

Wellhead Closure Checklist						
COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form						
Additional attachments (optional):		Pit Closure		Tank Battery Closure		Flowline Closure
Site Name & COGCC Facility Number: Sater USX CC #19-23		Date: 03/31/23				Remediation Project #: 26899
Associated Wells: 05-123-24129		Age of Site: Years				Number of Photos Attached: 1
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple)					40.294090 / -104.475800	
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)						
Good Condition						
USCS Soil Type: SC				Estimated Depth to Groundwater: ~20-30'		
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)						
None observed.						
Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)						
None observed.						
Wellhead(s)						
Well API	05-123-24129					
Age	Years					
Condition of surface around wellhead	Good - Per Crew					
PID Readings	N/A - Excavated Upon Arrival					
Condition of subsurface (staining present)	Good - No Odor/Staining					
PID Readings	1.0	0.8	1.4	1.1	1.8	
Sample taken? Location/Sample ID#	WH-SS-01	WH-SS-02	WH-SS-03	WH-SS-04	WH-FS-01	
Photo Number(s)	See photolog					
Other observations regarding wellheads:						
Well casing cut/capped following assessment.						
Summary						
Was impacted soil identified?						
<input checked="" type="checkbox"/> No Yes - less than 10 cubic yards Yes - more than 10 cubic yards						
Total number of samples field screened: 5				Total number of samples collected: 5		
Highest PID Reading: 1.8				Total number of samples submitted to lab for analysis: 1		
If more than 10 cubic yards of impacted soil were observed:						
Vertical extent:				Estimated spill volume:		
Lateral extent: N/A				Volume of soil removed:		
Is additional investigation required?						
Was groundwater encountered during the investigation?						
<input checked="" type="checkbox"/> 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:		
Sheen 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:						

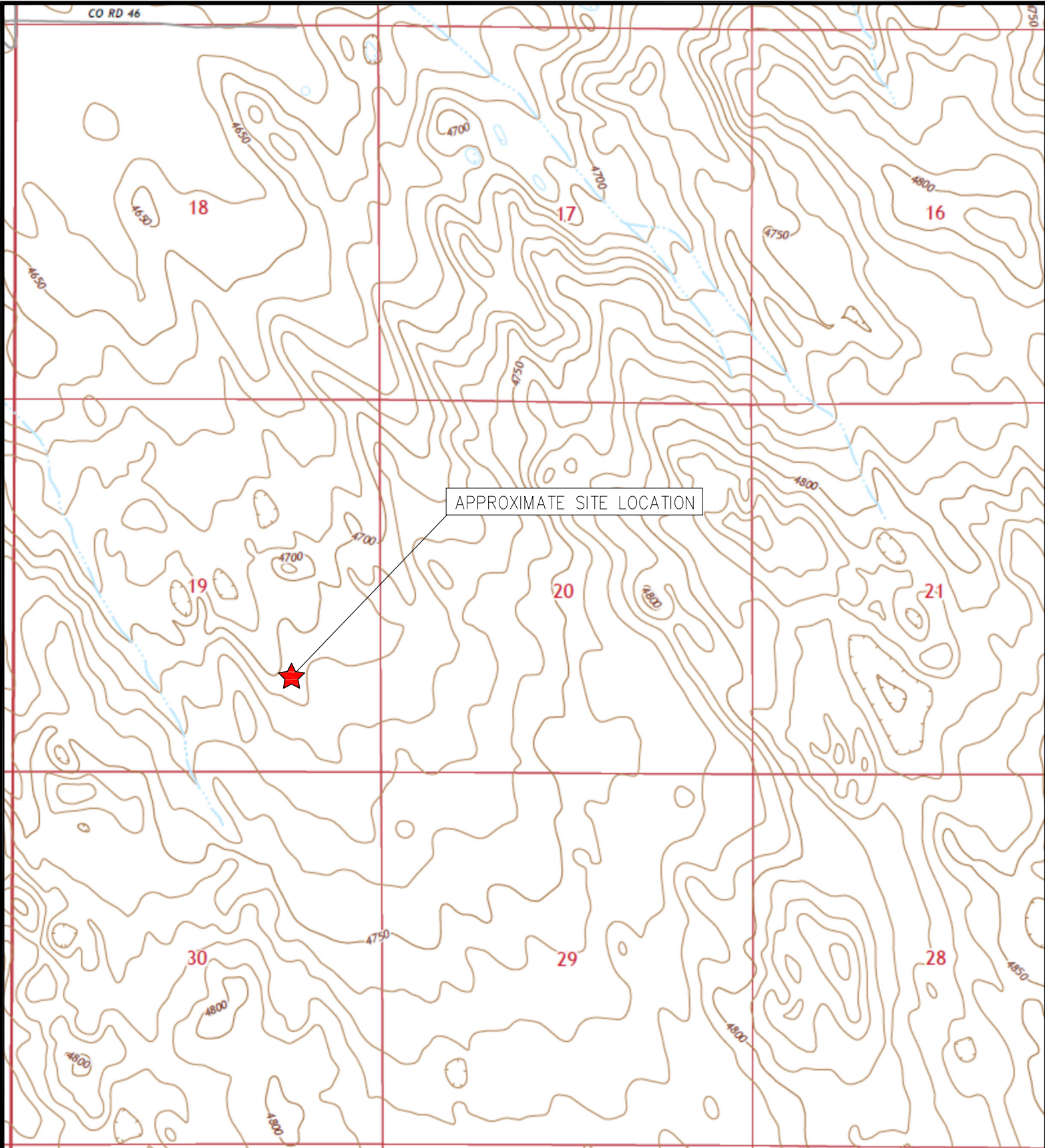


FIGURES

Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Soil Analytical Map



TOPOGRAPHIC SITE LOCATION MAP
 SATER USX CC #19-23
 CLOSURE ASSESSMENT
 40.294090 / -104.475800
 NW¼ SE¼ SEC.19 T4N R63W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-24129
 REMEDIATION # 26899



EAGLE
 ENVIRONMENTAL
 CONSULTING, LLC

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

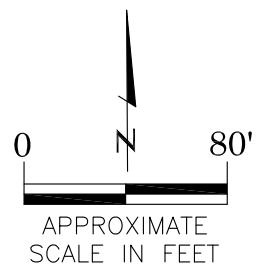
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP
 HARDIN, CO QUADRANGLE 2022

FIGURE NO. 1



LEGEND

- FORMER SATER USX CC #19-23 WELLHEAD (PLUGGED AND ABANDONED)
- ASSOCIATED SEPARATOR
- APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP

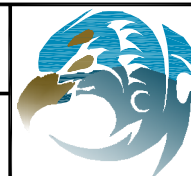
SATER USX CC #19-23
 CLOSURE ASSESSMENT
 40.294090 / -104.475800
 NW¼ SE¼ SEC.19 T4N R63W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-24129
 REMEDIATION # 26899

FIGURE NO.

2

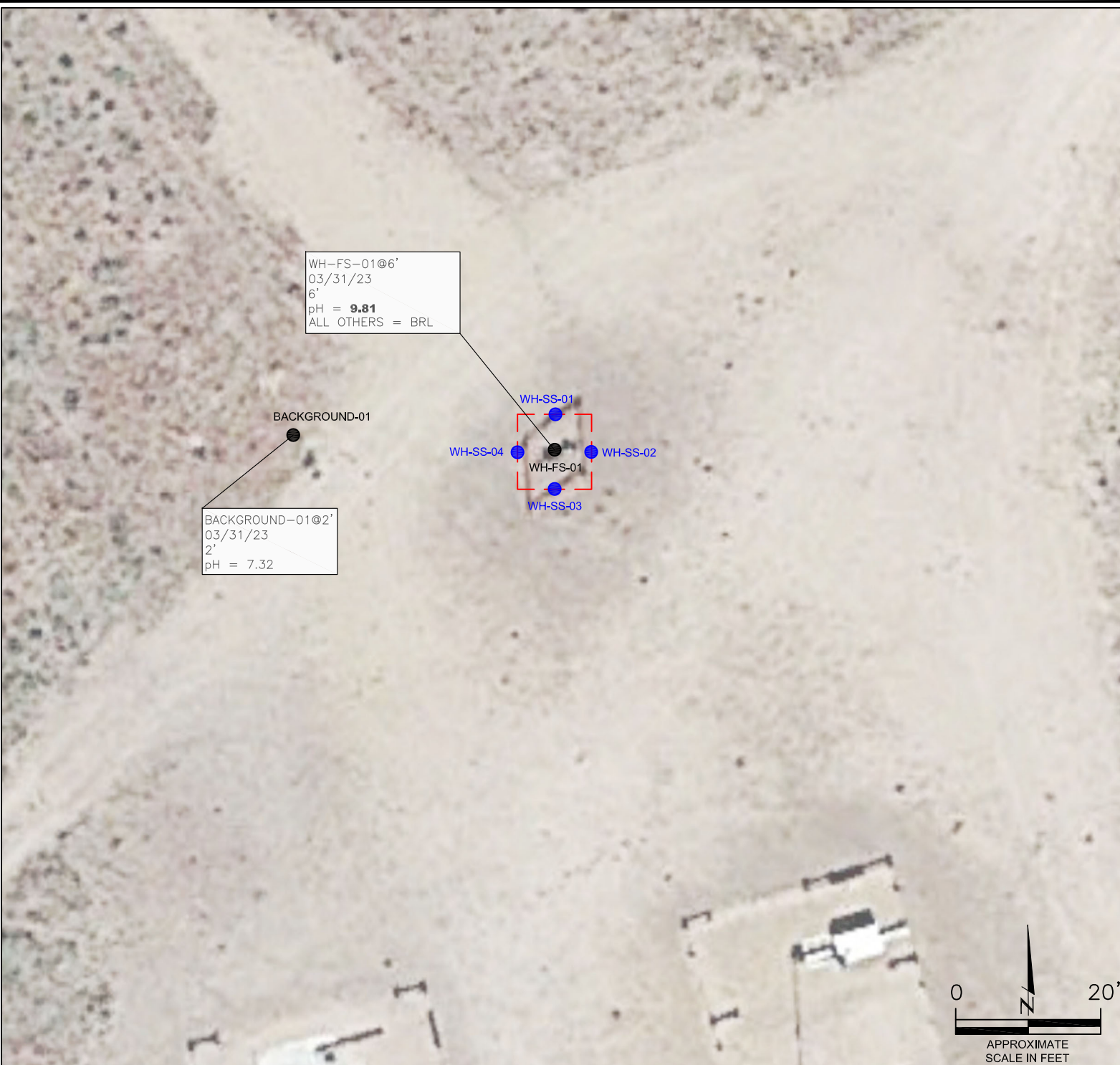
DRAWN BY:

JF



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LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION
DATE
DEPTH (FEET)
B = BENZENE (mg/kg)
T = TOLUENE (mg/kg)
E = ETHYLBENZENE (mg/kg)
X = TOTAL XYLENES (mg/kg)
G = TPH-GRO (mg/kg)
D = TPH-DRO (mg/kg)
R = TPH-RRO (mg/kg)
1,2,4-TMB = 1,2,4 TRIMETHYLBENZENE (mg/kg)
1,3,5-TMB = 1,3,5 TRIMETHYLBENZENE (mg/kg)
Brn= BORON (mg/L)
EC = SPECIFIC CONDUCTANCE (mmhos/cm)
SAR= SODIUM ADSORPTION RATIO
pH = pH (pH UNITS)
PAHs = POLYCYCLIC AROMATIC HYDROCARBONS (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

mg/L = MILLIGRAMS PER LITER

mmhos/cm = MILLIMHOS PER CENTIMETER

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS

TPH-DRO = TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE ORGANICS

TPH-RRO = TOTAL PETROLEUM HYDROCARBONS - RESIDUAL RANGE ORGANICS

BRL = VALUES BELOW REGULATORY LIMIT

NOTES:
VALUES PRESENTED IN **BOLD** EXCEED ECOM TABLE 915-1 REGULATORY LIMITS.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL ANALYTICAL MAP
SATER USX CC #19-23
CLOSURE ASSESSMENT
40.294090 / -104.475800
NW¼ SE¼ SEC.19 T4N R63W 6PM
WELD COUNTY, COLORADO
API # 05-123-24129
REMEDATION # 26899

FIGURE NO.
3

DRAWN BY:
JF



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TABLES

Table 1: Photoionization Detector Reading Summary

Table 2: Soil Analytical Results Summary

TABLE 1
PHOTOIONIZATION DETECTOR READING SUMMARY
SATER USX CC #19-23
CLOSURE ASSESSMENT
40.294090 / -104.475800
NW¼ SE¼ SEC.19 T4N R63W 6PM
WELD COUNTY, COLORADO
API # 05-123-24129
REMEDATION # 26899

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
WH-SS-01 @ 5' (40.294103 / -104.475796)	03/31/23	5	1.0	N
WH-SS-02 @ 5' (40.294090 / -104.475778)	03/31/23	5	0.8	N
WH-SS-03 @ 5' (40.294075 / -104.475795)	03/31/23	5	1.4	N
WH-SS-04 @ 5' (40.294091 / -104.475812)	03/31/23	5	1.1	N
WH-FS-01 @ 6' (40.294089 / -104.475796)	03/31/23	6	1.8	Y
Background-01 @ 2' (40.294097 / -104.475929)	03/31/23	2	0.7	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector				

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
SATER USX CC #19-23
CLOSURE ASSESSMENT
40.294090 / -104.475800
NW¼ SE¼ SEC.19 T4N R63W 6PM
WELD COUNTY, COLORADO
API # 05-123-24129
REMEDIATION # 26899

Sample Location				WH-FS-01 @ 6'	Background-01 @ 6'
(Latitude / Longitude)				(40.294089 / -104.475796)	(40.294097 / -104.475929)
Sample Date				3/31/2023	3/31/2023
Sample Depth				6'	2'
PID Reading (ppm-v)				1.8	0.7
Regulatory Limits					
Chemical of Concern	Units	ECMC Table 915-1 RSSLs	ECMC Table 915-1 GSSLs		
VOLATILE ORGANIC COMPOUNDS					
Benzene	mg/kg	1.2	0.0026	<0.00200	NA
Toluene	mg/kg	490	0.69	<0.00200	NA
Ethylbenzene	mg/kg	5.8	0.78	<0.00200	NA
Total Xylenes	mg/kg	58	9.9	<0.00200	NA
1,2,4-Trimethylbenzene	mg/kg	30	0.0081	<0.00200	NA
1,3,5-Trimethylbenzene	mg/kg	27	0.0087	<0.00200	NA
TOTAL PETROLEUM HYDROCARBONS					
TPH-GRO	mg/kg	500	--	<0.200	NA
TPH-DRO	mg/kg	500	--	<25.0	NA
TPH-RRO	mg/kg	500	--	<100	NA
POLYCYCLIC AROMATIC HYDROCARBONS					
1-Methyl-naphthalene	mg/kg	18	0.006	<0.00201	NA
2-Methyl-naphthalene	mg/kg	24	0.019	<0.00201	NA
Acenaphthene	mg/kg	360	0.55	<0.00067	NA
Anthracene	mg/kg	1800	5.8	<0.00067	NA
Benzo(a)-anthracene	mg/kg	1.1	0.011	<0.00067	NA
Benzo(a)-pyrene	mg/kg	0.11	0.24	<0.00067	NA
Benzo(b)-fluoranthene	mg/kg	1.1	0.3	<0.00067	NA
Benzo(k)-fluoranthene	mg/kg	11	2.9	<0.00067	NA
Chrysene	mg/kg	110	9	<0.00067	NA
Dibenzo(a,h)-anthracene	mg/kg	0.11	0.096	<0.00067	NA
Fluoranthene	mg/kg	240	8.9	<0.00067	NA
Fluorene	mg/kg	240	0.54	<0.00067	NA
Indeno(1,2,3-cd)-pyrene	mg/kg	1.1	0.98	<0.00067	NA
Naphthalene	mg/kg	2	0.0038	<0.00201	NA
Pyrene	mg/kg	180	1.3	<0.00067	NA
SOIL SUITABILITY (Inorganics)					
Boron	mg/L	2	--	0.482	NA
pH	standard unit	6-8.3	--	9.81	7.32
Sodium Adsorption Ratio (SAR)	--	<6	--	1.46	NA
Specific Conductance (EC)	mmhos/cm	<4	--	0.499	NA
ECMC = Energy & Carbon Management Commission		NA - Not Analyzed			
mg/kg = milligrams per kilogram					
mmhos/cm = millimhos per centimeter		RSSLs = Residential Soil Screening Levels			
PID = Photoionization Detector		GSSLs = Protection of Groundwater Soil Screening Levels			
ppm-v = parts per million by volume		TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics			
mg/L = milligrams per liter		TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics			
SAR = Sodium Adsorption Ratio		TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics			
Notes:					
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit and/or minimum detection limit.					
Values presented in BOLD exceed ECMC Table 915-1 Regulatory Limits.					



ATTACHMENT A

Photo Log

Sater USX CC #19-23

API # 05-123-24129

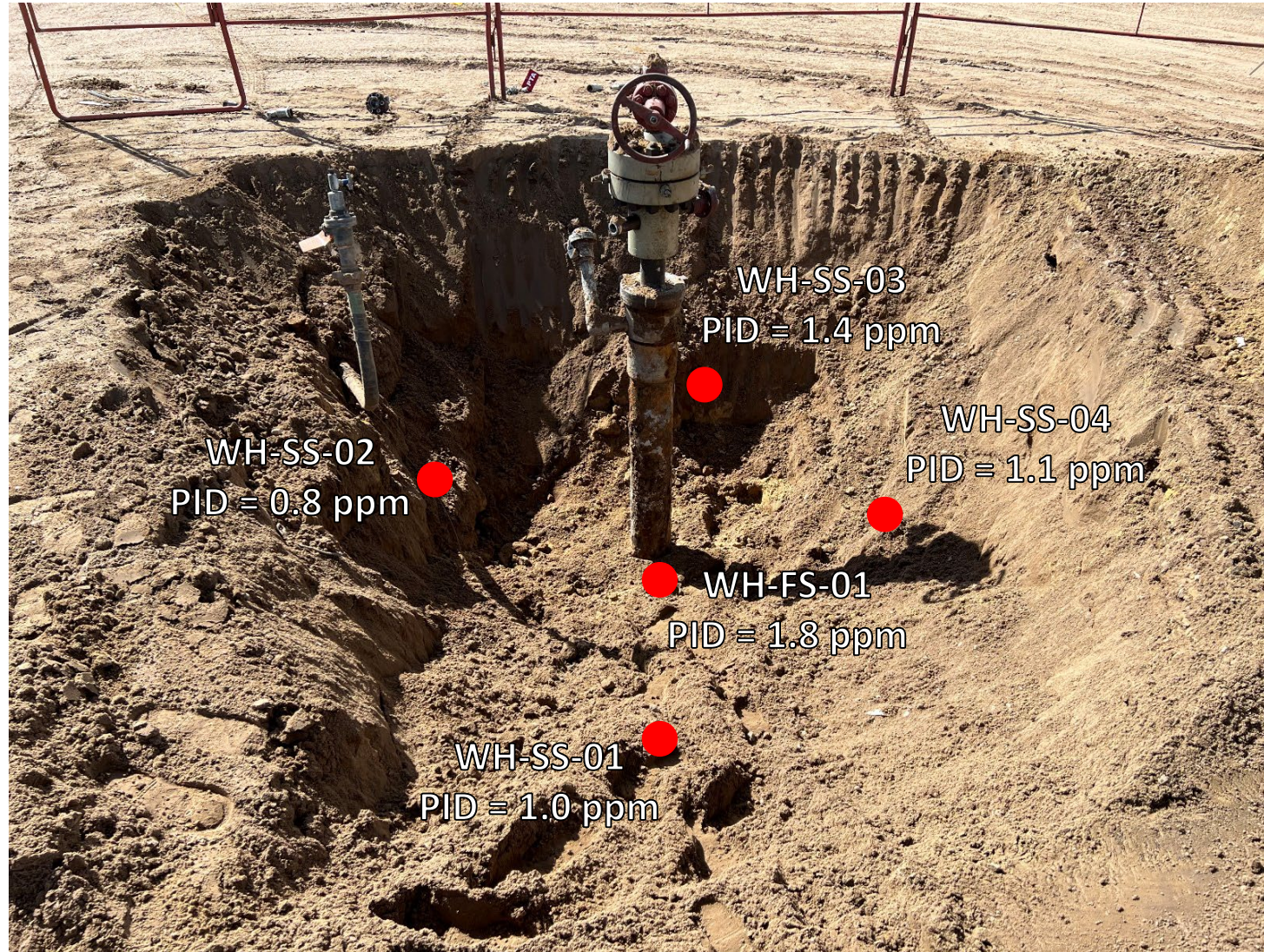
Remediation # 26899

Closure Assessment

March 2023



Wellhead Excavation – 03/31/23



Looking south

No petroleum hydrocarbon staining or odor observed



ATTACHMENT B

Laboratory Analytical Reports



April 13, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Sater USX CC #19-23

Project Number - -

Attached are your analytical results for Noble - Sater USX CC #19-23 received by Origins Laboratory, Inc. March 31, 2023. This project is associated with Origins project number Y303829-01.

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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@6'	Y303829-01	Soil	March 31, 2023 10:58	03/31/2023 12:52

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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

www.originslaboratory.com

Y303829

page 1 of 1

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge CO 80033
Telephone Number: 303-433-0479
Email Address: Mike@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Sater USX CC #19-23
Project Number: -
Samples Collected By: CMC

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix		Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Soil	Air Summa		
WH-FS-01-B-6	3/31/23	1058	2	X				X		EC, pH, pH by standard 1	
										pink pig	2
											3
											4
											5
											6
											7
											8
											9
											10

Relinquished By: [Signature]
Relinquished By: [Signature]

Date: 3/31/23 Time: 1252
Date: 3/31/23 Time: 1252

Received By: [Signature]
Received By: [Signature]

Date: 3/31/23 Time: 1252
Date: 3/31/23 Time: 1252

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

Temp Received: S.I
Date Results Needed: X Noble

Origins Laboratory, Inc.

[Signature]

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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y303629

Client: Eagle

Client Project ID: Sater USX CC 19-23

Checklist Completed by: JG/EAS

Date/time completed: 3/31/23

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

Airbill #: N/A

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

Cooler Number/Temperature: 1 5.1 °C 1 °C 1 °C (Describe) °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽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) JG

4-3-23
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

WH-FS-01@6'

3/31/2023 10:58:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y303829-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.482	0.101	mg/L	1	B3D0506	04/05/2023	04/06/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3D0303	04/03/2023	04/04/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.7 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3C3144	03/31/2023	04/04/2023	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	103 %	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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

WH-FS-01@6'

3/31/2023 10:58:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y303829-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	102 %	70-130	B3C31 44	03/31/2023	04/04/2023
Surrogate: 4-Bromofluorobenzene	104 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	2.24	0.499	meq/L	10	[CALC]	04/04/2023	04/05/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.57	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L674099	04/05/2023	04/05/2023
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

WH-FS-01@6'

3/31/2023 10:58:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y303829-01 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L674099	04/05/2023	04/05/2023
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	48.9 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	52.3 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	45.9 %	29-110	"	"	"

pH in Soil by 9045D

pH	9.81	pH Units	1	B3D0423	04/04/2023	04/05/2023
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SAR by 20B Saturated Paste

SAR	1.46	SAR	1	B3D0413	04/04/2023	04/05/2023
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.499	0.00500	mmhos/cm	1	B3D0423	04/04/2023	04/05/2023
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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 B3C3144 - EPA 5030 (soil)										
Blank (B3C3144-BLK1)					Prepared: 03/31/2023 Analyzed: 04/03/2023					
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	0.13		"	0.125	102		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	108		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	104		70-130			

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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 B3C3144 - EPA 5030 (soil)										
LCS (B3C3144-BS1)					Prepared: 03/31/2023 Analyzed: 04/03/2023					
1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg	0.100		113	70-130			
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100		107	70-130			
Benzene	0.0889	0.00200	"	0.100		88.9	70-130			
Ethylbenzene	0.112	0.00200	"	0.100		112	70-130			
Naphthalene	0.105	0.00380	"	0.100		105	70-130			
Toluene	0.0957	0.00200	"	0.100		95.7	70-130			
o-Xylene	0.101	0.00200	"	0.100		101	70-130			
m,p-Xylene	0.203	0.00400	"	0.200		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.7	70-130			
Surrogate: Toluene-d8	0.14		"	0.125		108	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		111	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3C3144 - EPA 5030 (soil)										
Matrix Spike (B3C3144-MS1)		Source: Y303786-01			Prepared: 03/31/2023 Analyzed: 04/03/2023					
1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100	ND	103	70-130			
1,3,5-Trimethylbenzene	0.0975	0.00200	"	0.100	ND	97.5	70-130			
Benzene	0.0853	0.00200	"	0.100	ND	85.3	70-130			
Ethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130			
Naphthalene	0.103	0.00380	"	0.100	ND	103	70-130			
Toluene	0.0903	0.00200	"	0.100	ND	90.3	70-130			
o-Xylene	0.0904	0.00200	"	0.100	ND	90.4	70-130			
m,p-Xylene	0.183	0.00400	"	0.200	ND	91.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		109	70-130			

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Project: Noble - Sater USX CC #19-23

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 B3C3144 - EPA 5030 (soil)										
Matrix Spike Dup (B3C3144-MSD1)			Source: Y303786-01		Prepared: 03/31/2023 Analyzed: 04/03/2023					
1,2,4-Trimethylbenzene	0.0972	0.00200	mg/kg	0.100	ND	97.2	70-130	5.77	20	
1,3,5-Trimethylbenzene	0.0920	0.00200	"	0.100	ND	92.0	70-130	5.85	20	
Benzene	0.0827	0.00200	"	0.100	ND	82.7	70-130	3.09	20	
Ethylbenzene	0.0957	0.00200	"	0.100	ND	95.7	70-130	5.19	20	
Naphthalene	0.102	0.00380	"	0.100	ND	102	70-130	1.21	20	
Toluene	0.0866	0.00200	"	0.100	ND	86.6	70-130	4.23	20	
o-Xylene	0.0862	0.00200	"	0.100	ND	86.2	70-130	4.76	20	
m,p-Xylene	0.174	0.00400	"	0.200	ND	86.8	70-130	5.37	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		109	70-130			

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Project: Noble - Sater USX CC #19-23

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 B3D0303 - EPA 3580										
Blank (B3D0303-BLK1)					Prepared: 04/03/2023 Analyzed: 04/04/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		95.7	50-150			

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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3D0303 - EPA 3580										
LCS (B3D0303-BS1)					Prepared: 04/03/2023 Analyzed: 04/04/2023					
Diesel (C10-C28)	951	50.0	mg/kg	1000		95.1	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000		101	70-130			
Surrogate: o-Terphenyl	58		"	49.8		116	50-150			

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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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 B3D0303 - EPA 3580

Matrix Spike (B3D0303-MS1)		Source: Y303819-21			Prepared: 04/03/2023 Analyzed: 04/04/2023					
Diesel (C10-C28)	869	50.0	mg/kg	1000	ND	86.9	70-130			
Residual Range Organics (C28-C40)	883	200	"	1000	ND	88.3	70-130			
Surrogate: o-Terphenyl	42		"	49.8		83.6	50-150			

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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3D0303 - EPA 3580										
Matrix Spike Dup (B3D0303-MSD1)		Source: Y303819-21			Prepared: 04/03/2023 Analyzed: 04/04/2023					
Diesel (C10-C28)	872	50.0	mg/kg	1000	ND	87.2	70-130	0.281	35	
Residual Range Organics (C28-C40)	918	200	"	1000	ND	91.8	70-130	3.88	35	
Surrogate: o-Terphenyl	41		"	49.8		82.5	50-150			

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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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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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 B3D0413 - Saturated Paste Metals

Blank (B3D0413-BLK1)

Prepared: 04/04/2023 Analyzed: 04/05/2023

SAR	0.00		SAR
Calcium PPM	ND	10.0	mg/L
Magnesium PPM	ND	10.0	"
Sodium PPM	ND	10.0	"

Duplicate (B3D0413-DUP1)

Source: Y303823-39

Prepared: 04/04/2023 Analyzed: 04/05/2023

SAR	0.00		SAR	62.7	200	200
Calcium PPM	6.34	10.0	mg/L	7.38	15.2	50
Magnesium PPM	2.14	10.0	"	2.49	15.2	50
Sodium PPM	770	10.0	"	772	0.202	50

Batch B3D0506 - DTPA Sorbitol Preparation

Blank (B3D0506-BLK1)

Prepared: 04/05/2023 Analyzed: 04/06/2023

Boron	ND	0.100	mg/L
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Duplicate (B3D0506-DUP1)

Source: Y303829-01

Prepared: 04/05/2023 Analyzed: 04/06/2023

Boron	1.15	0.0989	mg/L	0.482	81.8	50	QR-DUP
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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3D0423 - Saturated Paste pH/EC										
Blank (B3D0423-BLK1)					Prepared: 04/04/2023 Analyzed: 04/05/2023					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B3D0423-DUP1)					Source: Y303823-39 Prepared: 04/04/2023 Analyzed: 04/05/2023					
pH	8.82		pH Units		8.77			0.568	25	
Specific Conductance (EC)	3.18	0.00500	mmhos/cm		3.71			15.3	25	

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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L674099 - 3550B

MSD (L 92105-MSD-L674099)		Source: 92105			Prepared: 04/05/2023 Analyzed: 04/05/2023					
2-Methylnaphthalene	0.0865	0.00201	mg/Kg	0.166	<0.00194	52.1	30-130	2.7	30	
Fluorene	0.0974	0.00067	"	0.166	<0.000286	58.6	30-130	3.6	30	
Pyrene	0.0911	0.00067	"	0.166	<0.000643	54.8	30-130	14.1	30	
Indeno(1,2,3-cd)pyrene	0.0927	0.00067	"	0.166	<0.000627	55.8	30-130	15.2	30	
Fluoranthene	0.0947	0.00067	"	0.166	<0.000394	57	30-130	8.3	30	
Dibenz(a,h)anthracene	0.129	0.00067	"	0.166	<0.000614	77.7	30-130	17.7	30	
Chrysene	0.103	0.00067	"	0.166	<0.000624	62	30-130	5.6	30	
Naphthalene	0.089	0.00201	"	0.166	<0.00145	53.6	30-130	0.1	30	
1-Methylnaphthalene	0.0909	0.00201	"	0.166	<0.00109	54.7	30-130	2.6	30	
Benzo(k)fluoranthene	0.104	0.00067	"	0.166	<0.000437	62.6	30-130	3.9	30	
Acenaphthene	0.093	0.00067	"	0.166	<0.000304	56	30-130	0.1	30	
Anthracene	0.109	0.00067	"	0.166	<0.000334	65.6	30-130	0.9	30	
Benzo(a)anthracene	0.0956	0.00067	"	0.166	<0.000493	57.5	30-130	2.5	30	
Benzo(a)pyrene	0.102	0.00067	"	0.166	<0.000468	61.4	30-130	5.7	30	
Benzo(b)fluoranthene	0.105	0.00067	"	0.166	<0.000585	63.2	30-130	3.8	30	
Surrogate: 2-Fluorobiphenyl	48.7		"	0.332	167	48.7	33-115			
Surrogate: Nitrobenzene-d5	44.5		"	0.332	155	44.5	29-110			
Surrogate: 4-Terphenyl-d14	47.2		"	0.332	181	47.2	33-122			

MS (L 92105-MS-L674099)		Source: 92105			Prepared: 04/05/2023 Analyzed: 04/05/2023					
Benzo(k)fluoranthene	0.1	0.00067	mg/Kg	0.165	<0.000437	60.6	30-130			
Acenaphthene	0.0929	0.00067	"	0.165	<0.000304	56.3	30-130			
Naphthalene	0.0891	0.00201	"	0.165	<0.00145	54	30-130			
Indeno(1,2,3-cd)pyrene	0.0796	0.00067	"	0.165	<0.000627	48.2	30-130			
Fluorene	0.101	0.00067	"	0.165	<0.000286	61.2	30-130			
Fluoranthene	0.103	0.00067	"	0.165	<0.000394	62.4	30-130			
Dibenz(a,h)anthracene	0.108	0.00067	"	0.165	<0.000614	65.4	30-130			

Origins Laboratory, Inc.



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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L674099 - 3550B

MS (L 92105-MS-L674099)		Source: 92105			Prepared: 04/05/2023 Analyzed: 04/05/2023					
Chrysene	0.109	0.00067	mg/Kg	0.165	<0.000624	66	30-130			
1-Methylnaphthalene	0.0933	0.00201	"	0.165	<0.00109	56.5	30-130			
Benzo(a)pyrene	0.108	0.00067	"	0.165	<0.000468	65.4	30-130			
Anthracene	0.11	0.00067	"	0.165	<0.000334	66.6	30-130			
Pyrene	0.105	0.00067	"	0.165	<0.000643	63.6	30-130			
2-Methylnaphthalene	0.0889	0.00201	"	0.165	<0.00194	53.8	30-130			
Benzo(b)fluoranthene	0.101	0.00067	"	0.165	<0.000585	61.2	30-130			
Benzo(a)anthracene	0.0981	0.00067	"	0.165	<0.000493	59.4	30-130			
Surrogate: Nitrobenzene-d5	45.1		"	0.33	155	45.1	29-110			
Surrogate: 4-Terphenyl-d14	53.6		"	0.33	181	53.6	33-122			
Surrogate: 2-Fluorobiphenyl	47.8		"	0.33	167	47.8	33-115			

LCS (LCS-L674099)		Prepared: 04/05/2023 Analyzed: 04/05/2023								
Chrysene	0.13	0.00067	mg/Kg	0.167		77.8	30-130			
Dibenz(a,h)anthracene	0.153	0.00067	"	0.167		91.6	30-130			
Fluoranthene	0.121	0.00067	"	0.167		72.4	30-130			
Fluorene	0.114	0.00067	"	0.167		68.2	30-130			
Indeno(1,2,3-cd)pyrene	0.109	0.00067	"	0.167		65.2	30-130			
Naphthalene	0.1	0.00201	"	0.167		59.8	30-130			
Benzo(k)fluoranthene	0.137	0.00067	"	0.167		82	30-130			
Pyrene	0.124	0.00067	"	0.167		74.2	30-130			
Benzo(a)pyrene	0.128	0.00067	"	0.167		76.6	30-130			
Benzo(a)anthracene	0.114	0.00067	"	0.167		68.2	30-130			
Anthracene	0.125	0.00067	"	0.167		74.8	30-130			
Acenaphthene	0.103	0.00067	"	0.167		61.6	30-130			
2-Methylnaphthalene	0.0971	0.00201	"	0.167		58.1	30-130			
1-Methylnaphthalene	0.102	0.00201	"	0.167		61	30-130			

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L674099 - 3550B

LCS (LCS-L674099)

Prepared: 04/05/2023 Analyzed: 04/05/2023

Benzo(b)fluoranthene	0.114	0.00067	mg/Kg	0.167		68.2	30-130			
Surrogate: Nitrobenzene-d5	54.6		"	0.333		54.6	29-110			
Surrogate: 4-Terphenyl-d14	66.6		"	0.333		66.6	33-122			
Surrogate: 2-Fluorobiphenyl	57		"	0.333		57	33-115			

LRB (LRB-L674099)

Prepared: 04/05/2023 Analyzed: 04/05/2023

Chrysene	ND	0.00067	mg/Kg				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Naphthalene	ND	0.00201	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00201	"				-			
1-Methylnaphthalene	ND	0.00201	"				-			
Pyrene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	49.5		"	0.333		49.5	29-110			
Surrogate: 4-Terphenyl-d14	62.4		"	0.333		62.4	33-122			
Surrogate: 2-Fluorobiphenyl	52.5		"	0.333		52.5	33-115			

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Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

Notes and Definitions

U Sample is Non-Detect.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

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.

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April 27, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Sater USX CC #19-23

Project Number - -

Attached are your analytical results for Noble - Sater USX CC #19-23 received by Origins Laboratory, Inc. April 14, 2023. This project is associated with Origins project number Y304351-01.

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.
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Wheat Ridge CO 80033

Martin C Eckert III

Project Number: -

Project: Noble - Sater USX CC #19-23

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-01@2'	Y304351-01	Soil	March 31, 2023 11:00	04/14/2023 09:30

Origins Laboratory, Inc.



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Project Number: -
Project: Noble - Sater USX CC #19-23

ORIGINS

LABORATORY, INC

USHS

www.originslaboratory.com

Client: Eagle Env. Consulting
 Address: 8010 W 44th Ave
Wheat Ridge, CO 80033
 Telephone Number: 303-433-0479
 Email Address: mia.3@eagle-enviro.com

Project Manager: Martin Eckert III
 Project Name: Sater USX CC #19-23
 Project Number: —
 Samples Collected By: GK

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #		
Background-dle 2'	3/31/23	1100	1	X					X			pH = saturated
												paste prep
Relinquished By: <u>John Hatched</u>	Date: <u>4/14/23</u>	Time: <u>0930</u>		Received By: <u>[Signature]</u>				Date: <u>4/14/23</u>	Time: <u>0930</u>	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:			

4811 to Cde

Temp Received- 5

Date Results Needed

Shade

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Byron

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

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Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4004351

Client: Eagle Env.

Client Project ID: Sater USX CC #19-23

Checklist Completed by: JSH/EHS

Shipped Via: TD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 4/17/23

Airbill #: na

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

Cooler Number/Temperature: 1 15 °C °C °C °C (Describe)

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<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) [Signature]

4/18/23
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: -
Project: Noble - Sater USX CC #19-23

Background-01@2'

3/31/2023 11:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y304351-01 (Soil)

pH in Soil by 9045D

pH	7.32	pH Units	1	B3D1821	HJD	04/18/2023	04/19/2023
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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
Batch B3D1821 - Saturated Paste pH/EC										
Duplicate (B3D1821-DUP1)		Source: Y303807-02			Prepared: 04/18/2023 Analyzed: 04/19/2023					
pH	7.52		pH Units		7.54			0.266	25	

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Notes and Definitions

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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