrini For Noelle Doyle Mathis, President

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1514 - EPA 3580

LCS (B9K1514-BS1)

Prepared: 11/15/2019 Analyzed: 11/15/2019

Diesel (C10-C28)	1040	50.0	mg/kg	1000		104	70-130			
Surrogate: o-Terphenyl	59		"	50.0		117	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1514 - EPA 3580

Matrix Spike (B9K1514-MS1)		Source: Y911270-01			Prepared: 11/15/2019 Analyzed: 11/15/2019					
Diesel (C10-C28)	918	50.0	mg/kg	1000	ND	91.8	70-130			
Surrogate: o-Terphenyl	48		"	50.0		95.4	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

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

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 B9K1514 - EPA 3580

Matrix Spike Dup (B9K1514-MSD1)		Source: Y911270-01			Prepared: 11/15/2019 Analyzed: 11/15/2019					
Diesel (C10-C28)	926	50.0	mg/kg	1000	ND	92.6	70-130	0.782	35	
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.

DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO 80631

Matt Pickett

Project Number: [none]

Project: O'Connor 1 Cond Spill

Notes and Definitions

U Sample is Non-Detect.

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

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.