



October 13, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Eaton Field #1 Tank Battery**

**Project Number - -**

Attached are your analytical results for Eaton Field #1 Tank Battery received by Origins Laboratory, Inc. September 27, 2022. This project is associated with Origins project number Y209673-01.

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.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-B01@3"	Y209673-01	Soil	September 27, 2022 8:00	09/27/2022 17:25
PW-B01@5'	Y209673-02	Soil	September 27, 2022 8:03	09/27/2022 17:25
PW-W01@2.5'	Y209673-03	Soil	September 27, 2022 8:06	09/27/2022 17:25
AST-B01@3"	Y209673-04	Soil	September 27, 2022 8:09	09/27/2022 17:25
AST-B03@3"	Y209673-05	Soil	September 27, 2022 8:12	09/27/2022 17:25
AST-B05@3"	Y209673-06	Soil	September 27, 2022 8:15	09/27/2022 17:25
AST-B07@3"	Y209673-07	Soil	September 27, 2022 8:18	09/27/2022 17:25
PW-B02@5'	Y209673-08	Soil	September 27, 2022 8:21	09/27/2022 17:25
PW-E02@2.5'	Y209673-09	Soil	September 27, 2022 8:24	09/27/2022 17:25
PW-BG01@3'	Y209673-10	Soil	September 27, 2022 8:27	09/27/2022 17:25
PW-BG01@6'	Y209673-11	Soil	September 27, 2022 8:30	09/27/2022 17:25

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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8000 W 44th Ave  
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Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

# ORIGINS

LABORATORY, INC

www.originslaboratory.com

Y209673

page 1 of 2

Client: Eagle Environmental (Schneider Energy Services)

Address: 8000 W 44th Ave

Wheatridge, CO 80033

Telephone Number: 303-433-0479

Email Address: dan@eagle-enviro.com

Project Manager: D Coloccia

Project Name: Eaton Field #1 Tank Battery

Project Number:

Samples Collected By: Schaefer, Van Buren

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix		Analysis							Sample Instructions
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa #	Other	TPH	PAH's	EC/pH	SAR	Bore	
SEP-B0103"	9-27-22	0800	2	X					X			X	X	X	X	X	1
PW-B0105'		0805															2
PW-W0102.5'		0806															3
AST-B0103"		0809															4
AST-B0303"		0812															5
AST-B0503"		0815															6
AST-B0703"		0818															7
PW-B0205'		0821															8
PW-E0202.5'		0824															9
PW-B00103'		0827	✓	✓					✓				X	X	X	X	10
Relinquished By:	Date:	Time:	Time:	Received By:	Received By:	Date:	Date:	Turnaround Time:									
Brilliant	9-27-22	17:15	17:15	EHS		9/27/22	17:15	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard									
Relinquished By:	Date:	Time:	Time:	Received By:	Received By:	Date:	Date:										

Date Results Needed

Temp Received- S S

Origins Laboratory, Inc.

*Jefe Pellegrini*

Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 4209673

Client: Eagle

Client Project ID: Eaton Field #1TB

Checklist Completed by: EHJ

Date/time completed: 9/28/22

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

Airbill #: NA

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

Cooler Number/Temperature: 1 15.5 °C 1 °C 1 °C (Describe) °C

Thermometer ID: T004

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 HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +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.

Reviewed by: JB (Project Manager)

Date/Time Reviewed: 9-29-22

Origins Laboratory, Inc.

*Jefe Pellegrini*

Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

SEP-B01@3"

9/27/2022 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-01 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.192	0.0990	mg/L	1	B2I2910	09/29/2022	09/30/2022	
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## DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.2 %	50-150	"	"	"	"	"
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## GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	85.1 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

SEP-B01@3"

9/27/2022 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209673-01 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	98.9 %		70-130			B2J04 28	10/04/2022	10/06/2022	
Surrogate: 4-Bromofluorobenzene	94.4 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	3.52		0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022	
Magnesium	1.57		0.823	"	"	"	"	"	
Sodium	1.79		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	0.000526	0.000394	0.00067	"	"	"	"	"	J

Origins Laboratory, Inc.



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Project Number: -  
Project: Eaton Field #1 Tank Battery

SEP-B01@3"

9/27/2022 8:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.  
Y209673-01 (Soil)

## PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	63.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	73.8 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	68 %	29-110	"	"	"

## pH in Soil by 9045D

pH	8.19	pH Units	1	B213008	09/30/2022	10/04/2022
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## SAR by 20B Saturated Paste

SAR	1.12	SAR	1	B213005	09/30/2022	10/04/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.672	0.00500	mmhos/cm	1	B213008	09/30/2022	10/04/2022
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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-B01@5'

9/27/2022 8:03:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-02 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.319	0.101	mg/L	1	B2I2910	09/29/2022	09/30/2022
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## DRO/ORO by EPA 8015D

Diesel (C10-C28)	89.1	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022
Residual Range Organics (C28-C40)	176	100	"	"	"	"	"

Surrogate: o-Terphenyl	87.6 %	50-150	"	"	"
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## GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	87.4 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"

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Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-B01@5'

9/27/2022 8:03:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-02 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	90.0 %	70-130	B2J04 28	10/04/2022	10/06/2022
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## Metals by Saturated Paste by EPA 6010

Calcium	10.2	0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022
Magnesium	3.85	0.823	"	"	"	"	"
Sodium	0.523	0.435	"	"	"	"	"

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00182	0.00335	mg/Kg	5	L641065	10/04/2022	10/04/2022
2-Methylnaphthalene	ND	0.00323	0.00335	"	"	"	"	"
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"
Anthracene	ND	0.00167	0.00335	"	"	"	"	"
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"
Chrysene	0.00335	0.00312	0.00335	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"
Fluorene	ND	0.00143	0.00335	"	"	"	"	"

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Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-B01@5'

9/27/2022 8:03:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.  
Y209673-02 (Soil)

## PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	mg/Kg	5	L641065	10/04/2022	10/04/2022
Naphthalene	ND	0.00242	0.00335	"	"	"	"	"
Pyrene	ND	0.00322	0.00335	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	74.5 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	75.5 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	70.9 %	29-110	"	"	"

## pH in Soil by 9045D

pH	7.83	pH Units	1	B2I3008	09/30/2022	10/04/2022
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## SAR by 20B Saturated Paste

SAR	0.197	SAR	1	B2I3005	09/30/2022	10/04/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.23	0.00500	mmhos/cm	1	B2I3008	09/30/2022	10/04/2022
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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-W01@2.5'  
9/27/2022 8:06:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-03 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.125	0.100	mg/L	1	B2I2910	09/29/2022	09/30/2022	
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## DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	86.4 %	50-150	"	"	"	"	"
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## GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	86.0 %	70-130	"	"	"	"	"
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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-W01@2.5'

9/27/2022 8:06:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-03 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	103 %	70-130	B2J04 28	10/04/2022	10/06/2022
Surrogate: 4-Bromofluorobenzene	88.6 %	70-130	"	"	"

## Metals by Saturated Paste by EPA 6010

Calcium	3.23	0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-W01@2.5'

9/27/2022 8:06:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.  
Y209673-03 (Soil)

## PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	68.2 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	76 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	73.9 %	29-110	"	"	"

## pH in Soil by 9045D

pH	8.03	pH Units	1	B213008	09/30/2022	10/04/2022
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## SAR by 20B Saturated Paste

SAR	0.122	SAR	1	B213005	09/30/2022	10/04/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.392	0.00500	mmhos/cm	1	B213008	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

AST-B01@3"

9/27/2022 8:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-04 (Soil)

## Boron (DTPA Sorbitol)

Boron	ND	0.0987	mg/L	1	B2I2910	09/29/2022	09/30/2022	U
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## DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.0 %	50-150	"	"	"	"	"
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## GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	85.5 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

AST-B01@3"

9/27/2022 8:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-04 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	104 %		70-130			B2J04 28	10/04/2022	10/06/2022	
Surrogate: 4-Bromofluorobenzene	90.2 %		70-130			"	"	"	

## Metals by Saturated Paste by EPA 6010

Calcium	2.43		0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022	
Magnesium	1.94		0.823	"	"	"	"	"	
Sodium	3.50		0.435	"	"	"	"	"	

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00182	0.00335	mg/Kg	5	L641065	10/04/2022	10/04/2022	
2-Methylnaphthalene	ND	0.00323	0.00335	"	"	"	"	"	
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"	
Anthracene	ND	0.00167	0.00335	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"	
Chrysene	ND	0.00312	0.00335	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"	
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"	

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## AST-B01@3"

9/27/2022 8:09:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC. Y209673-04 (Soil)

### PAH by 8270D SIM

Fluorene	ND	0.00143	0.00335	mg/Kg	5	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	"	"	"	"	"
Naphthalene	ND	0.00242	0.00335	"	"	"	"	"
Pyrene	ND	0.00322	0.00335	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	75.1 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	85.8 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	70.2 %	29-110	"	"	"

### pH in Soil by 9045D

pH	8.01	pH Units	1	B213009	09/30/2022	10/04/2022
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### SAR by 20B Saturated Paste

SAR	2.37	SAR	1	B213006	09/30/2022	10/04/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.779	0.00500	mmhos/cm	1	B213009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

AST-B03@3"

9/27/2022 8:12:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-05 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.233	0.0991	mg/L	1	B2I3003	09/30/2022	10/03/2022	
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## DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.3 %	50-150	"	"	"
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## GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	85.7 %	70-130	"	"	"
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

AST-BO3@3"

9/27/2022 8:12:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-05 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	103 %		70-130			B2J04 28	10/04/2022	10/06/2022	
Surrogate: 4-Bromofluorobenzene	89.8 %		70-130			"	"	"	

## Metals by Saturated Paste by EPA 6010

Calcium	3.27		0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022	
Magnesium	1.53		0.823	"	"	"	"	"	
Sodium	1.12		0.435	"	"	"	"	"	

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00182	0.00335	mg/Kg	5	L641065	10/04/2022	10/04/2022	
2-Methylnaphthalene	ND	0.00323	0.00335	"	"	"	"	"	
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"	
Anthracene	ND	0.00167	0.00335	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"	
Chrysene	ND	0.00312	0.00335	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"	
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"	

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## AST-B03@3"

9/27/2022 8:12:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC. Y209673-05 (Soil)

### PAH by 8270D SIM

Fluorene	ND	0.00143	0.00335	mg/Kg	5	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	"	"	"	"	"
Naphthalene	ND	0.00242	0.00335	"	"	"	"	"
Pyrene	ND	0.00322	0.00335	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	66.5 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	79.8 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	62.8 %	29-110	"	"	"

### pH in Soil by 9045D

pH	8.06	pH Units	1	B213009	09/30/2022	10/04/2022
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### SAR by 20B Saturated Paste

SAR	0.724	SAR	1	B213006	09/30/2022	10/04/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.536	0.00500	mmhos/cm	1	B213009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## AST-B05@3"

9/27/2022 8:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209673-06 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.648	0.100	mg/L	1	B2I3003	09/30/2022	10/03/2022	
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### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	92.6 %	50-150	"	"	"
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### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	84.6 %	70-130	"	"	"
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

AST-B05@3"

9/27/2022 8:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-06 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	104 %		70-130			B2J04 28	10/04/2022	10/06/2022	
Surrogate: 4-Bromofluorobenzene	89.6 %		70-130			"	"	"	

## Metals by Saturated Paste by EPA 6010

Calcium	2.44		0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022	
Magnesium	1.13		0.823	"	"	"	"	"	
Sodium	3.57		0.435	"	"	"	"	"	

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	0.000442	0.000394	0.00067	"	"	"	"	"	J

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## AST-B05@3"

9/27/2022 8:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC. Y209673-06 (Soil)

### PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	57.4 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	64.4 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	62.3 %	29-110	"	"	"

### pH in Soil by 9045D

pH	8.33	pH Units	1	B213009	09/30/2022	10/04/2022
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### SAR by 20B Saturated Paste

SAR	2.67	SAR	1	B213006	09/30/2022	10/04/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.726	0.00500	mmhos/cm	1	B213009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## AST-B07@3"

9/27/2022 8:18:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y209673-07 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.163	0.101	mg/L	1	B2I3003	09/30/2022	10/03/2022	
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### DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.4 %	50-150	"	"	"
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### GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	83.2 %	70-130	"	"	"
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

AST-B07@3"

9/27/2022 8:18:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-07 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	103 %		70-130			B2J04 28	10/04/2022	10/06/2022	
Surrogate: 4-Bromofluorobenzene	90.0 %		70-130			"	"	"	

## Metals by Saturated Paste by EPA 6010

Calcium	2.44		0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022	
Magnesium	1.91		0.823	"	"	"	"	"	
Sodium	1.63		0.435	"	"	"	"	"	

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022	
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## AST-B07@3"

9/27/2022 8:18:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC. Y209673-07 (Soil)

### PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	62.5 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	72 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	70.5 %	29-110	"	"	"

### pH in Soil by 9045D

pH	8.27	pH Units	1	B213009	09/30/2022	10/04/2022
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### SAR by 20B Saturated Paste

SAR	1.10	SAR	1	B213006	09/30/2022	10/04/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.529	0.00500	mmhos/cm	1	B213009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-B02@5'

9/27/2022 8:21:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y209673-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.351	0.100	mg/L	1	B2I3003	09/30/2022	10/03/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.7 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-B02@5'

9/27/2022 8:21:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-08 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	99.3 %	70-130	B2J04 28	10/04/2022	10/06/2022
Surrogate: 4-Bromofluorobenzene	91.0 %	70-130	"	"	"

## Metals by Saturated Paste by EPA 6010

Calcium	4.97	0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022
Magnesium	2.34	0.823	"	"	"	"	"
Sodium	2.48	0.435	"	"	"	"	"

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-B02@5'

9/27/2022 8:21:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.  
Y209673-08 (Soil)

## PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	57.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	68.3 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	62.8 %	29-110	"	"	"

## pH in Soil by 9045D

pH	8.04	pH Units	1	B213009	09/30/2022	10/04/2022
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## SAR by 20B Saturated Paste

SAR	1.30	SAR	1	B213006	09/30/2022	10/04/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.842	0.00500	mmhos/cm	1	B213009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-E02@2.5'

9/27/2022 8:24:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-09 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.254	0.0990	mg/L	1	B2I3003	09/30/2022	10/03/2022	
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## DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2923	09/29/2022	10/04/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	83.0 %	50-150			"	"	"
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## GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0428	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	120 %	70-130			"	"	"
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-E02@2.5'

9/27/2022 8:24:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-09 (Soil)

## GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	99.8 %	70-130	B2J04 28	10/04/2022	10/06/2022
Surrogate: 4-Bromofluorobenzene	92.0 %	70-130	"	"	"

## Metals by Saturated Paste by EPA 6010

Calcium	2.27	0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

## PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## PW-E02@2.5'

9/27/2022 8:24:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC. Y209673-09 (Soil)

### PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L641065	10/04/2022	10/04/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	59.6 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	70.2 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	64.2 %	29-110	"	"	"

### pH in Soil by 9045D

pH	8.14	pH Units	1	B213009	09/30/2022	10/04/2022
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### SAR by 20B Saturated Paste

SAR	0.304	SAR	1	B213006	09/30/2022	10/04/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.309	0.00500	mmhos/cm	1	B213009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-BG01@3'

9/27/2022 8:27:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-10 (Soil)

## Boron (DTPA Sorbitol)

Boron	0.184	0.100	mg/L	1	B2I3003	09/30/2022	10/03/2022
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## Metals by Saturated Paste by EPA 6010

Calcium	5.04	0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022
Magnesium	2.91	0.823	"	"	"	"	"
Sodium	2.55	0.435	"	"	"	"	"

## pH in Soil by 9045D

pH	8.05	pH Units	1	B2I3009	09/30/2022	10/04/2022
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## SAR by 20B Saturated Paste

SAR	1.28	SAR	1	B2I3006	09/30/2022	10/04/2022
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## Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.01	0.00500	mmhos/cm	1	B2I3009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

PW-BG01@6'

9/27/2022 8:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y209673-11 (Soil)

### Boron (DTPA Sorbitol)

Boron	0.142	0.101	mg/L	1	B2I3003	09/30/2022	10/03/2022
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### Metals by Saturated Paste by EPA 6010

Calcium	13.4	0.499	meq/L	10	[CALC]	09/30/2022	10/04/2022
Magnesium	7.02	0.823	"	"	"	"	"
Sodium	10.5	0.435	"	"	"	"	"

### pH in Soil by 9045D

pH	7.89		pH Units	1	B2I3009	09/30/2022	10/04/2022
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### SAR by 20B Saturated Paste

SAR	3.27		SAR	1	B2I3006	09/30/2022	10/04/2022
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### Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.45	0.00500	mmhos/cm	1	B2I3009	09/30/2022	10/04/2022
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Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

**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 B2I2923 - EPA 3580</b>										
<b>Blank (B2I2923-BLK1)</b>					Prepared: 09/29/2022 Analyzed: 10/04/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		85.7	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

**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 B2I2923 - EPA 3580

**LCS (B2I2923-BS1)**

Prepared: 09/29/2022 Analyzed: 10/04/2022

Diesel (C10-C28)	842	50.0	mg/kg	1000		84.2	70-130			
Residual Range Organics (C28-C40)	968	200	"	1000		96.8	70-130			
Surrogate: o-Terphenyl	45		"	49.8		91.1	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## 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 B2I2923 - EPA 3580

Matrix Spike (B2I2923-MS1)		Source: Y209644-01			Prepared: 09/29/2022 Analyzed: 10/04/2022					
Diesel (C10-C28)	895	50.0	mg/kg	1000	ND	89.5	70-130			
Residual Range Organics (C28-C40)	921	200	"	1000	ND	92.1	70-130			
Surrogate: o-Terphenyl	43		"	49.8		86.9	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

**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 B2I2923 - EPA 3580

Matrix Spike Dup (B2I2923-MSD1)		Source: Y209644-01			Prepared: 09/29/2022 Analyzed: 10/04/2022					
Diesel (C10-C28)	863	50.0	mg/kg	1000	ND	86.3	70-130	3.68	35	
Residual Range Organics (C28-C40)	946	200	"	1000	ND	94.6	70-130	2.66	35	
Surrogate: o-Terphenyl	44		"	49.8		89.2	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## 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 B2J0428 - EPA 5030 (soil)										
Blank (B2J0428-BLK1)					Prepared: 10/04/2022 Analyzed: 10/06/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		84.0	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.8	70-130			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

**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 B2J0428 - EPA 5030 (soil)**

**LCS (B2J0428-BS1)**

Prepared: 10/04/2022 Analyzed: 10/06/2022

1,2,4-Trimethylbenzene	0.0957	0.00200	mg/kg	0.100		95.7	70-130			
1,3,5-Trimethylbenzene	0.0982	0.00200	"	0.100		98.2	70-130			
Benzene	0.105	0.00200	"	0.100		105	70-130			
Ethylbenzene	0.0951	0.00200	"	0.100		95.1	70-130			
Naphthalene	0.0882	0.00380	"	0.100		88.2	70-130			
Toluene	0.0940	0.00200	"	0.100		94.0	70-130			
o-Xylene	0.0950	0.00200	"	0.100		95.0	70-130			
m,p-Xylene	0.191	0.00400	"	0.200		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.099		"	0.125		79.3	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		89.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.3	70-130			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

**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 B2J0428 - EPA 5030 (soil)**

Matrix Spike (B2J0428-MS1)		Source: Y209604-01			Prepared: 10/04/2022 Analyzed: 10/06/2022					
1,2,4-Trimethylbenzene	0.0949	0.00200	mg/kg	0.100	ND	94.9	70-130			
1,3,5-Trimethylbenzene	0.0949	0.00200	"	0.100	ND	94.9	70-130			
Benzene	0.107	0.00200	"	0.100	ND	107	70-130			
Ethylbenzene	0.0980	0.00200	"	0.100	ND	98.0	70-130			
Naphthalene	0.0808	0.00380	"	0.100	ND	80.8	70-130			
Toluene	0.0940	0.00200	"	0.100	ND	94.0	70-130			
o-Xylene	0.0956	0.00200	"	0.100	ND	95.6	70-130			
m,p-Xylene	0.197	0.00400	"	0.200	ND	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.7	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		89.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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Project: Eaton Field #1 Tank Battery

**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 B2J0428 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B2J0428-MSD1)</b>		<b>Source: Y209604-01</b>			Prepared: 10/04/2022 Analyzed: 10/06/2022					
1,2,4-Trimethylbenzene	0.0968	0.00200	mg/kg	0.100	ND	96.8	70-130	1.92	20	
1,3,5-Trimethylbenzene	0.0971	0.00200	"	0.100	ND	97.1	70-130	2.33	20	
Benzene	0.103	0.00200	"	0.100	ND	103	70-130	4.67	20	
Ethylbenzene	0.0965	0.00200	"	0.100	ND	96.5	70-130	1.54	20	
Naphthalene	0.0872	0.00380	"	0.100	ND	87.2	70-130	7.69	20	
Toluene	0.0939	0.00200	"	0.100	ND	93.9	70-130	0.0426	20	
o-Xylene	0.0960	0.00200	"	0.100	ND	96.0	70-130	0.376	20	
m,p-Xylene	0.194	0.00400	"	0.200	ND	96.9	70-130	1.61	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		82.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.2	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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## Classical Chemistry Parameters - 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 B2I2910 - Default Prep Metals

##### Blank (B2I2910-BLK1)

Prepared: 09/29/2022 Analyzed: 09/30/2022

Boron	ND	0.100	mg/L							U
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##### Duplicate (B2I2910-DUP1)

Source: Y209665-06

Prepared: 09/29/2022 Analyzed: 09/30/2022

Boron	0.239	0.101	mg/L		0.237			0.702	50	
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#### Batch B2I3003 - Default Prep Metals

##### Blank (B2I3003-BLK1)

Prepared: 09/30/2022 Analyzed: 10/03/2022

Boron	ND	0.100	mg/L							U
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##### Duplicate (B2I3003-DUP1)

Source: Y209669-06

Prepared: 09/30/2022 Analyzed: 10/03/2022

Boron	0.699	0.0985	mg/L		0.748			6.74	50	
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#### Batch B2I3005 - Default Prep Metals

##### Blank (B2I3005-BLK1)

Prepared: 09/30/2022 Analyzed: 10/04/2022

Calcium PPM	ND	10.0	mg/L							U
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SAR	0.00		SAR							U
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Magnesium PPM	ND	10.0	mg/L							U
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Sodium PPM	ND	10.0	"							U
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##### Duplicate (B2I3005-DUP1)

Source: Y209622-01

Prepared: 09/30/2022 Analyzed: 10/04/2022

Calcium PPM	27.2	10.0	mg/L		24.9			8.99	50	
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Eagle Environmental Consulting, Inc.  
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Wheat Ridge CO 80033

Dan Coloccia  
Project Number: -  
Project: Eaton Field #1 Tank Battery

## Classical Chemistry Parameters - 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 B2I3005 - Default Prep Metals

Duplicate (B2I3005-DUP1)		Source: Y209622-01		Prepared: 09/30/2022 Analyzed: 10/04/2022						
SAR	0.00		SAR	0.557				200	200	U
Magnesium PPM	6.54	10.0	mg/L	6.09				7.24	50	U
Sodium PPM	11.9	10.0	"	12.0				0.234	50	

#### Batch B2I3006 - Default Prep Metals

Blank (B2I3006-BLK1)		Prepared: 09/30/2022 Analyzed: 10/04/2022								
Calcium PPM	ND	10.0	mg/L							U
SAR	0.00		SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U
Duplicate (B2I3006-DUP1)		Source: Y209673-04		Prepared: 09/30/2022 Analyzed: 10/04/2022						
Calcium PPM	39.5	10.0	mg/L	48.6				20.6	50	
SAR	0.00		SAR	2.37				200	200	U
Magnesium PPM	24.1	10.0	mg/L	23.6				2.14	50	
Sodium PPM	87.8	10.0	"	80.4				8.83	50	

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## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2I3008 - NO PREP</b>										
<b>Blank (B2I3008-BLK1)</b>					Prepared: 09/30/2022 Analyzed: 10/04/2022					
pH	0.00		pH Units							U
Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
<b>Duplicate (B2I3008-DUP1)</b>					<b>Source: Y209622-01</b>		Prepared: 09/30/2022 Analyzed: 10/04/2022			
Specific Conductance (EC)	0.245	0.00500	mmhos/cm		0.224			8.94	25	
pH	8.34		pH Units		8.46			1.43	25	
<b>Batch B2I3009 - NO PREP</b>										
<b>Blank (B2I3009-BLK1)</b>					Prepared: 09/30/2022 Analyzed: 10/04/2022					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
pH	0.00		pH Units							U
<b>Duplicate (B2I3009-DUP1)</b>					<b>Source: Y209673-04</b>		Prepared: 09/30/2022 Analyzed: 10/04/2022			
Specific Conductance (EC)	0.775	0.00500	mmhos/cm		0.779			0.579	25	
pH	7.96		pH Units		8.01			0.626	25	

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Project Number: -  
Project: Eaton Field #1 Tank Battery

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L641065 - 3550B**

MSD (L 89831-MSD-L641065)		Source: Y209673-09			Prepared: 10/04/2022 Analyzed: 10/04/2022					
Naphthalene	0.0856	0.00067	mg/Kg	0.162	<0.000484	52.8	30-130	16.5	30	
Indeno(1,2,3-cd)pyrene	0.125	0.00067	"	0.162	<0.000627	77.1	30-130	7.4	30	
Fluorene	0.107	0.00067	"	0.162	<0.000286	66	30-130	11.4	30	
Fluoranthene	0.116	0.00067	"	0.162	<0.000394	71.6	30-130	11.3	30	
Dibenz(a,h)anthracene	0.165	0.00067	"	0.162	<0.000614	102	30-130	1.8	30	
Chrysene	0.114	0.00067	"	0.162	<0.000624	70.3	30-130	12.3	30	
Benzo(k)fluoranthene	0.107	0.00067	"	0.162	<0.000437	66	30-130	4.5	30	
Benzo(b)fluoranthene	0.109	0.00067	"	0.162	<0.000585	67.2	30-130	10.4	30	
Benzo(a)pyrene	0.125	0.00067	"	0.162	<0.000468	77.1	30-130	13.4	30	
Benzo(a)anthracene	0.116	0.00067	"	0.162	<0.000493	71.6	30-130	12.1	30	
Anthracene	0.107	0.00067	"	0.162	<0.000334	66	30-130	11.4	30	
Acenaphthene	0.0991	0.00067	"	0.162	<0.000304	61.1	30-130	12.2	30	
2-Methylnaphthalene	0.0879	0.00067	"	0.162	<0.000645	54.2	30-130	18.6	30	
1-Methylnaphthalene	0.0896	0.00067	"	0.162	<0.000364	55.3	30-130	14.8	30	
Pyrene	0.116	0.00067	"	0.162	<0.000643	71.6	30-130	9.8	30	
Surrogate: 4-Terphenyl-d14	72.6		"	0.325	233	72.6	33-122			
Surrogate: 2-Fluorobiphenyl	60.3		"	0.325	198	60.3	33-115			
Surrogate: Nitrobenzene-d5	64.6		"	0.325	213	64.6	29-110			

MS (L 89831-MS-L641065)		Source: Y209673-09			Prepared: 10/04/2022 Analyzed: 10/04/2022					
Fluoranthene	0.13	0.00067	mg/Kg	0.166	<0.000394	78.3	30-130			
Benzo(b)fluoranthene	0.121	0.00067	"	0.166	<0.000585	72.8	30-130			
1-Methylnaphthalene	0.104	0.00067	"	0.166	<0.000364	62.6	30-130			
2-Methylnaphthalene	0.106	0.00067	"	0.166	<0.000645	63.8	30-130			
Acenaphthene	0.112	0.00067	"	0.166	<0.000304	67.4	30-130			
Anthracene	0.12	0.00067	"	0.166	<0.000334	72.2	30-130			
Indeno(1,2,3-cd)pyrene	0.116	0.00067	"	0.166	<0.000627	69.8	30-130			

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Project Number: -  
Project: Eaton Field #1 Tank Battery

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L641065 - 3550B**

MS (L 89831-MS-L641065)		Source: Y209673-09			Prepared: 10/04/2022 Analyzed: 10/04/2022					
Benzo(a)pyrene	0.143	0.00067	mg/Kg	0.166	<0.000468	86.1	30-130			
Pyrene	0.128	0.00067	"	0.166	<0.000643	77.1	30-130			
Benzo(k)fluoranthene	0.112	0.00067	"	0.166	<0.000437	67.4	30-130			
Chrysene	0.129	0.00067	"	0.166	<0.000624	77.7	30-130			
Dibenz(a,h)anthracene	0.162	0.00067	"	0.166	<0.000614	97.5	30-130			
Fluorene	0.12	0.00067	"	0.166	<0.000286	72.2	30-130			
Naphthalene	0.101	0.00067	"	0.166	<0.000484	60.8	30-130			
Benzo(a)anthracene	0.131	0.00067	"	0.166	<0.000493	78.9	30-130			
Surrogate: 2-Fluorobiphenyl	67.1		"	0.332	198	67.1	33-115			
Surrogate: 4-Terphenyl-d14	79.2		"	0.332	233	79.2	33-122			
Surrogate: Nitrobenzene-d5	70.1		"	0.332	213	70.1	29-110			

LCS (LCS-L641065)		Prepared: 10/04/2022 Analyzed: 10/04/2022								
Dibenz(a,h)anthracene	0.183	0.00067	mg/Kg	0.167		110	30-130			
Chrysene	0.115	0.00067	"	0.167		68.8	30-130			
Fluorene	0.11	0.00067	"	0.167		65.8	30-130			
Anthracene	0.105	0.00067	"	0.167		62.8	30-130			
Benzo(a)anthracene	0.122	0.00067	"	0.167		73	30-130			
Benzo(a)pyrene	0.128	0.00067	"	0.167		76.6	30-130			
Benzo(k)fluoranthene	0.118	0.00067	"	0.167		70.6	30-130			
Acenaphthene	0.105	0.00067	"	0.167		62.8	30-130			
Fluoranthene	0.121	0.00067	"	0.167		72.4	30-130			
Indeno(1,2,3-cd)pyrene	0.142	0.00067	"	0.167		85	30-130			
Naphthalene	0.1	0.00067	"	0.167		59.8	30-130			
Pyrene	0.119	0.00067	"	0.167		71.2	30-130			
2-Methylnaphthalene	0.1	0.00067	"	0.167		59.8	30-130			
1-Methylnaphthalene	0.104	0.00067	"	0.167		62.2	30-130			

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**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L641065 - 3550B**

**LCS (LCS-L641065)**

Prepared: 10/04/2022 Analyzed: 10/04/2022

Benzo(b)fluoranthene	0.118	0.00067	mg/Kg	0.167		70.6	30-130			
Surrogate: 4-Terphenyl-d14	74.7		"	0.333		74.7	33-122			
Surrogate: Nitrobenzene-d5	68.7		"	0.333		68.7	29-110			
Surrogate: 2-Fluorobiphenyl	69		"	0.333		69	33-115			

**LRB (LRB-L641065)**

Prepared: 10/04/2022 Analyzed: 10/04/2022

Fluoranthene	ND	0.00067	mg/Kg				-			
Pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	73.2		"	0.333		73.2	29-110			
Surrogate: 2-Fluorobiphenyl	69.9		"	0.333		69.9	33-115			
Surrogate: 4-Terphenyl-d14	77.1		"	0.333		77.1	33-122			

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### Notes and Definitions

U Sample is Non-Detect.

J Estimated Value. Analyte below reported quantitation limit.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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