



FIGURES

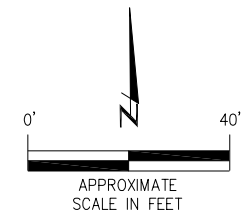
Figure 1: Soil Sample Location Map



LEGEND

- LABORATORY ANALYZED SOIL SAMPLE LOCATION
- FIELD SCREENING SOIL SAMPLE LOCATION
- EXCAVATION EXTENT

SAMPLE KEY	
EQUIPMENT TYPE	ACRONYM
WELLHEAD	WH



SOIL SAMPLE LOCATION MAP
 STORAGE UNIT 7
 40.120340/-104.070080
 SE 1/4 SW 1/4 SEC.23 T2N R60W 6PM
 MORGAN COUNTY, COLORADO
 REMEDIATION PROJECT #19186

DATE:
12/6/21
 FIG. NO.
1
 DRAWN BY:
DAC



EAGLE
 ENVIRONMENTAL
 CONSULTING, INC.
 8000 W 44th Ave, Wheat Ridge, CO 80033
 Ph: 303-433-0479 F: 303-325-3449



TABLES

Table 1: Soil Analytical Results Summary

Table 2: Polycyclic Aromatic Hydrocarbons Soil Analytical Results Summary

Table 3: Soil Suitability Soil Analytical Results Summary

Table 4: Field Data Summary Table

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
STORAGE UNIT 7
40.120340 / -104.070080
SE1/4 SW1/4 SEC.23 T2N R60W 6PM
MORGAN COUNTY, COLORADO
REMEDATION # 19186

Sample Location (Latitude, Longitude)	Date Sampled	PID Reading (ppm-v)	Approximate Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-RRO (mg/kg)
COGCC Table 915-1 Residential Screening Levels				1.20	490	5.8	58	30	27	500		
WH-FS-01@5' (40.120348, -104.070088)	9/9/2021	8.5	5	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100

COGCC = Colorado Oil and Gas Conservation Commission

Note: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.

Note: Values presented in **BOLD** contained concentrations exceeding COGCC Table 915-1 Screening Levels.

bgs = below ground surface

mg/kg = milligrams per kilogram

TVPH-GRO = Total Volatile Petroleum Hydrocarbons - Gasoline Range Organics

TEPH-DRO = Total Extractable Petroleum Hydrocarbons - Diesel Range Organics

TEPH-RRO = Total Extractable Petroleum Hydrocarbons - Residual Range Organics

TMB = Trimethylbenzene

PID = Photoionization Detector

ppm-v = parts per million by volume



TABLE 2
POLYCYCLIC AROMATIC HYDROCARBONS ANALYTICAL RESULTS SYMMARY
STORAGE UNIT 7
40.120340 / -104.070080
SE1/4 SW1/4 SEC.23 T2N R60W 6PM
MORGAN COUNTY, COLORADO
REMEDATION # 19186

Sample Location (Latitude, Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	1-Methyl- naphthalene (mg/kg)	2-Methyl- naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)- anthracene (mg/kg)	Benzo(a)- pyrene (mg/kg)	Benzo(b)- fluoranthene (mg/kg)	Benzo(k)- fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)- anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3- cd)-pyrene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
COGCC Table 915-1 Residential Screening Levels				18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	2	180
WH-FS-01@5' (40.120348, -104.070088)	9/9/2021	5.0	8.5	0.018	0.0157	0.0021	0.00103	0.000749	0.000723	0.00254	0.000252	0.00222	<0.00067	0.00231	0.01	0.000516	0.00149	0.00375
Background-01@5' (40.120535, -104.069603)	9/9/2021	5.0	0	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067

COGCC = Colorado Oil and Gas Conservation Commission

mg/kg = milligrams per kilogram

Note: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.

Note: Values presented in **BOLD** contained concentrations exceeding COGCC Table 915-1 Regulatory Limits

PID = Photoionization Detector

ppm-v = parts per million by volume

TABLE 3
SOIL SUITABILITY SOIL ANALYTICAL RESULTS SUMMARY
STORAGE UNIT 7
40.120340 / -104.070080
SE1/4 SW1/4 SEC.23 T2N R60W 6PM
MORGAN COUNTY, COLORADO
REMEDATION # 19186

Sample Location (Latitude/Longitude)	Date Sampled	PID Reading (ppm-v)	Approximate Depth (feet bgs)	pH (units)	EC (mmhos/cm)	SAR (units)	Boron (mg/L)
COGCC Table 915-1 Soil Suitability for Reclamation Standards				6-8.3	<4	<6	2
WH-FS-01@5' (40.120348 -104.070088)	9/9/2021	8.5	5	8.63	0.341	0.363	<0.198
Background-01@5' (40.120535 -104.069603)	9/9/2021	0.0	5	7.99	NA	NA	NA

COGCC = Colorado Oil and Gas Conservation Commission

Note: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit.

Note: Values presented in **BOLD** contained concentrations exceeding COGCC Table 915-1 Regulatory Limits.

EC = Electrical conductivity

SAR = Sodium adsorption ratio

mmhos/cm = millimhos per centimeter

mg/L = milligrams per liter

bgs = below ground surface

NA = not analyzed

PID = Photoionization Detector

ppm-v = parts per million by volume



TABLE 4
FIELD DATA SUMMARY TABLE
STORAGE UNIT 7
40.120340 / -104.070080
SE1/4 SW1/4 SEC.23 T2N R60W 6PM
MORGAN COUNTY, COLORADO
REMEDATION # 19186

Sample ID	Date Sampled	Depth (feet bgs)	GPS Data Latitude / Longitude		VOC Concentration (ppm-v)
WH-SS-01 @4'	9/9/2021	4	40.120359	-104.070090	1.2
WH-SS-02 @4'	9/9/2021	4	40.120346	-104.070067	1.0
WH-SS-03 @4'	9/9/2021	4	40.120335	-104.070090	0.8
WH-SS-04 @4'	9/9/2021	4	40.120343	-104.070114	13.2
WH-FS-01 @5'	9/9/2021	5	40.120346	-104.070090	8.5
Background-01 @5'	9/9/2021	5	40.205430	-104.069650	0.0

GPS = Global positioning system (provided in decimal degrees utilizing World Geodetic System (WGS) 84 UTM Zone 13 North

VOC = Volatile organic compound

ppm-v = parts per million by volume

bgs = below ground surface



ATTACHMENT A

Laboratory Analytical Reports



September 21, 2021

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Storage Unit 7

Project Number - [none]

Attached are your analytical results for Storage Unit 7 received by Origins Laboratory, Inc. September 09, 2021. This project is associated with Origins project number Y109193-01.

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

Martin C Eckert III

Project Number: [none]

Project: Storage Unit 7

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@5'	Y109193-01	Soil	September 9, 2021 9:39	09/09/2021 15:53

PAH added per the phone call from Daniel on 09/16/21. JEP

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.

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

ORIGINS

LABORATORY, INC

www.originslaboratory.com

page 1 of 1

Client: Eagle Environmental

Address: 8000 W 44th Ave

West Ridge

Telephone Number: 303 433 0479

Email Address: MCC3@eagle-enviro.com

Project Manager: Martin Eckert III

Project Name: Storage Unit 7

Project Number: -

Samples Collected By: KF

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions
				HCl	HNO ₃	Other	Groundwater	Soil	Air Summair #	Other	BTEX N.	TPH	PHECARS		
WH-FS-0105	9/9/21	0939	2	X					X			X	X	pHECARS by Schedule postrep	1
															2
															3
															4
															5
															6
															7
															8
															9
															10
Relinquished By: <i>[Signature]</i>	Date: 9/9/21	Time: 1550							Received By: <i>[Signature]</i>	Date: 9/9/21	Time: 1553	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard			
Relinquished By:	Date:	Time:							Received By:	Date:	Time:				

Temp Received: 4.0

Date Results Needed

Origins Laboratory, Inc.

Imen

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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

Origins Laboratory

Origins Work Order: Y109193

Checklist Completed by: Jim

Date/Time completed: 9-10-11

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

Cooler Number/Temperature: 1,4 °C / _____ °C (Describe) _____ °C

Thermometer ID: T603

Sample Receipt Checklist

Client: Eagle

Client Project ID: Storage Unit 7

Shipped Via: HD

Airbill #: 1111

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

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 5°C ⁽¹⁾ ?	<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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<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 ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager): Jim

Date/Time Reviewed: 9/13/11

Origins Laboratory, Inc.

Jim

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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

WH-FS-01@5'

9/9/2021 9:39:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y109193-01 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.198	mg/L	1	B111302	KAP	09/13/2021	09/13/2021	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B111008	kdk	09/10/2021	09/11/2021	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	kdk	"	"	U

Surrogate: o-Terphenyl	81.1 %	50-150			"	"	"	
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GBTEX+TMBs

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B111007	KDK	"	09/14/2021	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Benzene	ND	0.00200	"	"	"	KDK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	KDK	"	"	U
Toluene	ND	0.00200	"	"	"	KDK	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	KDK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130			"	"	"	
Surrogate: Toluene-d8	90.8 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"	

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

WH-FS-01@5'

9/9/2021 9:39:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y109193-01 (Soil)

Metals by Saturated Paste

Calcium	1.97	0.499	meq/L	10	[CALC]	KAP	09/14/2021	09/15/2021
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	ND	0.435	"	"	"	KAP	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.018	0.00067	mg/Kg	1	L574997		09/20/2021	09/20/2021
2-Methylnaphthalene	0.0157	0.00067	"	"	"		"	"
Acenaphthene	0.0021	0.00067	"	"	"		"	"
Anthracene	0.00103	0.00067	"	"	"		"	"
Benzo(a)anthracene	0.000749	0.00067	"	"	"		"	"
Benzo(a)pyrene	0.000723	0.00067	"	"	"		"	"
Benzo(b)fluoranthene	0.00254	0.00067	"	"	"		"	"
Benzo(k)fluoranthene	0.000252	0.00067	"	"	"		"	"
Chrysene	0.00222	0.00067	"	"	"		"	"
Dibenz(a,h)anthracene	ND	0.00067	"	"	"		"	"
Fluoranthene	0.00231	0.00067	"	"	"		"	"
Fluorene	0.01	0.00067	"	"	"		"	"
Indeno(1,2,3-cd)pyrene	0.000516	0.00067	"	"	"		"	"
Naphthalene	0.00149	0.00067	"	"	"		"	"
Pyrene	0.00375	0.00067	"	"	"		"	"

Surrogate: 2-Fluorobiphenyl
Surrogate: 4-Terphenyl-d14
Origins Laboratory, Inc.

103 % 33-115
104 % 33-122

" "
" "

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

WH-FS-01@5'

9/9/2021 9:39:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y109193-01 (Soil)

PAH by 8270D SIM

Surrogate: Nitrobenzene-d5	79.8 %	29-110			L5749 97	09/20/2021	09/20/2021
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pH in Soil by 9045D

pH	8.63	pH Units	1	B111401	JSM	09/14/2021	09/14/2021
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SAR by 20B Saturated Paste

SAR	0.363	SAR	1	B111411	KAP	09/14/2021	09/15/2021
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.341	0.00500 mmhos/cm	1	B111406	JSM	09/14/2021	09/14/2021
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B111007 - EPA 5030 (soil)										
Blank (B111007-BLK1)					Prepared: 09/10/2021 Analyzed: 09/14/2021					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
Naphthalene	ND	0.00380	"							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	0.11		"	0.125		88.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B111007 - EPA 5030 (soil)										
LCS (B111007-BS1)					Prepared: 09/10/2021 Analyzed: 09/14/2021					
1,2,4-Trimethylbenzene	0.0440	0.00200	mg/kg	0.0500		88.0	70-130			
Naphthalene	0.0457	0.0100	"	0.0500		91.5	70-130			
1,3,5-Trimethylbenzene	0.0440	0.00200	"	0.0500		88.0	70-130			
Benzene	0.0516	0.00200	"	0.0500		103	70-130			
Ethylbenzene	0.0484	0.00200	"	0.0500		96.7	70-130			
m,p-Xylene	0.0954	0.00400	"	0.100		95.4	70-130			
o-Xylene	0.0476	0.00200	"	0.0500		95.2	70-130			
Toluene	0.0435	0.00200	"	0.0500		86.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		109	70-130			

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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 B111007 - EPA 5030 (soil)

Matrix Spike (B111007-MS1)		Source: Y109190-01			Prepared: 09/10/2021 Analyzed: 09/14/2021					
1,2,4-Trimethylbenzene	0.0550	0.00200	mg/kg	0.0500	0.00208	106	70-130			
Naphthalene	0.0659	0.0100	"	0.0500	0.00254	127	70-130			
1,3,5-Trimethylbenzene	0.0430	0.00200	"	0.0500	0.000580	84.8	70-130			
Benzene	0.0628	0.00200	"	0.0500	ND	126	70-130			
Ethylbenzene	0.0463	0.00200	"	0.0500	ND	92.6	70-130			
m,p-Xylene	0.0937	0.00400	"	0.100	ND	93.7	70-130			
o-Xylene	0.0466	0.00200	"	0.0500	ND	93.2	70-130			
Toluene	0.0490	0.00200	"	0.0500	ND	97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.5	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B111007 - EPA 5030 (soil)										
Matrix Spike Dup (B111007-MSD1)		Source: Y109190-01			Prepared: 09/10/2021 Analyzed: 09/14/2021					
1,2,4-Trimethylbenzene	0.0548	0.00200	mg/kg	0.0500	0.00208	105	70-130	0.255	20	
Naphthalene	0.0534	0.0100	"	0.0500	0.00254	102	70-130	21.1	20	QR-03
1,3,5-Trimethylbenzene	0.0512	0.00200	"	0.0500	0.000580	101	70-130	17.5	20	
Benzene	0.0760	0.00200	"	0.0500	ND	152	70-130	19.0	20	QM-07
Ethylbenzene	0.0571	0.00200	"	0.0500	ND	114	70-130	20.8	20	QR-03
m,p-Xylene	0.114	0.00400	"	0.100	ND	114	70-130	19.8	20	
o-Xylene	0.0580	0.00200	"	0.0500	ND	116	70-130	21.8	20	QR-03
Toluene	0.0596	0.00200	"	0.0500	ND	119	70-130	19.6	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.6	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		90.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B111008 - EPA 3550B										
Blank (B111008-BLK1)					Prepared: 09/10/2021 Analyzed: 09/11/2021					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	19		"	25.0		76.4	50-150			

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Storage Unit 7

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 B111008 - EPA 3550B

LCS (B111008-BS1)

Prepared: 09/10/2021 Analyzed: 09/11/2021

Diesel (C10-C28)	773	50.0	mg/kg	1000		77.3	70-130			
Residual Range Organics (C28-C40)	810	200	"	1000		81.0	70-130			
Surrogate: o-Terphenyl	40		"	50.0		80.6	50-150			

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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 B111008 - EPA 3550B

Matrix Spike (B111008-MS1)		Source: Y109190-01			Prepared: 09/10/2021 Analyzed: 09/11/2021					
Diesel (C10-C28)	792	50.0	mg/kg	1000	ND	79.2	70-130			
Residual Range Organics (C28-C40)	829	200	"	1000	ND	82.9	70-130			
Surrogate: o-Terphenyl	40		"	50.0		79.6	50-150			

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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 B111008 - EPA 3550B

Matrix Spike Dup (B111008-MSD1)		Source: Y109190-01			Prepared: 09/10/2021 Analyzed: 09/11/2021					
Diesel (C10-C28)	752	50.0	mg/kg	1000	ND	75.2	70-130	5.21	35	
Residual Range Organics (C28-C40)	802	200	"	1000	ND	80.2	70-130	3.36	35	
Surrogate: o-Terphenyl	40		"	50.0		80.9	50-150			

Origins Laboratory, Inc.



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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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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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 B111401 - NO PREP

Duplicate (B111401-DUP1)

Source: Y109168-02

Prepared: 09/14/2021 Analyzed: 09/14/2021

pH	8.16		pH Units	8.08		0.985	25
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Batch B111406 - NO PREP

Blank (B111406-BLK1)

Prepared: 09/14/2021 Analyzed: 09/14/2021

Specific Conductance (EC)	0.00350	0.00500	mmhos/cm
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Duplicate (B111406-DUP1)

Source: Y109168-02

Prepared: 09/14/2021 Analyzed: 09/14/2021

Specific Conductance (EC)	6.94	0.00500	mmhos/cm	6.83		1.52	25
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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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L574997 - 3550B

MSD (L 89147-MSD-L574997)		Source: 89147			Prepared: 09/20/2021 Analyzed: 09/20/2021					
Chrysene	0.138	0.00027	mg/Kg	0.164	0.000937	83.5	30-130	50.1	30	
1-Methylnaphthalene	0.117	0.00033	"	0.164	0.00103	70.7	30-130	44.7	30	
2-Methylnaphthalene	0.117	0.00039	"	0.164	0.00136	70.5	30-130	44.2	30	
Acenaphthene	0.116	0.0003	"	0.164	<0.000300	70.7	30-130	47	30	
Anthracene	0.142	0.00033	"	0.164	<0.000330	86.5	30-130	48.3	30	
Benzo(a)anthracene	0.17	0.00041	"	0.164	0.000534	104	30-130	53	30	
Pyrene	0.146	0.00059	"	0.164	0.000652	89	30-130	50.9	30	
Benzo(b)fluoranthene	0.155	0.00021	"	0.164	0.00101	93.8	30-130	46.5	30	
Naphthalene	0.111	0.000467	"	0.164	0.000478	67.6	30-130	42	30	
Indeno(1,2,3-cd)pyrene	0.16	0.00029	"	0.164	0.00101	96.9	30-130	49.3	30	
Fluorene	0.131	0.00029	"	0.164	0.000372	79.8	30-130	50.3	30	
Fluoranthene	0.155	0.00039	"	0.164	0.000494	94.5	30-130	48.9	30	
Dibenz(a,h)anthracene	0.158	0.00036	"	0.164	0.00125	95.5	30-130	48.3	30	
Benzo(k)fluoranthene	0.12	0.00013	"	0.164	0.00066	73.1	30-130	41	30	
Benzo(a)pyrene	0.173	0.00014	"	0.164	0.00059	105	30-130	54.3	30	
Surrogate: 2-Fluorobiphenyl	90.2		"	0.329	333	90.2	33-115			
Surrogate: 4-Terphenyl-d14	111		"	0.329	362	111	33-122			
Surrogate: Nitrobenzene-d5	65.6		"	0.329	263	65.6	29-110			

MS (L 89147-MS-L574997)		Source: 89147			Prepared: 09/20/2021 Analyzed: 09/20/2021					
Benzo(b)fluoranthene	0.0965	0.00021	mg/Kg	0.166	0.00101	57.5	30-130			
Dibenz(a,h)anthracene	0.0965	0.00036	"	0.166	0.00125	57.3	30-130			
Pyrene	0.0867	0.00059	"	0.166	0.000652	52.2	30-130			
Naphthalene	0.0724	0.000467	"	0.166	0.000478	43.6	30-130			
Indeno(1,2,3-cd)pyrene	0.0967	0.00029	"	0.166	0.00101	57.6	30-130			
Fluorene	0.0783	0.00029	"	0.166	0.000372	47.1	30-130			
Fluoranthene	0.094	0.00039	"	0.166	0.000494	56.6	30-130			

Origins Laboratory, Inc.

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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L574997 - 3550B

MS (L 89147-MS-L574997)		Source: 89147			Prepared: 09/20/2021 Analyzed: 09/20/2021					
2-Methylnaphthalene	0.0746	0.00039	mg/Kg	0.166	0.00136	44.1	30-130			
Benzo(a)pyrene	0.0991	0.00014	"	0.166	0.00059	59.6	30-130			
Benzo(a)anthracene	0.0987	0.00041	"	0.166	0.000534	59.4	30-130			
Anthracene	0.0867	0.00033	"	0.166	<0.000330	52.2	30-130			
Acenaphthene	0.0718	0.0003	"	0.166	<0.000300	43.2	30-130			
Benzo(k)fluoranthene	0.0791	0.00013	"	0.166	0.00066	47.6	30-130			
1-Methylnaphthalene	0.0742	0.00033	"	0.166	0.00103	44	30-130			
Chrysene	0.0827	0.00027	"	0.166	0.000937	49.2	30-130			
Surrogate: Nitrobenzene-d5	50.1		"	0.331	263	50.1	29-110			
Surrogate: 4-Terphenyl-d14	72.8		"	0.331	362	72.8	33-122			
Surrogate: 2-Fluorobiphenyl	58.6		"	0.331	333	58.6	33-115			

LCS (LCS-L574997)

Prepared: 09/20/2021 Analyzed: 09/20/2021

Dibenz(a,h)anthracene	0.171	0.00036	mg/Kg	0.167		102	30-130
Fluoranthene	0.161	0.00039	"	0.167		96.4	30-130
Fluorene	0.15	0.00029	"	0.167		89.8	30-130
Indeno(1,2,3-cd)pyrene	0.169	0.00029	"	0.167		101	30-130
Naphthalene	0.14	0.000467	"	0.167		83.8	30-130
Pyrene	0.149	0.00059	"	0.167		89.2	30-130
Acenaphthene	0.137	0.0003	"	0.167		82	30-130
Chrysene	0.151	0.00027	"	0.167		90.4	30-130
Benzo(b)fluoranthene	0.161	0.00021	"	0.167		96.4	30-130
Benzo(a)pyrene	0.184	0.00014	"	0.167		110	30-130
Anthracene	0.15	0.00033	"	0.167		89.8	30-130
2-Methylnaphthalene	0.143	0.00039	"	0.167		85.6	30-130
1-Methylnaphthalene	0.142	0.00033	"	0.167		85	30-130
Benzo(a)anthracene	0.177	0.00041	"	0.167		106	30-130

Origins Laboratory, Inc.

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

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

Martin C Eckert III
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L574997 - 3550B										
LCS (LCS-L574997)					Prepared: 09/20/2021 Analyzed: 09/20/2021					
Benzo(k)fluoranthene	0.158	0.00013	mg/Kg	0.167		94.6	30-130			
Surrogate: Nitrobenzene-d5	96		"	0.333		96	29-110			
Surrogate: 4-Terphenyl-d14	120		"	0.333		120	33-122			
Surrogate: 2-Fluorobiphenyl	127		"	0.333		127	33-115			*
LRB (LRB-L574997)					Prepared: 09/20/2021 Analyzed: 09/20/2021					
Pyrene	ND	0.00067	mg/Kg				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Naphthalene	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	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	87.6		"	0.333		87.6	29-110			
Surrogate: 4-Terphenyl-d14	113		"	0.333		113	33-122			
Surrogate: 2-Fluorobiphenyl	113		"	0.333		113	33-115			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Storage Unit 7

Notes and Definitions

U Sample is Non-Detect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

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

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



October 06, 2021

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Storage Unit 7

Project Number - [none]

Attached are your analytical results for Storage Unit 7 received by Origins Laboratory, Inc. September 22, 2021. This project is associated with Origins project number Y109479-01.

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: [none]

Project: Storage Unit 7

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-01@5'	Y109479-01	Soil	September 9, 2021 17:38	09/22/2021 16:50

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: Storage Unit 7

ORIGINS
LABORATORY, INC.

Client: Eagle Environmental Consulting
Address: 8000 W 4th Ave.,
Westridge, CO 80033
Telephone Number: (303) 433-0479
Email Address: dcoloccia@eagle-environment.com

www.originslaboratory.com

4109479

page | of |

Project Manager: D. Coloccia
Project Name: Storage Unit 7
Project Number: —
Samples Collected By: KF

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative					Matrix				Analysis			Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	PAH's	PH			
Background-0105'	9/9/21	1738	1	X					X			X	X			1
																2
																3
																4
																5
																6
																7
																8
																9
																10
Relinquished By: <i>Drcl</i>	Date: 9/22/21	Time: 16:50		Time: 16:50	Received By: <i>KA</i>	Date: 9-22-21	Time: 16:50	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> Standard								
Relinquished By:	Date:	Time:		Time:	Received By:	Date:	Time:									

Date Results Needed

Temp Received- 4.5

Origins Laboratory, Inc.

Intent

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

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Storage Unit 7

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: Y1109479

Client: Eagle
Client Project ID: Storage Unit 7

Checklist Completed by: dm

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

Date/time completed: 9-23-21

Airbill #: N/A

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

Cooler Number/Temperature: 1 4.5 °C / °C / °C (Describe) °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<u>X</u>			
Is there ice present (document if blue ice is used)	<u>X</u>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<u>X</u>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<u>X</u>		
Were all samples received intact ⁽¹⁾ ?	<u>X</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>X</u>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<u>X</u>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>X</u>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<u>X</u>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<u>X</u>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<u>X</u>	
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): dm

Date/Time Reviewed: 9-23-21

Origins Laboratory, Inc.

Jordan A. Merrill

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

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

Dan Coloccia
Project Number: [none]
Project: Storage Unit 7

Background-01@5'

9/9/2021 5:38:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc. Y109479-01 (Soil)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00067	mg/Kg	1	L575976		09/27/2021	09/27/2021
2-Methylnaphthalene	ND	0.00067	"	"	"		"	"
Acenaphthene	ND	0.00067	"	"	"		"	"
Anthracene	ND	0.00067	"	"	"		"	"
Benzo(a)anthracene	ND	0.00067	"	"	"		"	"
Benzo(a)pyrene	ND	0.00067	"	"	"		"	"
Benzo(b)fluoranthene	ND	0.00067	"	"	"		"	"
Benzo(k)fluoranthene	ND	0.00067	"	"	"		"	"
Chrysene	ND	0.00067	"	"	"		"	"
Dibenz(a,h)anthracene	ND	0.00067	"	"	"		"	"
Fluoranthene	ND	0.00067	"	"	"		"	"
Fluorene	ND	0.00067	"	"	"		"	"
Indeno(1,2,3-cd)pyrene	ND	0.00067	"	"	"		"	"
Naphthalene	ND	0.00067	"	"	"		"	"
Pyrene	ND	0.00067	"	"	"		"	"

Surrogate: 2-Fluorobiphenyl	66.7 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	96.1 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	65.2 %	29-110	"	"	"

pH by Saturated Paste

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Storage Unit 7

Background-01@5'

9/9/2021 5:38:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Waypoint Analytical, LLC.

Y109479-01 (Soil)

pH by Saturated Paste

pH (Sat Paste)	7.99	s.u.	L577275	09/09/2021
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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L575976 - 3550B

MSD (L 92375-MSD-L575976)		Source: 92375			Prepared: 09/27/2021 Analyzed: 09/27/2021					
Fluoranthene	0.135	0.00039	mg/Kg	0.166	<0.000390	81.3	30-130	6.8	30	
1-Methylnaphthalene	0.119	0.00033	"	0.166	<0.000330	71.6	30-130	9.6	30	
Naphthalene	0.11	0.000467	"	0.166	<0.000467	66.2	30-130	8.5	30	
Fluorene	0.129	0.00029	"	0.166	<0.000290	77.7	30-130	10.6	30	
Pyrene	0.137	0.00059	"	0.166	<0.000590	82.5	30-130	7.5	30	
Dibenz(a,h)anthracene	0.143	0.00036	"	0.166	<0.000360	86.1	30-130	9.5	30	
Chrysene	0.132	0.00027	"	0.166	<0.000270	79.5	30-130	7.8	30	
Benzo(k)fluoranthene	0.11	0.00013	"	0.166	<0.000130	66.2	30-130	6.5	30	
2-Methylnaphthalene	0.11	0.00039	"	0.166	<0.000390	66.2	30-130	8.5	30	
Indeno(1,2,3-cd)pyrene	0.122	0.00029	"	0.166	<0.000290	73.4	30-130	9.4	30	
Benzo(b)fluoranthene	0.113	0.00021	"	0.166	<0.000210	68	30-130	14.6	30	
Acenaphthene	0.121	0.0003	"	0.166	<0.000300	72.8	30-130	9.5	30	
Anthracene	0.129	0.00033	"	0.166	<0.000330	77.7	30-130	7.2	30	
Benzo(a)anthracene	0.129	0.00041	"	0.166	<0.000410	77.7	30-130	8	30	
Benzo(a)pyrene	0.153	0.00014	"	0.166	<0.000140	92.1	30-130	7.4	30	
Surrogate: Nitrobenzene-d5	76.4		"	0.331	255	76.4	29-110			
Surrogate: 2-Fluorobiphenyl	80.3		"	0.331	256	80.3	33-115			
Surrogate: 4-Terphenyl-d14	94.8		"	0.331	319	94.8	33-122			

MS (L 92375-MS-L575976)		Source: 92375			Prepared: 09/27/2021 Analyzed: 09/27/2021					
Benzo(b)fluoranthene	0.0976	0.00021	mg/Kg	0.165	<0.000210	59.1	30-130			
Indeno(1,2,3-cd)pyrene	0.111	0.00029	"	0.165	<0.000290	67.2	30-130			
Fluorene	0.116	0.00029	"	0.165	<0.000290	70.3	30-130			
Fluoranthene	0.126	0.00039	"	0.165	<0.000390	76.3	30-130			
Dibenz(a,h)anthracene	0.13	0.00036	"	0.165	<0.000360	78.7	30-130			
Chrysene	0.122	0.00027	"	0.165	<0.000270	73.9	30-130			
Benzo(k)fluoranthene	0.103	0.00013	"	0.165	<0.000130	62.4	30-130			

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PAH by 8270D SIM - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L575976 - 3550B

MS (L 92375-MS-L575976)		Source: 92375			Prepared: 09/27/2021 Analyzed: 09/27/2021					
Naphthalene	0.101	0.000467	mg/Kg	0.165	<0.000467	61.2	30-130			
Benzo(a)pyrene	0.142	0.00014	"	0.165	<0.000140	86	30-130			
Benzo(a)anthracene	0.119	0.00041	"	0.165	<0.000410	72.1	30-130			
Anthracene	0.12	0.00033	"	0.165	<0.000330	72.7	30-130			
Acenaphthene	0.11	0.0003	"	0.165	<0.000300	66.6	30-130			
2-Methylnaphthalene	0.101	0.00039	"	0.165	<0.000390	61.2	30-130			
1-Methylnaphthalene	0.108	0.00033	"	0.165	<0.000330	65.4	30-130			
Pyrene	0.127	0.00059	"	0.165	<0.000590	76.9	30-130			
Surrogate: 4-Terphenyl-d14	91.8		"	0.33	319	91.8	33-122			
Surrogate: Nitrobenzene-d5	70		"	0.33	255	70	29-110			
Surrogate: 2-Fluorobiphenyl	73.3		"	0.33	256	73.3	33-115			

LCS (LCS-L575976)

Prepared: 09/27/2021 Analyzed: 09/27/2021

Fluoranthene	0.136	0.00039	mg/Kg	0.167		81.4	30-130
1-Methylnaphthalene	0.122	0.00033	"	0.167		73	30-130
Naphthalene	0.115	0.000467	"	0.167		68.8	30-130
Fluorene	0.128	0.00029	"	0.167		76.6	30-130
Pyrene	0.135	0.00059	"	0.167		80.8	30-130
Dibenz(a,h)anthracene	0.128	0.00036	"	0.167		76.6	30-130
Chrysene	0.129	0.00027	"	0.167		77.2	30-130
Benzo(k)fluoranthene	0.0989	0.00013	"	0.167		59.2	30-130
2-Methylnaphthalene	0.114	0.00039	"	0.167		68.2	30-130
Benzo(a)pyrene	0.151	0.00014	"	0.167		90.4	30-130
Benzo(a)anthracene	0.127	0.00041	"	0.167		76	30-130
Anthracene	0.129	0.00033	"	0.167		77.2	30-130
Acenaphthene	0.122	0.0003	"	0.167		73	30-130
Benzo(b)fluoranthene	0.107	0.00021	"	0.167		64	30-130

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Dan Coloccia
Project Number: [none]
Project: Storage Unit 7

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L575976 - 3550B										
LCS (LCS-L575976)					Prepared: 09/27/2021 Analyzed: 09/27/2021					
Indeno(1,2,3-cd)pyrene	0.108	0.00029	mg/Kg	0.167		64.6	30-130			
Surrogate: Nitrobenzene-d5	81		"	0.333		81	29-110			
Surrogate: 4-Terphenyl-d14	101		"	0.333		101	33-122			
Surrogate: 2-Fluorobiphenyl	85.5		"	0.333		85.5	33-115			
LRB (LRB-L575976)					Prepared: 09/27/2021 Analyzed: 09/27/2021					
Chrysene	ND	0.00067	mg/Kg				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Benzo(k)fluoranthene	0.000444	0.00067	"				-			J
Naphthalene	ND	0.00067	"				-			
Benzo(b)fluoranthene	0.000318	0.00067	"				-			J
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	69.6		"	0.333		69.6	29-110			
Surrogate: 4-Terphenyl-d14	89.4		"	0.333		89.4	33-122			
Surrogate: 2-Fluorobiphenyl	73.8		"	0.333		73.8	33-115			

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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Storage Unit 7

Notes and Definitions

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 at a wet weight basis.

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ATTACHMENT B

COGCC Closure Checklist

Wellhead Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional):		Pit Closure		Tank Battery Closure		Flowline Closure		Partially Buried Vault Closure
Site Name & COGCC Facility Number: <u>Storage Unit 7</u>		Date: <u>9/9/21</u>		Remediation Project #: <u>19186</u>				
Associated Wells: <u>1</u>		Age of Site:			Number of Photos Attached:			
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple) <u>40.120349, -101.070080</u>							Estimated Facility Size (acres):	
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) <u>Good</u>								
USCS Soil Type:				Estimated Depth to Groundwater: <u>>20'</u>				
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) <u>None observed</u>								
Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) <u>None observed</u>								
Wellhead(s)								
Well API	<u>087-07065</u>							
Age								
Condition of surface around wellhead	<u>Good</u>							
PID Readings								
Condition of subsurface (estimating necessary)	<u>Good</u>							
PID Readings	<u>1.2</u>	<u>1.0</u>	<u>0.8</u>	<u>13.2</u>	<u>8.5</u>			
Sample taken? Location/Sample ID#	<u>WH-SS-0104</u>	<u>WH-SS-0204</u>	<u>WH-SS-0304</u>	<u>WH-SS-0404</u>	<u>WH-FS-0105</u>			
Photo Number(s)								
Other observations regarding wellheads:								
Summary								
Was impacted soil identified? <u>No</u> Yes - less than 10 cubic yards Yes - more than 10 cubic yards								
Total number of samples field screened: <u>5</u>				Total number of samples collected: <u>5</u>				
Highest PID Reading: <u>13.2</u>				Total number of samples submitted to lab for analysis: <u>1</u>				
If more than 10 cubic yards of impacted soil were observed:								
Vertical extent:				Estimated spill volume:				
Lateral extent:				Volume of soil removed:				
Is additional investigation required?								
Was groundwater encountered during the investigation? No Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils								
Measured depth to groundwater:				Was remedial groundwater removal conducted? Yes No				
Date Groundwater was encountered:				Commencement date of removal:				
Shewn on groundwater? Yes No				Volume of groundwater removed prior to sampling:				
Free product observed? Yes No				Volume of groundwater removed post sampling:				
Total number of samples collected:				Total Volume of groundwater removed:				
Total number of samples submitted to lab for analysis:								



ATTACHMENT C

Photographic Log

Storage Unit 7 Photographic Log Remediation #19186

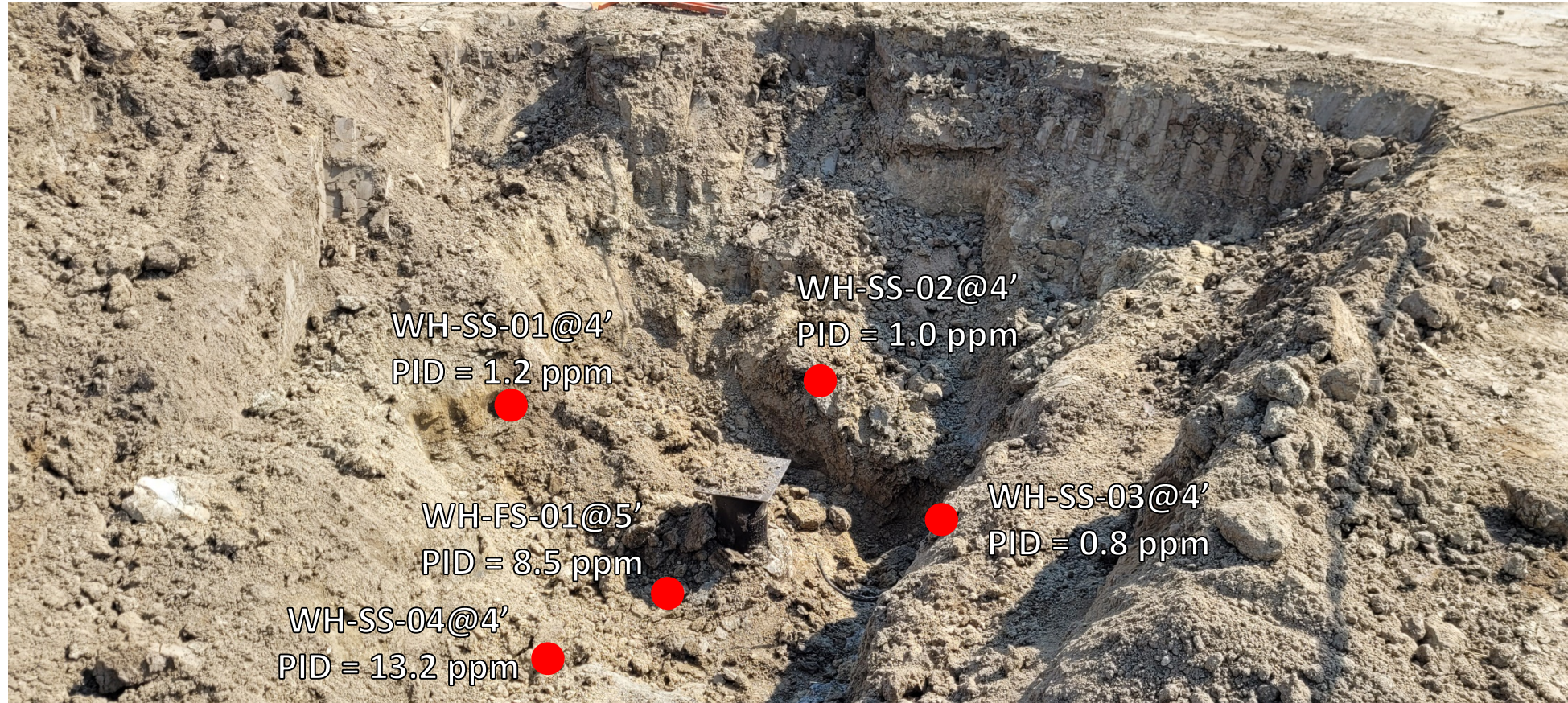
Wellhead Decommissioning



EAGLE
ENVIRONMENTAL
CONSULTING, INC.

8000 W 44th Ave, Wheat Ridge, CO 80033
Ph: 303-433-0479 • F: 303-325-5449

Wellhead



Wellhead facing east.
Wellhead Sample Location
PID = photoionization detector
ppm = parts per million