

May 21, 2020

DCP Midstream

Chandler Cole

3026 4th Ave.

Greeley, CO 80631 CO 80631

**Project Name - Mewbourn Plant Remediation**

**Project Number - 0000556617**

Attached are your analytical results for Mewbourn Plant Remediation received by Origins Laboratory, Inc. May 14, 2020. This project is associated with Origins project number Y005217-01.

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: 0000556617  
Project: Mewbourn Plant Remediation

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B12@1'	Y005217-01	Soil	May 13, 2020 10:15	05/14/2020 16:40
B13@1'	Y005217-02	Soil	May 13, 2020 10:30	05/14/2020 16:40
B14@1'	Y005217-03	Soil	May 13, 2020 10:30	05/14/2020 16:40
B15@6'	Y005217-04	Soil	May 13, 2020 10:50	05/14/2020 16:40
B16@6'	Y005217-05	Soil	May 13, 2020 11:00	05/14/2020 16:40
B17@6'	Y005217-06	Soil	May 13, 2020 11:01	05/14/2020 16:40
B18@7'	Y005217-07	Soil	May 13, 2020 11:15	05/14/2020 16:40
B19@16'	Y005217-08	Soil	May 13, 2020 12:45	05/14/2020 16:40
B20@6'	Y005217-09	Soil	May 13, 2020 15:35	05/14/2020 16:40
B1@5'	Y005217-10	Soil	May 13, 2020 8:15	05/14/2020 16:40
B2@1'	Y005217-11	Soil	May 13, 2020 8:34	05/14/2020 16:40
B3@3'	Y005217-12	Soil	May 13, 2020 8:45	05/14/2020 16:40
B4@4'	Y005217-13	Soil	May 13, 2020 9:04	05/14/2020 16:40
B6@1'	Y005217-14	Soil	May 13, 2020 9:35	05/14/2020 16:40

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3026 4th Ave.  
Greeley, CO 80631CO 80631

Chandler Cole  
Project Number: 0000556617  
Project: Mewbourn Plant Remediation

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B7@1'	Y005217-15	Soil	May 13, 2020 9:45	05/14/2020 16:40
B8@1'	Y005217-16	Soil	May 13, 2020 9:50	05/14/2020 16:40
B9@1'	Y005217-17	Soil	May 13, 2020 9:52	05/14/2020 16:40
B10@1'	Y005217-18	Soil	May 13, 2020 9:53	05/14/2020 16:40
B11@1'	Y005217-19	Soil	May 13, 2020 10:10	05/14/2020 16:40

Origins Laboratory, Inc.



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Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

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0005217

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**ORIGINS**  
 LABORATORY, INC

Client: DCP Midstream  
 Address: \_\_\_\_\_  
 Project Manager: Chandler Cole  
 Project Name: Mewbourn Plant Remediation  
 Project Number: 0000556617  
 Telephone Number: 970-939-0329  
 Email Address: Cecole@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 <sub>3</sub>	Other	Groundwater	Soil	At Summa Canister #	Other	DO		ORP	
B12e1'	5/13/20	10:15	1	1	1	1	1	1	1	1	1	1	1	1	
B13e1'	5/13/20	10:30	1	1	1	1	1	1	1	1	1	1	1	1	
B14e1'	5/13/20	10:30	1	1	1	1	1	1	1	1	1	1	1	1	
B15e6'	5/13/20	10:50	1	1	1	1	1	1	1	1	1	1	1	1	
B16e6'	5/13/20	11:00	1	1	1	1	1	1	1	1	1	1	1	1	
B17e6'	5/13/20	11:01	1	1	1	1	1	1	1	1	1	1	1	1	
B18e7'	5/13/20	11:15	1	1	1	1	1	1	1	1	1	1	1	1	
B19e16'	5/13/20	12:45	1	1	1	1	1	1	1	1	1	1	1	1	
B20e6'	5/13/20	3:35	1	1	1	1	1	1	1	1	1	1	1	1	
Relinquished by: <u>Chandler S. Cole</u>	Date: <u>5/14/20</u>	Time: <u>1640</u>	Time: <u>1640</u>	Received By: <u>[Signature]</u>	Date: <u>5/14/20</u>	Time: <u>1640</u>	Time: <u>1640</u>	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>							

Temp received- 4.5 Date Results Needed

Origins Laboratory, Inc.

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DCP Midstream

3026 4th Ave.

Greeley, CO 80631CO

80631

Chandler Cole

Project Number: 0000556617

Project: Mewbourn Plant Remediation

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7005217

page 2 of 2

**ORIGINS**  
LABORATORY, INC

Client: DCP Midstream  
 Project Manager: Chandler Cole  
 Address: Mewbourn Plant Remediation  
 Project Name: Mewbourn Plant Remediation  
 Project Number: 00005566  
 Telephone Number: 970-939-0329  
 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 <sub>3</sub>	Other	Groundwater	Soil	Air Sample	Canister #	Other			
B1e5'	5/13/20	8:15	1	/	/	/	/	/	/	/				1	
B2e1'	5/13/20	8:34	1	/	/	/	/	/	/	/				2	
B3e3'	5/13/20	8:45	1	/	/	/	/	/	/	/				3	
B4e4'	5/13/20	9:04	1	/	/	/	/	/	/	/				4	
B6e1'	5/13/20	9:35	1	/	/	/	/	/	/	/				5	
B7e1'	5/13/20	9:45	1	/	/	/	/	/	/	/				6	
B8e1'	5/13/20	9:50	1	/	/	/	/	/	/	/				7	
B9e1'	5/13/20	9:52	1	/	/	/	/	/	/	/				8	
B10e1'	5/13/20	9:53	1	/	/	/	/	/	/	/				9	
B11e1'	5/13/20	10:10	1	/	/	/	/	/	/	/				10	
Relinquished By: <u>Chandler Cole</u>	Date: <u>5/14/20</u>	Time: <u>1640</u>	Received By: <u>[Signature]</u>	Date: <u>5/14/20</u>	Time: <u>1640</u>	Turnaround Time: <input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> Standard									

Date Results Needed

Temp Received - 4.5

Origins Laboratory, Inc.

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

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

**Sample Receipt Checklist**

Origins Work Order: Y005217 Client: DCP Midstream  
 Client Project ID: Mewbourn Plant

Checklist Completed by: JG Shipped Via: HD  
 Date/time completed: 5/15/20 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Airbill #: 0775

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
 Cooler Number/Temperature: 1, 4.5 °C 1 °C 1 °C 1 °C (Describe)  
 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 <sup>(1)</sup> ?	<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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<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 <sup>(1)</sup> ? (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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>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.

Jm  
 Reviewed by (Project Manager)

5-18-20  
 Date/Time Reviewed

Origins Laboratory, Inc.



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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B12@1'**

**5/13/2020 10:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-01 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1510	KDK	05/15/2020	05/16/2020	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	"	"	"	ZZZ	"	05/21/2020	U

Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130			"	"		05/16/2020	
Surrogate: Toluene-d8	99.9 %	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	B0E1511	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	89.5 %	50-150			"	"		"	

Origins Laboratory, Inc.



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 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B13@1'**

**5/13/2020 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-02 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1510	KDK	05/15/2020	05/16/2020	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	"	"	"	ZZZ	"	05/21/2020	U

Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130			"	"		05/16/2020	
Surrogate: Toluene-d8	101 %	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	B0E1511	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	79.5 %	50-150			"	"		"	

Origins Laboratory, Inc.



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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B14@1'**

**5/13/2020 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-03 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1510	KDK	05/15/2020	05/16/2020	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	"	"	"	ZZZ	"	05/21/2020	U

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"		05/16/2020	
Surrogate: Toluene-d8	101 %	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	B0E1511	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	91.9 %	50-150			"	"		"	

Origins Laboratory, Inc.



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 Greeley, CO 80631CO 80631

Chandler Cole  
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**B15@6'**

**5/13/2020 10:50:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-04 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	0.149	0.0500	mg/kg	25	B0E1510	KDK	05/15/2020	05/16/2020	
Toluene	ND	0.0500	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	KDK	"	"	U
Xylenes, total	0.340	0.0500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	9.60	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	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	B0E1511	KDK	05/15/2020	05/16/2020	U
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Surrogate: o-Terphenyl	97.9 %	50-150			"	"	"	"	
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 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B16@6'**

**5/13/2020 11:00:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-05 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1510	KDK	05/15/2020	05/16/2020	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	100 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	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	B0E1511	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	97.3 %	50-150			"	"	"	"	

Origins Laboratory, Inc.



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 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B17@6'**

**5/13/2020 11:01:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-06 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1510	KDK	05/15/2020	05/16/2020	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	102 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0E1511	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	92.8 %	50-150			"	"	"	"	

Origins Laboratory, Inc.



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 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B18@7'**

**5/13/2020 11:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-07 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	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	98.5 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	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	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	84.1 %	50-150			"	"	"	"	

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Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B19@16'**

**5/13/2020 12:45:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-08 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	0.612	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	
Toluene	ND	0.0500	"	"	"	KDK	"	"	U
Ethylbenzene	0.0810	0.0500	"	"	"	KDK	"	"	
Xylenes, total	1.80	0.0500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	136	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	105 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	99.9 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	70.0	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/18/2020	
Surrogate: o-Terphenyl	101 %	50-150			"	"	"	"	

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B20@6'**

**5/13/2020 3:35:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-09 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	0.196	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	
Toluene	ND	0.0500	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	KDK	"	"	U
Xylenes, total	0.418	0.0500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	25.8	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	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	B0E1517	KDK	05/15/2020	05/16/2020	U
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Surrogate: o-Terphenyl	86.4 %	50-150			"	"	"	"	
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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B1@5'**

**5/13/2020 8:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-10 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	58.9	5.00	mg/kg	2500	B0E1516	KDK	05/15/2020	05/18/2020	
Toluene	37.7	5.00	"	"	"	KDK	"	"	
Ethylbenzene	18.8	5.00	"	"	"	KDK	"	"	
Xylenes, total	280	5.00	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	3770	500	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	103 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	1010	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/18/2020	
Surrogate: o-Terphenyl	135 %	50-150			"	"	"	"	

Origins Laboratory, Inc.



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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B2@1'**  
**5/13/2020 8:34:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-11 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	42.0	0.500	mg/kg	250	B0E1516	KDK	05/15/2020	05/18/2020	
Toluene	179	5.00	"	2500	"	KDK	"	05/18/2020	
Ethylbenzene	11.7	0.500	"	250	"	KDK	"	05/18/2020	
Xylenes, total	140	0.500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	2580	500	"	2500	"	KDK	"	05/18/2020	

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"		05/18/2020	
Surrogate: Toluene-d8	122 %	70-130			"	"		"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"		"	

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

Diesel (C10-C28)	518	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/18/2020	
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Surrogate: o-Terphenyl	120 %	50-150			"	"		"	
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Origins Laboratory, Inc.



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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B3@3'**  
**5/13/2020 8:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-12 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	11.5	0.500	mg/kg	250	B0E1516	KDK	05/15/2020	05/18/2020	
Toluene	66.9	0.500	"	"	"	KDK	"	"	
Ethylbenzene	5.67	0.500	"	"	"	KDK	"	"	
Xylenes, total	77.3	0.500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	1460	50.0	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	107 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	303	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/18/2020	
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Surrogate: o-Terphenyl	114 %	50-150			"	"	"	"	
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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B4@4'**

**5/13/2020 9:04:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-13 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	50.9	5.00	mg/kg	2500	B0E1516	KDK	05/15/2020	05/19/2020	
Toluene	178	5.00	"	"	"	KDK	"	"	
Ethylbenzene	17.4	5.00	"	"	"	KDK	"	"	
Xylenes, total	225	5.00	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	3800	500	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	103 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	791	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/18/2020	
Surrogate: o-Terphenyl	142 %	50-150			"	"	"	"	

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B6@1'**  
**5/13/2020 9:35:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-14 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	0.0530	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/19/2020	
Toluene	0.0760	0.0500	"	"	"	KDK	"	"	
Ethylbenzene	ND	0.0500	"	"	"	KDK	"	"	U
Xylenes, total	0.178	0.0500	"	"	"	KDK	"	"	
Gasoline Range Hydrocarbons	6.34	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	100 %	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	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	91.2 %	50-150			"	"	"	"	

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 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B7@1'**  
**5/13/2020 9:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-15 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	U
Toluene	ND	0.0500	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.0500	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	<b>17.9</b>	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	105 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	81.1 %	50-150			"	"	"	"	

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B8@1'**  
**5/13/2020 9:50:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-16 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	U
Toluene	ND	0.0500	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.0500	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.0500	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	<b>10.5</b>	5.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	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	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	87.2 %	50-150			"	"	"	"	

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 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B9@1'**  
**5/13/2020 9:52:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-17 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	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	101 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	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	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	79.8 %	50-150			"	"	"	"	

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**B10@1'**

**5/13/2020 9:53:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y005217-18 (Soil)**

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	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	103 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	102 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"	"	

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	80.8 %	50-150			"	"	"	"	

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

B11@1'

5/13/2020 10:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y005217-19 (Soil)

**BTEX/TVPH by EPA 8260D**

Benzene	ND	0.0500	mg/kg	25	B0E1516	KDK	05/15/2020	05/15/2020	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	99.1 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	102 %	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	B0E1517	KDK	05/15/2020	05/16/2020	U
Surrogate: o-Terphenyl	86.9 %	50-150			"	"	"	"	

Origins Laboratory, Inc.



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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**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 B0E1510 - EPA 5030 (soil)**

**Blank (B0E1510-BLK1)**

Prepared: 05/15/2020 Analyzed: 05/16/2020

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
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.12</i>		<i>"</i>	<i>0.125</i>		<i>97.2</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.12</i>		<i>"</i>	<i>0.125</i>		<i>98.1</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.13</i>		<i>"</i>	<i>0.125</i>		<i>105</i>	<i>70-130</i>			

Origins Laboratory, Inc.



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DCP Midstream  
3026 4th Ave.  
Greeley, CO 80631CO 80631

Chandler Cole  
Project Number: 0000556617  
Project: Mewbourn Plant Remediation

**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 B0E1510 - EPA 5030 (soil)

**LCS (B0E1510-BS1)**

Prepared: 05/15/2020 Analyzed: 05/16/2020

Benzene	0.0854	0.00200	mg/kg	0.100		85.4	70-130			
Toluene	0.0864	0.00200	"	0.100		86.4	70-130			
Ethylbenzene	0.0988	0.00200	"	0.100		98.8	70-130			
m,p-Xylene	0.198	0.00400	"	0.200		99.2	70-130			
o-Xylene	0.0944	0.00200	"	0.100		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		89.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**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 B0E1510 - EPA 5030 (soil)

Matrix Spike (B0E1510-MS1)	Source: Y005199-01			Prepared: 05/15/2020 Analyzed: 05/16/2020						
Benzene	0.0861	0.00200	mg/kg	0.100	ND	86.1	70-130			
Toluene	0.0856	0.00200	"	0.100	ND	85.6	70-130			
Ethylbenzene	0.100	0.00200	"	0.100	ND	100	70-130			
m,p-Xylene	0.201	0.00400	"	0.200	0.0600	70.6	70-130			
o-Xylene	0.0960	0.00200	"	0.100	0.0145	81.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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DCP Midstream  
 3026 4th Ave.  
 Greeley, CO 80631CO 80631

Chandler Cole  
 Project Number: 0000556617  
 Project: Mewbourn Plant Remediation

**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 B0E1510 - EPA 5030 (soil)

Matrix Spike Dup (B0E1510-MSD1)	Source: Y005199-01			Prepared: 05/15/2020 Analyzed: 05/16/2020						
Benzene	0.0851	0.00200	mg/kg	0.100	ND	85.1	70-130	1.12	20	
Toluene	0.0901	0.00200	"	0.100	ND	90.1	70-130	5.08	20	
Ethylbenzene	0.103	0.00200	"	0.100	ND	103	70-130	2.52	20	
m,p-Xylene	0.205	0.00400	"	0.200	0.0600	72.3	70-130	1.64	20	
o-Xylene	0.0993	0.00200	"	0.100	0.0145	84.8	70-130	3.38	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		88.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.9	70-130			

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DCP Midstream  
3026 4th Ave.  
Greeley, CO 80631CO 80631

Chandler Cole  
Project Number: 0000556617  
Project: Mewbourn Plant Remediation

**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
<b>Batch B0E1511 - EPA 3550B</b>										
<b>Blank (B0E1511-BLK1)</b>										
					Prepared: 05/15/2020 Analyzed: 05/15/2020					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	21		"	25.0		85.9	50-150			

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**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 B0E1511 - EPA 3550B**

**LCS (B0E1511-BS1)**

Prepared: 05/15/2020 Analyzed: 05/15/2020

Diesel (C10-C28)	1140	50.0	mg/kg	1000		114	70-130			
Surrogate: o-Terphenyl	60		"	50.0		120	50-150			

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**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 B0E1511 - EPA 3550B

Matrix Spike (B0E1511-MS1)	Source: Y005199-01			Prepared: 05/15/2020 Analyzed: 05/15/2020						
Diesel (C10-C28)	1110	50.0	mg/kg	1000	ND	111	70-130			
Surrogate: o-Terphenyl	55		"	50.0		109	50-150			

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**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 B0E1511 - EPA 3550B

Matrix Spike Dup (B0E1511-MSD1)	Source: Y005199-01			Prepared: 05/15/2020 Analyzed: 05/15/2020						
Diesel (C10-C28)	1300	50.0	mg/kg	1000	ND	130	70-130	15.4	35	
Surrogate: o-Terphenyl	64		"	50.0		129	50-150			

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**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
<b>Batch B0E1516 - EPA 5030 (soil)</b>										
<b>Blank (B0E1516-BLK1)</b>										
					Prepared: 05/15/2020 Analyzed: 05/15/2020					
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		99.8	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

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**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 B0E1516 - EPA 5030 (soil)

**LCS (B0E1516-BS1)**

Prepared: 05/15/2020 Analyzed: 05/15/2020

Benzene	0.0975	0.00200	mg/kg	0.100		97.5	70-130			
Toluene	0.0988	0.00200	"	0.100		98.8	70-130			
Ethylbenzene	0.0983	0.00200	"	0.100		98.3	70-130			
m,p-Xylene	0.186	0.00400	"	0.200		93.0	70-130			
o-Xylene	0.0890	0.00200	"	0.100		89.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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**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 B0E1516 - EPA 5030 (soil)

Matrix Spike (B0E1516-MS1)	Source: Y005217-07			Prepared: 05/15/2020 Analyzed: 05/15/2020						
Benzene	0.0970	0.00200	mg/kg	0.100	0.0245	72.5	70-130			
Toluene	0.0970	0.00200	"	0.100	ND	97.0	70-130			
Ethylbenzene	0.0965	0.00200	"	0.100	ND	96.5	70-130			
m,p-Xylene	0.185	0.00400	"	0.200	0.0395	72.5	70-130			
o-Xylene	0.0893	0.00200	"	0.100	ND	89.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

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**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B0E1516 - EPA 5030 (soil)

Matrix Spike Dup (B0E1516-MSD1)	Source: Y005217-07			Prepared: 05/15/2020 Analyzed: 05/15/2020						
Benzene	0.0980	0.00200	mg/kg	0.100	0.0245	73.5	70-130	1.03	20	
Toluene	0.0986	0.00200	"	0.100	ND	98.6	70-130	1.62	20	
Ethylbenzene	0.0973	0.00200	"	0.100	ND	97.3	70-130	0.805	20	
m,p-Xylene	0.186	0.00400	"	0.200	0.0395	73.3	70-130	0.810	20	
o-Xylene	0.0902	0.00200	"	0.100	ND	90.2	70-130	0.914	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

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**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B0E1517 - EPA 3550B</b>										
<b>Blank (B0E1517-BLK1)</b>										
					Prepared: 05/15/2020 Analyzed: 05/16/2020					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Surrogate: o-Terphenyl	26		"	25.0		103	50-150			

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**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 B0E1517 - EPA 3550B**

**LCS (B0E1517-BS1)**

Prepared: 05/15/2020 Analyzed: 05/16/2020

Diesel (C10-C28)	1270	50.0	mg/kg	1000		127	70-130			
Surrogate: o-Terphenyl	67		"	50.0		134	50-150			

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**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 B0E1517 - EPA 3550B

Matrix Spike (B0E1517-MS1)	Source: Y005217-07			Prepared: 05/15/2020 Analyzed: 05/16/2020						
Diesel (C10-C28)	1040	50.0	mg/kg	1000	ND	104	70-130			
Surrogate: o-Terphenyl	54		"	50.0		107	50-150			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B0E1517 - EPA 3550B</b>										
<b>Matrix Spike Dup (B0E1517-MSD1)</b>		<b>Source: Y005217-07</b>			Prepared: 05/15/2020 Analyzed: 05/16/2020					
Diesel (C10-C28)	1230	50.0	mg/kg	1000	ND	123	70-130	16.2	35	
Surrogate: o-Terphenyl	60		"	50.0		119	50-150			

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**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.

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