



July 12, 2017

Eagle Environmental Consulting, Inc.

Martin C Eckert III

4101 Inca Street

Denver

CO 80211

Project Name - Eldridge 4-23

Project Number - [none]

Attached are your analytical results for Eldridge 4-23 received by Origins Laboratory, Inc. June 30, 2017. This project is associated with Origins project number Y707019-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



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

Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Eldridge 4-23

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01@2.5-5'	Y707019-01	Soil	June 30, 2017 10:25	06/30/2017 15:50
MW-02@2.5-5'	Y707019-02	Soil	June 30, 2017 10:45	06/30/2017 15:50
MW-03@2.5-5'	Y707019-03	Soil	June 30, 2017 11:15	06/30/2017 15:50
MW-04@2.5-5'	Y707019-04	Soil	June 30, 2017 11:45	06/30/2017 15:50
MW-05@2.5-5'	Y707019-05	Soil	June 30, 2017 12:35	06/30/2017 15:50
MW-06@2.5-5'	Y707019-06	Soil	June 30, 2017 9:57	06/30/2017 15:50
MW-07@2.5-5'	Y707019-07	Soil	June 30, 2017 8:26	06/30/2017 15:50
MW-08@2.5-5'	Y707019-08	Soil	June 30, 2017 13:00	06/30/2017 15:50
SS-13@2.5'	Y707019-09	Soil	June 30, 2017 13:55	06/30/2017 15:50

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

767019

page 1 of 1

Client: Eagle Environmental Consulting
Address: 4101 Inca St
Denver CO 80211
Telephone Number: (303) 433-0479
Email Address: mce3@eagle-env.com

Project Manager: Martin Eckert III
Project Name: Eldridge 4-23
Project Number: JS
Samples Collected By: JS

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa	Other	TPH	TPH	TPH	
MW-01@2.5-5'	6/30/17	1025	2	X				X							1
MW-02@2.5-5'		1045	1												2
MW-03@2.5-5'		1115	1												3
MW-04@2.5-5'		1145	1												4
MW-05@2.5-5'		1235	1												5
MW-06@2.5-5'		0957	1												6
MW-07@2.5-5'		0826	1												7
MW-08@2.5-5'		1300	1												8
MW-09@2.5-5'		1355	1												9
															10

Relinquished By: [Signature] Date: 6/30/17 Time: 1550
Relinquished By: [Signature] Date: [] Time: []

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

Temp Received: 4.3 Date Results Needed: SRC

Origins Laboratory, Inc.

Jefe Pellegrini

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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4707019

Client: Eagle Env

Client Project ID: Eldridge 4-23

Checklist Completed by: Dan

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

Date/time completed: 7-3-12 10:45

Airbill #: 217

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

Cooler Number/Temperature: 1 4.3 °C 1 °C 1 °C 1 °C

Thermometer ID: TC3

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>pit</u>
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 checked="" type="checkbox"/>	<input 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) [Signature]

Date/Time Reviewed 7-3-12 10:45

Origins Laboratory, Inc.

Jefe Pellegrini

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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-01@2.5-5'

6/30/2017 10:25:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-01 (Soil)

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

Diesel (C10-C28)	93.7	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017
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Surrogate: o-Terphenyl	75.9 %	59-131			"	"	"
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	11200	500	mg/kg	2500	B7G0604	07/06/2017	07/07/2017
Benzene	156	4.98	"	"	"	"	"
Toluene	117	4.98	"	"	"	"	"
Ethylbenzene	25.6	4.98	"	"	"	"	"
Xylenes, total	186	4.98	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130			"	"	"
Surrogate: Toluene-d8	95.2 %	70-130			"	"	07/06/2017
Surrogate: 4-Bromofluorobenzene	110 %	70-130			"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-02@2.5-5'

6/30/2017 10:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-02 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017	U
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Surrogate: o-Terphenyl	83.1 %	59-131			"	"	"	
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	0.399	0.200	mg/kg	1	B7G0604	07/06/2017	07/06/2017	
Benzene	0.002	0.002	"	"	"	"	"	
Toluene	0.002	0.002	"	"	"	"	"	
Ethylbenzene	0.003	0.002	"	"	"	"	"	
Xylenes, total	0.006	0.002	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130			"	"	"	
Surrogate: Toluene-d8	93.1 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	91.5 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-03@2.5-5'

6/30/2017 11:15:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-03 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017	U
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Surrogate: o-Terphenyl	82.4 %	59-131			"	"	"	
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B7G0604	07/06/2017	07/06/2017	U
Benzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
Surrogate: Toluene-d8	92.7 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	91.8 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-04@2.5-5'

6/30/2017 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-04 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017	U
Surrogate: o-Terphenyl	84.0 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	0.248	0.200	mg/kg	1	B7G0604	07/06/2017	07/06/2017	
Benzene	0.003	0.002	"	"	"	"	"	
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	
Surrogate: Toluene-d8	93.7 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	95.3 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-05@2.5-5'

6/30/2017 12:35:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-05 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017	U
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Surrogate: o-Terphenyl	79.6 %	59-131			"	"	"	
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B7G0604	07/06/2017	07/06/2017	U
Benzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	
Surrogate: Toluene-d8	92.7 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	92.9 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-06@2.5-5'
6/30/2017 9:57:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-06 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017	U
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Surrogate: o-Terphenyl	73.8 %	59-131			"	"	"	
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	292	5.00	mg/kg	25	B7G0604	07/06/2017	07/06/2017	
Benzene	4.74	0.050	"	"	"	"	"	
Toluene	1.63	0.050	"	"	"	"	"	
Ethylbenzene	1.88	0.050	"	"	"	"	"	
Xylenes, total	11.3	0.050	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130			"	"	"	
Surrogate: Toluene-d8	95.1 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	98.5 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-07@2.5-5'
6/30/2017 8:26:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-07 (Soil)

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

Diesel (C10-C28)	107	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017
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Surrogate: o-Terphenyl	66.8 %	59-131			"	"	"
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	3400	50.0	mg/kg	250	B7G0604	07/06/2017	07/06/2017
Benzene	34.7	0.498	"	"	"	"	07/06/2017
Toluene	57.5	0.498	"	"	"	"	"
Ethylbenzene	20.4	0.498	"	"	"	"	"
Xylenes, total	102	0.498	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130			"	"	"
Surrogate: Toluene-d8	94.3 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	95.6 %	70-130			"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

MW-08@2.5-5'
6/30/2017 1:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y707019-08 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B7G0605	07/06/2017	07/06/2017	U
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Surrogate: o-Terphenyl	75.1 %	59-131			"	"	"	
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GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	0.393	0.200	mg/kg	1	B7G0604	07/06/2017	07/06/2017	
Benzene	0.034	0.002	"	"	"	"	"	
Toluene	0.004	0.002	"	"	"	"	"	
Ethylbenzene	0.003	0.002	"	"	"	"	"	
Xylenes, total	0.016	0.002	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	
Surrogate: Toluene-d8	92.5 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	93.8 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

SS-13@2.5'
6/30/2017 1:55:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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AAL, Inc.
Y707019-09 (Soil)

Metals (Saturated Paste Prep)

Calcium	20.22		me/L	1	'[none]'	07/05/2017	07/06/2017	
Magnesium	46.49		"	"	"	"	"	
Sodium	11.77		"	"	"	"	"	

pH in Soil by EPA 9045D

pH	7.45		pH Units	1	B7G0606	07/06/2017	07/06/2017	
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SAR by 20B Saturated Paste

SAR	2.04			1	'[none]'	07/05/2017	07/06/2017	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	0.640		mmhos/cm	1	B7G0607	07/06/2017	07/06/2017	
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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7G0604 - EPA 5030 (soil)										
Blank (B7G0604-BLK1)					Prepared: 07/06/2017 Analyzed: 07/06/2017					
Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Surrogate: 1,2-Dichloroethane-d4	65		ug/kg	62.5		105	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	67		"	62.5		107	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7G0604 - EPA 5030 (soil)										
LCS (B7G0604-BS1)					Prepared: 07/06/2017 Analyzed: 07/06/2017					
Benzene	0.097	0.002	mg/kg	0.100		96.8	77.1-124			
Toluene	0.098	0.002	"	0.100		98.1	74.5-128			
Ethylbenzene	0.097	0.002	"	0.100		96.9	66.4-127			
m,p-Xylene	0.193	0.004	"	0.200		96.4	76.6-124			
o-Xylene	0.098	0.002	"	0.100		97.8	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	64		ug/kg	62.5		102	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.4	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B7G0604 - EPA 5030 (soil)

Matrix Spike (B7G0604-MS1)		Source: Y706399-01			Prepared: 07/06/2017 Analyzed: 07/06/2017					
Benzene	0.093	0.002	mg/kg	0.100	ND	93.4	71.8-126			
Toluene	0.092	0.002	"	0.100	0.001	90.7	65.1-130			
Ethylbenzene	0.093	0.002	"	0.100	ND	93.4	62.2-130			
m,p-Xylene	0.187	0.004	"	0.200	ND	93.4	46.5-137			
o-Xylene	0.100	0.002	"	0.100	ND	99.9	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	63		ug/kg	62.5		100	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	67		"	62.5		107	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7G0604 - EPA 5030 (soil)										
Matrix Spike Dup (B7G0604-MSD1)		Source: Y706399-01			Prepared: 07/06/2017 Analyzed: 07/06/2017					
Benzene	0.106	0.002	mg/kg	0.100	ND	106	71.8-126	12.9	11.3	QR-02
Toluene	0.106	0.002	"	0.100	0.001	104	65.1-130	13.8	15.4	
Ethylbenzene	0.102	0.002	"	0.100	ND	102	62.2-130	8.57	19.6	
m,p-Xylene	0.201	0.004	"	0.200	ND	100	46.5-137	7.20	19.2	
o-Xylene	0.104	0.002	"	0.100	ND	104	54.2-134	3.98	17.9	
Surrogate: 1,2-Dichloroethane-d4	63		ug/kg	62.5		101	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.4	70-130			

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Martin C Eckert III
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Project: Eldridge 4-23

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

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015C - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B7G0605 - EPA 3550B

Blank (B7G0605-BLK1)

Prepared: 07/06/2017 Analyzed: 07/06/2017

Diesel (C10-C28)	ND	50.0	mg/kg							U
Surrogate: o-Terphenyl	48		"	50.0		95.8	59-131			

LCS (B7G0605-BS1)

Prepared: 07/06/2017 Analyzed: 07/06/2017

Diesel (C10-C28)	994	50.0	mg/kg	1000		99.4	64-121			
Surrogate: o-Terphenyl	46		"	50.0		92.3	59-131			

Matrix Spike (B7G0605-MS1)

Source: Y706399-01

Prepared: 07/06/2017 Analyzed: 07/06/2017

Diesel (C10-C28)	990	50.0	mg/kg	1000	ND	99.0	53-125			
Surrogate: o-Terphenyl	47		"	50.0		94.1	59-131			

Matrix Spike Dup (B7G0605-MSD1)

Source: Y706399-01

Prepared: 07/06/2017 Analyzed: 07/06/2017

Diesel (C10-C28)	989	50.0	mg/kg	1000	ND	98.9	53-125	0.0327	20	
Surrogate: o-Terphenyl	49		"	50.0		97.0	59-131			

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Martin C Eckert III
Project Number: [none]
Project: Eldridge 4-23

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7G0606 - NO PREP										
Duplicate (B7G0606-DUP1)		Source: Y707019-09			Prepared: 07/06/2017 Analyzed: 07/06/2017					
pH	7.42		pH Units		7.45			0.403	25	
Batch B7G0607 - NO PREP										
Blank (B7G0607-BLK1)		Prepared: 07/06/2017 Analyzed: 07/06/2017								
Specific Conductance (EC)	0.00220		mmhos/cm							
Duplicate (B7G0607-DUP1)		Source: Y707019-09			Prepared: 07/06/2017 Analyzed: 07/06/2017					
Specific Conductance (EC)	0.655		mmhos/cm		0.640			2.24	25	

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Eagle Environmental Consulting, Inc.

4101 Inca Street

Denver CO 80211

Martin C Eckert III

Project Number: [none]

Project: Eldridge 4-23

Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

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