



January 29, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Foos C #11-25

Project Number - [none]

Attached are your analytical results for Noble - Foos C #11-25 received by Origins Laboratory, Inc. January 10, 2024. This project is associated with Origins project number Y401243-01.

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.

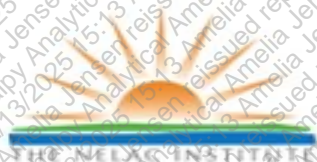
Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Andrew Newberry
Project Number: [none]
Project: Noble - Foos C #11-25

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-SS-01@6'	Y401243-01	Soil	January 10, 2024 11:32	01/10/2024 17:40
WH-SS-02@6'	Y401243-02	Soil	January 10, 2024 11:34	01/10/2024 17:40
WH-SS-03@6'	Y401243-03	Soil	January 10, 2024 11:36	01/10/2024 17:40
WH-SS-04@6'	Y401243-04	Soil	January 10, 2024 11:38	01/10/2024 17:40
WH-FS-01@7'	Y401243-05	Soil	January 10, 2024 11:40	01/10/2024 17:40
Background-01@2'	Y401243-06	Soil	January 10, 2024 11:42	01/10/2024 17:40

Origins Laboratory, Inc.



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ORIGINS LABORATORY, INC

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

Andrew Newberry
Project Number: [none]
Project: Noble - Focs C #11-25

www.originslaboratory.com

14012143

Project Manager: Andrew Newberry

Project Name: Focs C #11-25

Project Number: SV

Samples Collected By: SV

Client: 8000 W 44th Ave

Address: Wheat Ridge, CO 80033

Telephone Number: 800-333-4444

Email Address: andrew@originslab.com

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix	Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other			
14H-SS-0201	11/17/24	11:00	3					Soil	14H-SS-0201	
14H-SS-0202	11/17/24	11:00	3					Soil	14H-SS-0202	
14H-SS-0203	11/17/24	11:00	3					Soil	14H-SS-0203	
14H-SS-0204	11/17/24	11:00	3					Soil	14H-SS-0204	
14H-SS-0205	11/17/24	11:00	3					Soil	14H-SS-0205	
14H-SS-0206	11/17/24	11:00	3					Soil	14H-SS-0206	
14H-SS-0207	11/17/24	11:00	3					Soil	14H-SS-0207	
14H-SS-0208	11/17/24	11:00	3					Soil	14H-SS-0208	
14H-SS-0209	11/17/24	11:00	3					Soil	14H-SS-0209	
14H-SS-0210	11/17/24	11:00	3					Soil	14H-SS-0210	
14H-SS-0211	11/17/24	11:00	3					Soil	14H-SS-0211	
14H-SS-0212	11/17/24	11:00	3					Soil	14H-SS-0212	
14H-SS-0213	11/17/24	11:00	3					Soil	14H-SS-0213	
14H-SS-0214	11/17/24	11:00	3					Soil	14H-SS-0214	
14H-SS-0215	11/17/24	11:00	3					Soil	14H-SS-0215	
14H-SS-0216	11/17/24	11:00	3					Soil	14H-SS-0216	
14H-SS-0217	11/17/24	11:00	3					Soil	14H-SS-0217	
14H-SS-0218	11/17/24	11:00	3					Soil	14H-SS-0218	
14H-SS-0219	11/17/24	11:00	3					Soil	14H-SS-0219	
14H-SS-0220	11/17/24	11:00	3					Soil	14H-SS-0220	
14H-SS-0221	11/17/24	11:00	3					Soil	14H-SS-0221	
14H-SS-0222	11/17/24	11:00	3					Soil	14H-SS-0222	
14H-SS-0223	11/17/24	11:00	3					Soil	14H-SS-0223	
14H-SS-0224	11/17/24	11:00	3					Soil	14H-SS-0224	
14H-SS-0225	11/17/24	11:00	3					Soil	14H-SS-0225	
14H-SS-0226	11/17/24	11:00	3					Soil	14H-SS-0226	
14H-SS-0227	11/17/24	11:00	3					Soil	14H-SS-0227	
14H-SS-0228	11/17/24	11:00	3					Soil	14H-SS-0228	
14H-SS-0229	11/17/24	11:00	3					Soil	14H-SS-0229	
14H-SS-0230	11/17/24	11:00	3					Soil	14H-SS-0230	
14H-SS-0231	11/17/24	11:00	3					Soil	14H-SS-0231	
14H-SS-0232	11/17/24	11:00	3					Soil	14H-SS-0232	
14H-SS-0233	11/17/24	11:00	3					Soil	14H-SS-0233	
14H-SS-0234	11/17/24	11:00	3					Soil	14H-SS-0234	
14H-SS-0235	11/17/24	11:00	3					Soil	14H-SS-0235	
14H-SS-0236	11/17/24	11:00	3					Soil	14H-SS-0236	
14H-SS-0237	11/17/24	11:00	3					Soil	14H-SS-0237	
14H-SS-0238	11/17/24	11:00	3					Soil	14H-SS-0238	
14H-SS-0239	11/17/24	11:00	3					Soil	14H-SS-0239	
14H-SS-0240	11/17/24	11:00	3					Soil	14H-SS-0240	
14H-SS-0241	11/17/24	11:00	3					Soil	14H-SS-0241	
14H-SS-0242	11/17/24	11:00	3					Soil	14H-SS-0242	
14H-SS-0243	11/17/24	11:00	3					Soil	14H-SS-0243	
14H-SS-0244	11/17/24	11:00	3					Soil	14H-SS-0244	
14H-SS-0245	11/17/24	11:00	3					Soil	14H-SS-0245	
14H-SS-0246	11/17/24	11:00	3					Soil	14H-SS-0246	
14H-SS-0247	11/17/24	11:00	3					Soil	14H-SS-0247	
14H-SS-0248	11/17/24	11:00	3					Soil	14H-SS-0248	
14H-SS-0249	11/17/24	11:00	3					Soil	14H-SS-0249	
14H-SS-0250	11/17/24	11:00	3					Soil	14H-SS-0250	
14H-SS-0251	11/17/24	11:00	3					Soil	14H-SS-0251	
14H-SS-0252	11/17/24	11:00	3					Soil	14H-SS-0252	
14H-SS-0253	11/17/24	11:00	3					Soil	14H-SS-0253	
14H-SS-0254	11/17/24	11:00	3					Soil	14H-SS-0254	
14H-SS-0255	11/17/24	11:00	3					Soil	14H-SS-0255	
14H-SS-0256	11/17/24	11:00	3					Soil	14H-SS-0256	
14H-SS-0257	11/17/24	11:00	3					Soil	14H-SS-0257	
14H-SS-0258	11/17/24	11:00	3					Soil	14H-SS-0258	
14H-SS-0259	11/17/24	11:00	3					Soil	14H-SS-0259	
14H-SS-0260	11/17/24	11:00	3					Soil	14H-SS-0260	
14H-SS-0261	11/17/24	11:00	3					Soil	14H-SS-0261	
14H-SS-0262	11/17/24	11:00	3					Soil	14H-SS-0262	
14H-SS-0263	11/17/24	11:00	3					Soil	14H-SS-0263	
14H-SS-0264	11/17/24	11:00	3					Soil	14H-SS-0264	
14H-SS-0265	11/17/24	11:00	3					Soil	14H-SS-0265	
14H-SS-0266	11/17/24	11:00	3					Soil	14H-SS-0266	
14H-SS-0267	11/17/24	11:00	3					Soil	14H-SS-0267	
14H-SS-0268	11/17/24	11:00	3					Soil	14H-SS-0268	
14H-SS-0269	11/17/24	11:00	3					Soil	14H-SS-0269	
14H-SS-0270	11/17/24	11:00	3					Soil	14H-SS-0270	
14H-SS-0271	11/17/24	11:00	3					Soil	14H-SS-0271	
14H-SS-0272	11/17/24	11:00	3					Soil	14H-SS-0272	
14H-SS-0273	11/17/24	11:00	3					Soil	14H-SS-0273	
14H-SS-0274	11/17/24	11:00	3					Soil	14H-SS-0274	
14H-SS-0275	11/17/24	11:00	3					Soil	14H-SS-0275	
14H-SS-0276	11/17/24	11:00	3					Soil	14H-SS-0276	
14H-SS-0277	11/17/24	11:00	3					Soil	14H-SS-0277	
14H-SS-0278	11/17/24	11:00	3					Soil	14H-SS-0278	
14H-SS-0279	11/17/24	11:00	3					Soil	14H-SS-0279	
14H-SS-0280	11/17/24	11:00	3					Soil	14H-SS-0280	
14H-SS-0281	11/17/24	11:00	3					Soil	14H-SS-0281	
14H-SS-0282	11/17/24	11:00	3					Soil	14H-SS-0282	
14H-SS-0283	11/17/24	11:00	3					Soil	14H-SS-0283	
14H-SS-0284	11/17/24	11:00	3					Soil	14H-SS-0284	
14H-SS-0285	11/17/24	11:00	3					Soil	14H-SS-0285	
14H-SS-0286	11/17/24	11:00	3					Soil	14H-SS-0286	
14H-SS-0287	11/17/24	11:00	3					Soil	14H-SS-0287	
14H-SS-0288	11/17/24	11:00	3					Soil	14H-SS-0288	
14H-SS-0289	11/17/24	11:00	3					Soil	14H-SS-0289	
14H-SS-0290	11/17/24	11:00	3					Soil	14H-SS-0290	
14H-SS-0291	11/17/24	11:00	3					Soil	14H-SS-0291	
14H-SS-0292	11/17/24	11:00	3					Soil	14H-SS-0292	
14H-SS-0293	11/17/24	11:00	3					Soil	14H-SS-0293	
14H-SS-0294	11/17/24	11:00	3					Soil	14H-SS-0294	
14H-SS-0295	11/17/24	11:00	3					Soil	14H-SS-0295	
14H-SS-0296	11/17/24	11:00	3					Soil	14H-SS-0296	
14H-SS-0297	11/17/24	11:00	3					Soil	14H-SS-0297	
14H-SS-0298	11/17/24	11:00	3					Soil	14H-SS-0298	
14H-SS-0299	11/17/24	11:00	3					Soil	14H-SS-0299	
14H-SS-0300	11/17/24	11:00	3					Soil	14H-SS-0300	

Relinquished By: [Signature]

Relinquished By: [Signature]

Date: 11/02/24

Date: 11/02/24

Time: 1:40

Time: 1:40

Received By: [Signature]

Received By: [Signature]

Date: 11/02/24

Date: 11/02/24

Time: 1:40

Time: 1:40

Turnaround Time: 24 Hr 48 Hr 72 Hr

Standard

Temp Received: [Signature]

Date Results Needed: [Signature]

Origins Laboratory, Inc.
[Signature]

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Jordan A. Bynon, Project Manager

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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

Sample Receipt Checklist

Origins Work Order: 140124 Client: EAGLE
 Client Project ID: FOOS C #11-25

Checklist Completed by: JBY Shipped Via: TUD
 Date/time completed: 1/11/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

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

Cooler Number/Temperature: 1/10 °C / _____ °C / _____ °C / _____ °C

Thermometer ID: 1004

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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 sub-contracted 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"/>	<input 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 1/12/24

Origins Laboratory, Inc.

[Signature]

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-01@6'
1/10/2024 11:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.595		0.0997	mg/L	1	B4A1515	01/15/2024	01/17/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4A1201	01/12/2024	01/16/2024	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 87.0% 50-150 " " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4A1205	01/12/2024	01/13/2024	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

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Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-01@6'
 1/10/2024 11:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 1,2-Dichloroethane-d4	120 %		70-130			B4A1205	01/12/2024	01/13/2024	
Surrogate: Toluene-d8	92.1 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	91.4 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.54		0.499	meq/L	10	[CALC]	01/15/2024	01/17/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	3.39		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B4A1602	01/16/2024	01/17/2024	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-01@6'
1/10/2024 11:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-01 (Soil)

PAH by EPA 8270E

Fluoranthene	ND		0.020	mg/kg	1	B4A1602	01/16/2024	01/17/2024	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	98.4 %		60-130			"	"	"	
Surrogate: Anthracene-d10	96.0 %		60-130			"	"	"	
Surrogate: Pyrene-d10	110 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.7 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.36			pH Units	1	B4A1606	01/16/2024	01/16/2024	
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SAR by 20B Saturated Paste

SAR	3.16		0.0100	SAR	1	B4A1510	01/15/2024	01/17/2024	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.632		0.00500	mmhos/cm	1	B4A1606	01/16/2024	01/16/2024	
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Table 915 metals by EPA 6020B

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Andrew Newberry
Project Number: [none]
Project: Noble - Foos C #11-25

WH-SS-01@6'
1/10/2024 11:32:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	4.18		0.0909	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Barium	221		9.09	"	"	"	"	"	"
Cadmium	0.140		0.0909	"	"	"	"	"	"
Copper	13.0		9.09	"	"	"	"	"	"
Lead	10.6		0.909	"	"	"	"	"	"
Nickel	12.1		0.909	"	"	"	"	"	"
Selenium	0.150		0.0909	"	"	"	"	"	"
Silver	ND		0.0909	"	"	"	"	"	"
Zinc	50.0		9.09	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L728449	01/10/2024	01/23/2024	
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Jordan A. Bynon, Project Manager

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Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-02@6'
1/10/2024 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.551		0.101	mg/L	1	B4A1515	01/15/2024	01/17/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	41.4		25.0	mg/kg	1	B4A1201	01/12/2024	01/16/2024	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.9 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.0734		0.00200	mg/kg	1	B4A1205	01/12/2024	01/13/2024	
1,3,5-Trimethylbenzene	0.139		0.00200	"	"	"	"	"	
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	0.165		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	10.6		0.200	"	"	"	"	"	

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



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-02@6'
1/10/2024 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	89.2 %		70-130			B4A12 05	01/12/2024	01/13/2024	
Surrogate: 4-Bromofluorobenzene	87.0 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.973		0.499	meq/L	10	[CALC]	01/15/2024	01/17/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	3.89		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	0.031		0.002	mg/kg	1	B4A1602	01/16/2024	01/17/2024	
2-Methylnaphthalene	0.009		0.002	"	"	"	"	"	
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-02@6'
1/10/2024 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-02 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B4A1602	01/16/2024	01/17/2024	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	98.3 %		60-130						
Surrogate: Anthracene-d10	102 %		60-130						
Surrogate: Pyrene-d10	106 %		60-130						
Surrogate: Benzo (a) pyrene-d12	105 %		60-130						

pH in Soil by 9045D

pH	8.38			pH Units	1	B4A1606	01/16/2024	01/16/2024	
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SAR by 20B Saturated Paste

SAR	4.65		0.0100	SAR	1	B4A1510	01/15/2024	01/17/2024	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.510		0.00500	mmhos/cm	1	B4A1606	01/16/2024	01/16/2024	
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Table 915 metals by EPA 6020B

Arsenic	3.19		0.0956	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
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Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Foos C #11-25

WH-SS-02@6'
1/10/2024 11:34:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-02 (Soil)

Table 915 metals by EPA 6020B

Barium	101		9.56	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Cadmium	0.126		0.0956	"	"	"	"	"	"
Copper	10.1		9.56	"	"	"	"	"	"
Lead	11.2		0.956	"	"	"	"	"	"
Nickel	9.05		0.956	"	"	"	"	"	"
Selenium	ND		0.0956	"	"	"	"	"	"
Silver	ND		0.0956	"	"	"	"	"	"
Zinc	42.8		9.56	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L728449	01/10/2024	01/23/2024	
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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.

Jordan A. Bynon, Project Manager

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-03@6'
1/10/2024 11:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.435		0.100	mg/L	1	B4A1515	01/15/2024	01/17/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	325		25.0	mg/kg	1	B4A1201	01/12/2024	01/16/2024	
Residual Range Organics (C28-C40)	121		100	"	"	"	"	"	

Surrogate: o-Terphenyl	108 %		50-150	"	"	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.178		0.00200	mg/kg	1	B4A1205	01/12/2024	01/13/2024	
1,3,5-Trimethylbenzene	0.334		0.00200	"	"	"	"	"	
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	0.00294		0.00200	"	"	"	"	"	
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	0.00974		0.00200	"	"	"	"	"	
Xylenes, total	0.590		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	104		5.00	"	25	"	"	01/13/2024	

Surrogate: 1,2-Dichloroethane-d4	117 %		70-130	"	"	"	"	01/13/2024	
Surrogate: Toluene-d8	106 %		70-130	"	"	"	"	"	

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-03@6'
1/10/2024 11:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	91.6 %		70-130			B4A12 05	01/12/2024	01/13/2024	
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Metals by Saturated Paste by EPA 6010

Calcium	1.75		0.499	meq/L	10	[CALC]	01/15/2024	01/17/2024	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	3.64		0.435	"	"	"	"	"	"

PAH by EPA 8270E

1-Methylnaphthalene	0.226		0.002	mg/kg	1	B4A1602	01/16/2024	01/17/2024	
2-Methylnaphthalene	0.093		0.002	"	"	"	"	"	"
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.005		0.005	"	"	"	"	"	"
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	0.038		0.020	"	"	"	"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-03@6'
1/10/2024 11:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-03 (Soil)

PAH by EPA 8270E

Indeno (1,2,3-cd) pyrene	ND		0.020	mg/kg	1	B4A1602	01/16/2024	01/17/2024	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	93.2 %		60-130			"	"	"	
Surrogate: Anthracene-d10	109 %		60-130			"	"	"	
Surrogate: Pyrene-d10	111 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	109 %		60-130			"	"	"	

pH in Soil by 9045D

pH	7.92			pH Units	1	B4A1606	01/16/2024	01/16/2024	
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SAR by 20B Saturated Paste

SAR	3.21		0.0100	SAR	1	B4A1510	01/15/2024	01/17/2024	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.470		0.00500	mmhos/cm	1	B4A1606	01/16/2024	01/16/2024	
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Table 915 metals by EPA 6020B

Arsenic	3.40		0.0946	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Barium	128		9.46	"	"	"	"	"	

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-03@6'
1/10/2024 11:36:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-03 (Soil)

Table 915 metals by EPA 6020B

Cadmium	0.133		0.0946	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Copper	10.6		9.46	"	"	"	"	"	
Lead	11.2		0.946	"	"	"	"	"	
Nickel	9.75		0.946	"	"	"	"	"	
Selenium	0.129		0.0946	"	"	"	"	"	
Silver	ND		0.0946	"	"	"	"	"	
Zinc	42.6		9.46	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L728449	01/10/2024	01/23/2024	
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Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-04@6'
1/10/2024 11:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.509		0.0991	mg/L	1	B4A1515	01/15/2024	01/17/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	708		25.0	mg/kg	1	B4A1201	01/12/2024	01/16/2024	
Residual Range Organics (C28-C40)	278		100	"	"	"	"	"	

Surrogate: o-Terphenyl	96.0%		50-150	"	"	"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.0518		0.00200	mg/kg	1	B4A1205	01/12/2024	01/13/2024	
1,3,5-Trimethylbenzene	2.54		0.0500	"	25	"	"	01/13/2024	
Benzene	ND		0.00200	"	1	"	"	01/13/2024	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	0.00432		0.00380	"	"	"	"	"	
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	0.281		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	367		5.00	"	25	"	"	01/13/2024	

Surrogate: 1,2-Dichloroethane-d4	120%		70-130	"	"	"	"	01/13/2024	
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Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-04@6'
1/10/2024 11:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	106 %		70-130			B4A12 05	01/12/2024	01/13/2024	
Surrogate: 4-Bromofluorobenzene	93.5 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.19		0.499	meq/L	10	[CALC]	01/15/2024	01/17/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.00		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	0.778		0.002	mg/kg	1	B4A1602	01/16/2024	01/18/2024	
2-Methylnaphthalene	0.873		0.002	"	"	"	"	"	
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.007		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	0.105		0.020	"	"	"	"	"	

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-04@6'
1/10/2024 11:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-04 (Soil)

PAH by EPA 8270E

Indeno (1,2,3-cd) pyrene	ND		0.020	mg/kg	1	B4A1602	01/16/2024	01/18/2024	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	94.1 %		60-130		"	"	"	"	
Surrogate: Anthracene-d10	128 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	113 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	112 %		60-130		"	"	"	"	

pH in Soil by 9045D

pH	8.00			pH Units	1	B4A1606	01/16/2024	01/16/2024	
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SAR by 20B Saturated Paste

SAR	4.34		0.0100	SAR	1	B4A1510	01/15/2024	01/17/2024	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.476		0.00500	mmhos/cm	1	B4A1606	01/16/2024	01/16/2024	
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Table 915 metals by EPA 6020B

Arsenic	2.53		0.0844	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Barium	84.9		8.44	"	"	"	"	"	

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-SS-04@6'
1/10/2024 11:38:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-04 (Soil)

Table 915 metals by EPA 6020B

Cadmium	0.112		0.0844	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Copper	8.71		8.44	"	"	"	"	"	
Lead	8.02		0.844	"	"	"	"	"	
Nickel	7.43		0.844	"	"	"	"	"	
Selenium	ND		0.0844	"	"	"	"	"	
Silver	ND		0.0844	"	"	"	"	"	
Zinc	38.3		8.44	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L728449	01/10/2024	01/23/2024	
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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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-FS-01@7'
1/10/2024 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.323		0.0990	mg/L	1	B4A1515	01/15/2024	01/17/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4A1201	01/12/2024	01/16/2024	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 87.7% 50-150 " " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.00318		0.00200	mg/kg	1	B4A1205	01/12/2024	01/13/2024	
1,3,5-Trimethylbenzene	0.0110		0.00200	"	"	"	"	"	
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	0.946		0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 116% 70-130 " " " "

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-FS-01@7'
1/10/2024 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	92.4 %		70-130			B4A12 05	01/12/2024	01/13/2024	
Surrogate: 4-Bromofluorobenzene	90.0 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.50		0.499	meq/L	10	[CALC]	01/15/2024	01/17/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.00		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	0.005		0.002	mg/kg	1	B4A1602	01/16/2024	01/17/2024	
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-FS-01@7'
1/10/2024 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-05 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B4A1602	01/16/2024	01/17/2024	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	102 %		60-130			"	"	"	
Surrogate: Anthracene-d10	102 %		60-130			"	"	"	
Surrogate: Pyrene-d10	99.7 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.33			pH Units	1	B4A1606	01/16/2024	01/16/2024	
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SAR by 20B Saturated Paste


SAR	1.90		0.0100	SAR	1	B4A1510	01/15/2024	01/17/2024	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.411		0.00500	mmhos/cm	1	B4A1606	01/16/2024	01/16/2024	
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Table 915 metals by EPA 6020B

Arsenic	3.93		0.0955	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
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Origins Laboratory, Inc.


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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

WH-FS-01@7'
1/10/2024 11:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-05 (Soil)

Table 915 metals by EPA 6020B

Barium	174		9.55	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Cadmium	0.127		0.0955	"	"	"	"	"	"
Copper	10.4		9.55	"	"	"	"	"	"
Lead	10.2		0.955	"	"	"	"	"	"
Nickel	11.5		0.955	"	"	"	"	"	"
Selenium	0.0993		0.0955	"	"	"	"	"	"
Silver	ND		0.0955	"	"	"	"	"	"
Zinc	45.9		9.55	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L728449	01/10/2024	01/23/2024	
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Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

Background-01@2'
1/10/2024 11:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-06 (Soil)

Boron (DTPA Sorbitol)

Boron	1.25		0.100	mg/L	1	B4A1515	01/15/2024	01/17/2024	
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Metals by Saturated Paste by EPA 6010

Calcium	6.58		0.499	meq/L	10	[CALC]	01/15/2024	01/17/2024	
Magnesium	3.56		0.823	"	"	"	"	"	
Sodium	15.1		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.26			pH Units	1	B4A1606	01/16/2024	01/16/2024	
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SAR by 20B Saturated Paste

SAR	6.72		0.0100	SAR	1	B4A1510	01/15/2024	01/17/2024	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.29		0.00500	mmhos/cm	1	B4A1606	01/16/2024	01/16/2024	
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Table 915 metals by EPA 6020B

Arsenic	3.91		0.0928	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Barium	124		9.28	"	"	"	"	"	
Cadmium	0.130		0.0928	"	"	"	"	"	
Copper	10.6		9.28	"	"	"	"	"	

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

Background-01@2'
1/10/2024 11:42:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401243-06 (Soil)

Table 915 metals by EPA 6020B

Lead	9.02		0.928	mg/kg	10	B4A1037	01/10/2024	01/17/2024	
Nickel	11.4		0.928	"	"	"	"	"	"
Selenium	0.176		0.0928	"	"	"	"	"	"
Silver	ND		0.0928	"	"	"	"	"	"
Zinc	42.8		9.28	"	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L728449	01/10/2024	01/23/2024	
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Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1201 - EPA 3550B

Blank (B4A1201-BLK1)

Prepared: 01/12/2024 Analyzed: 01/16/2024

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		97.1	50-150			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1201 - EPA 3550B

LCS (B4A1201-BS1)

Prepared: 01/12/2024 Analyzed: 01/16/2024

Diesel (C10-C28)	941	50.0	mg/kg	1000		94.1	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000		101	70-130			
Surrogate: o-Terphenyl	49		"	49.8		97.9	50-150			

Origins Laboratory, Inc.

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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1201 - EPA 3550B

Matrix Spike (B4A1201-MS1)

Source: Y401236-01

Prepared: 01/12/2024 Analyzed: 01/16/2024

Diesel (C10-C28)	1070	50.0	mg/kg	1000	ND	107	70-130			
Residual Range Organics (C28-C40)	1140	200	"	1000	ND	114	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1201 - EPA 3550B

Matrix Spike Dup (B4A1201-MSD1)

Source: Y401236-01

Prepared: 01/12/2024 Analyzed: 01/16/2024

Diesel (C10-C28)	911	50.0	mg/kg	1000	ND	91.1	70-130	16.2	35	
Residual Range Organics (C28-C40)	1000	200	"	1000	ND	100	70-130	12.2	35	
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1205 - EPA 5030 (soil)

Prepared: 01/12/2024 Analyzed: 01/12/2024

Blank (B4A1205-BLK1)

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	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.7	70-130			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1205 - EPA 5030 (soil)

LCS (B4A1205-BS1)

Prepared: 01/12/2024 Analyzed: 01/12/2024

1,2,4-Trimethylbenzene	0.0954	0.00200	mg/kg	0.100		95.4	70-130			
1,3,5-Trimethylbenzene	0.0967	0.00200	"	0.100		96.7	70-130			
Benzene	0.113	0.00200	"	0.100		113	70-130			
Ethylbenzene	0.101	0.00200	"	0.100		101	70-130			
Naphthalene	0.0909	0.00380	"	0.100		90.9	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.0929	0.00200	"	0.100		92.9	70-130			
m,p-Xylene	0.195	0.00400	"	0.200		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		108	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.9	70-130			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1205 - EPA 5030 (soil)

Matrix Spike (B4A1205-MS1)

Source: Y401228-01

Prepared: 01/12/2024 Analyzed: 01/12/2024

1,2,4-Trimethylbenzene	0.0824	0.00200	mg/kg	0.100	ND	82.4	70-130			
1,3,5-Trimethylbenzene	0.0811	0.00200	"	0.100	ND	81.1	70-130			
Benzene	0.103	0.00200	"	0.100	ND	103	70-130			
Ethylbenzene	0.0845	0.00200	"	0.100	ND	84.5	70-130			
Naphthalene	0.0952	0.00380	"	0.100	ND	95.2	70-130			
Toluene	0.0941	0.00200	"	0.100	ND	94.1	70-130			
o-Xylene	0.0831	0.00200	"	0.100	ND	83.1	70-130			
m,p-Xylene	0.169	0.00400	"	0.200	ND	84.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		118	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.6	70-130			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1205 - EPA 5030 (soil)

Matrix Spike Dup (B4A1205-MSD1)

Source: Y401228-01

Prepared: 01/12/2024 Analyzed: 01/12/2024

1,2,4-Trimethylbenzene	0.0504	0.00200	mg/kg	0.100	ND	50.4	70-130	48.2	20	QM-07
1,3,5-Trimethylbenzene	0.0492	0.00200	"	0.100	ND	49.2	70-130	49.0	20	QM-07
Benzene	0.0685	0.00200	"	0.100	ND	68.5	70-130	40.0	20	QM-07
Ethylbenzene	0.0519	0.00200	"	0.100	ND	51.9	70-130	47.9	20	QM-07
Naphthalene	0.0588	0.00380	"	0.100	ND	58.8	70-130	47.3	20	QM-07
Toluene	0.0640	0.00200	"	0.100	ND	64.0	70-130	38.1	20	QM-07
o-Xylene	0.0520	0.00200	"	0.100	ND	52.0	70-130	46.0	20	QM-07
m,p-Xylene	0.107	0.00400	"	0.200	ND	53.4	70-130	45.4	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		119	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.0	70-130			

Origins Laboratory, Inc.

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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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Metals by EPA 6000/7000 Series Methods - 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 B4A1037 - EPA 3050B

Blank (B4A1037-BLK1)

Prepared: 01/10/2024 Analyzed: 01/17/2024

Arsenic	ND	0.0100	mg/kg							
Barium	ND	1.00	"							
Cadmium	ND	0.0100	"							
Copper	ND	1.00	"							
Lead	ND	0.100	"							
Nickel	ND	0.100	"							
Selenium	ND	0.0100	"							
Silver	ND	0.0100	"							
Zinc	ND	1.00	"							

LCS (B4A1037-BS1)

Prepared: 01/10/2024 Analyzed: 01/17/2024

Arsenic	5.66	0.0100	mg/kg	5.00		113	80-120			
Barium	514	1.00	"	500		103	80-120			
Cadmium	5.37	0.0100	"	5.00		107	80-120			
Copper	56.9	1.00	"	50.0		114	80-120			
Lead	5.02	0.100	"	5.00		100	80-120			
Nickel	5.38	0.100	"	5.00		108	80-120			
Selenium	4.43	0.0100	"	5.00		88.6	80-120			
Silver	5.32	0.0100	"	5.00		106	80-120			
Zinc	52.3	1.00	"	50.0		105	80-120			

Matrix Spike (B4A1037-MS1)

Source: Y401230-02

Prepared: 01/10/2024 Analyzed: 01/17/2024

Origins Laboratory, Inc.



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

Metals by EPA 6000/7000 Series Methods - 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 B4A1037 - EPA 3050B

Matrix Spike (B4A1037-MS1)

Source: Y401230-02

Prepared: 01/10/2024 Analyzed: 01/17/2024

Arsenic	11.9	0.0939	mg/kg	4.69	7.57	91.7	75-125			
Barium	673	9.39	"	469	197	101	75-125			
Cadmium	5.51	0.0939	"	4.69	0.369	110	75-125			
Copper	65.9	9.39	"	46.9	19.2	99.7	75-125			
Lead	18.8	0.939	"	4.69	14.3	94.7	75-125			
Nickel	25.1	0.939	"	4.69	22.6	53.3	75-125			QM-07
Selenium	5.14	0.0939	"	4.69	0.605	96.7	75-125			
Silver	5.12	0.0939	"	4.69	0.0762	107	75-125			
Zinc	115	9.39	"	46.9	73.7	88.4	75-125			

Matrix Spike Dup (B4A1037-MSD1)

Source: Y401230-02

Prepared: 01/10/2024 Analyzed: 01/17/2024

Arsenic	12.1	0.0856	mg/kg	4.28	7.57	107	75-125	2.20	20	
Barium	647	8.56	"	428	197	105	75-125	3.90	20	
Cadmium	5.24	0.0856	"	4.28	0.369	114	75-125	5.01	20	
Copper	61.8	8.56	"	42.8	19.2	99.7	75-125	6.42	20	
Lead	17.9	0.856	"	4.28	14.3	82.2	75-125	5.04	20	
Nickel	24.6	0.856	"	4.28	22.6	47.8	75-125	1.84	20	QM-07
Selenium	5.02	0.0856	"	4.28	0.605	103	75-125	2.37	20	
Silver	4.88	0.0856	"	4.28	0.0762	112	75-125	4.90	20	
Zinc	110	8.56	"	42.8	73.7	85.4	75-125	4.38	20	

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A1602 - EPA 3580

Blank (B4A1602-BLK1)

Prepared: 01/16/2024 Analyzed: 01/18/2024

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		99.8	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		108	60-130			

LCS (B4A1602-BS1)

Prepared: 01/16/2024 Analyzed: 01/17/2024

1-Methylnaphthalene	0.198	0.002	mg/kg	0.200		98.8	70-130			
2-Methylnaphthalene	0.191	0.002	"	0.200		95.5	70-130			
Acenaphthene	0.186	0.020	"	0.200		92.9	70-130			
Anthracene	0.194	0.020	"	0.200		97.0	70-130			

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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A1602 - EPA 3580

LCS (B4A1602-BS1)

Prepared: 01/16/2024 Analyzed: 01/17/2024

Benzo (a) anthracene	0.218	0.005	mg/kg	0.200		109	70-130			
Benzo (a) pyrene	0.195	0.020	"	0.200		97.3	70-130			
Benzo (b) fluoranthene	0.247	0.020	"	0.200		124	70-130			
Benzo (g,h,i) perylene	0.218	0.020	"	0.200		109	70-130			
Benzo (k) fluoranthene	0.205	0.020	"	0.200		103	70-130			
Chrysene	0.207	0.020	"	0.200		103	70-130			
Dibenz (a,h) anthracene	0.208	0.020	"	0.200		104	70-130			
Fluoranthene	0.199	0.020	"	0.200		99.6	70-130			
Fluorene	0.182	0.020	"	0.200		90.8	70-130			
Indeno (1,2,3-cd) pyrene	0.210	0.020	"	0.200		105	70-130			
Naphthalene	0.194	0.002	"	0.200		97.0	70-130			
Phenanthrene	0.190	0.020	"	0.200		95.0	70-130			
Pyrene	0.245	0.020	"	0.200		123	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		96.8	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Matrix Spike (B4A1602-MS1)

Source: Y401200-01

Prepared: 01/16/2024 Analyzed: 01/17/2024

1-Methylnaphthalene	0.297	0.002	mg/kg	0.200	0.066	115	70-130			
2-Methylnaphthalene	0.366	0.002	"	0.200	0.159	103	70-130			
Acenaphthene	0.186	0.020	"	0.200	ND	92.9	70-130			
Anthracene	0.209	0.020	"	0.200	0.004	103	70-130			
Benzo (a) anthracene	0.208	0.005	"	0.200	0.003	102	70-130			
Benzo (a) pyrene	0.227	0.020	"	0.200	0.001	113	70-130			
Benzo (b) fluoranthene	0.233	0.020	"	0.200	0.002	116	70-130			
Benzo (g,h,i) perylene	0.206	0.020	"	0.200	0.002	102	70-130			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, LLC
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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A1602 - EPA 3580

Matrix Spike (B4A1602-MS1)

Source: Y401200-01

Prepared: 01/16/2024 Analyzed: 01/17/2024

Benzo (k) fluoranthene	0.224	0.020	mg/kg	0.200	0.003	111	70-130			
Chrysene	0.219	0.020	"	0.200	0.0008	109	70-130			
Dibenz (a,h) anthracene	0.241	0.020	"	0.200	ND	120	70-130			
Fluoranthene	0.237	0.020	"	0.200	0.004	117	70-130			
Fluorene	0.201	0.020	"	0.200	0.018	91.5	70-130			
Indeno (1,2,3-cd) pyrene	0.232	0.020	"	0.200	0.001	115	70-130			
Naphthalene	0.217	0.002	"	0.200	0.008	105	70-130			
Phenanthrene	0.249	0.020	"	0.200	0.040	105	70-130			
Pyrene	0.257	0.020	"	0.200	0.003	127	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		96.5	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	230		"	200		114	60-130			
Surrogate: Benzo (a) pyrene-d12	240		"	200		121	60-130			

Matrix Spike Dup (B4A1602-MSD1)

Source: Y401200-01

Prepared: 01/16/2024 Analyzed: 01/17/2024

1-Methylnaphthalene	0.264	0.002	mg/kg	0.200	0.066	98.9	70-130	11.8	20	
2-Methylnaphthalene	0.362	0.002	"	0.200	0.159	102	70-130	1.10	20	
Acenaphthene	0.194	0.020	"	0.200	ND	96.9	70-130	4.25	20	
Anthracene	0.200	0.020	"	0.200	0.004	98.1	70-130	4.60	20	
Benzo (a) anthracene	0.204	0.005	"	0.200	0.003	100	70-130	1.79	20	
Benzo (a) pyrene	0.221	0.020	"	0.200	0.001	110	70-130	2.57	20	
Benzo (b) fluoranthene	0.268	0.020	"	0.200	0.002	133	70-130	13.8	20	QM-07
Benzo (g,h,i) perylene	0.206	0.020	"	0.200	0.002	102	70-130	0.238	20	
Benzo (k) fluoranthene	0.259	0.020	"	0.200	0.003	128	70-130	14.6	20	
Chrysene	0.218	0.020	"	0.200	0.0008	109	70-130	0.567	20	
Dibenz (a,h) anthracene	0.226	0.020	"	0.200	ND	113	70-130	6.22	20	
Fluoranthene	0.212	0.020	"	0.200	0.004	104	70-130	11.2	20	

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Andrew Newberry
 Project Number: [none]
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EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A1602 - EPA 3580

Matrix Spike Dup (B4A1602-MSD1)

Source: Y401200-01

Prepared: 01/16/2024 Analyzed: 01/17/2024

Fluorene	0.194	0.020	mg/kg	0.200	0.018	87.7	70-130	3.77	20	
Indeno (1,2,3-cd) pyrene	0.203	0.020	"	0.200	0.001	101	70-130	13.5	20	
Naphthalene	0.208	0.002	"	0.200	0.008	100	70-130	4.08	20	
Phenanthrene	0.240	0.020	"	0.200	0.040	100	70-130	3.74	20	
Pyrene	0.218	0.020	"	0.200	0.003	108	70-130	16.4	20	
Surrogate: Fluorene-d10	180		ug/kg	200		87.8	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		108	60-130			

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Jordan A. Bynon, Project Manager



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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

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 B4A1510 - Saturated Paste Metals

Blank (B4A1510-BLK1)

Prepared: 01/15/2024 Analyzed: 01/17/2024

Calcium PPM	ND	1.00	mg/L							
SAR	ND	0.0100	SAR							
Magnesium PPM	ND	10.0	mg/L							
Sodium PPM	ND	1.00	"							

Duplicate (B4A1510-DUP1)

Source: Y401240-02

Prepared: 01/15/2024 Analyzed: 01/17/2024

SAR	ND	0.0100	SAR	5.39				200		
Calcium PPM	67.3	10.0	mg/L	88.1				26.7	50	
Magnesium PPM	19.8	10.0	"	27.7				33.2	50	
Sodium PPM	207	10.0	"	226				9.05	50	

Batch B4A1515 - DTPA Sorbitol Preparation

Blank (B4A1515-BLK1)

Prepared: 01/15/2024 Analyzed: 01/17/2024

Boron	ND	0.100	mg/L							
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Duplicate (B4A1515-DUP1)

Source: Y401242-02

Prepared: 01/15/2024 Analyzed: 01/17/2024

Boron	0.321	0.101	mg/L	0.417				26.0	50	
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Eagle Environmental Consulting, LLC
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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

Saturated Paste - 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 B4A1606 - Saturated Paste pH/EC

Blank (B4A1606-BLK1)

Prepared: 01/16/2024 Analyzed: 01/16/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4A1606-DUP1)

Source: Y401240-02

Prepared: 01/16/2024 Analyzed: 01/16/2024

pH 8.35 pH Units 8.42 0.835 25

Specific Conductance (EC) 1.37 0.00500 mmhos/cm 1.74 23.7 25

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Jordan A. Bynon, Project Manager



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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Foos C #11-25

Total Metals by 7196A - 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 L728449 -

DUP (L 81263-DUP)

Source: 81263

Prepared: Analyzed: 01/23/2024

Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-	0	20	
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MS (L 81263-MS)

Source: 81263

Prepared: Analyzed: 01/23/2024

Chromium, Hexavalent	34.1	2.5	mg/Kg	39.6	< 0.244	86	75-125		
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LCS (LCS)

Prepared: Analyzed: 01/23/2024

Chromium, Hexavalent	6.42	0.5	mg/Kg	8		80	75-125		
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LRB (LRB)

Prepared: Analyzed: 01/23/2024

Chromium, Hexavalent	ND	0.5	mg/Kg			-			
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8000 W 44th Ave
Wheat Ridge CO 80033

Andrew Newberry
Project Number: [none]
Project: Noble - Foos C #11-25

Notes and Definitions

U Sample is Non-Detect.

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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