

# Wellhead Closure Checklist

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

Additional attachments (optional):		Pit Closure <u>        </u>		Tank Battery Closure <u>        </u>		Flowline Closure <u>        </u>		Partially Buried Vault Closure <u>        </u>	
Site Name & COGCC Facility Number: <b>Volkens #2</b>		Date: 05/23/23					Remediation Project #: 25964		
Associated Wells: 05-123-12105		Age of Site: Years					Number of Photos Attached: 1		
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple)						40.303360 / -104.520270			
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)									
Good Condition									
USCS Soil Type: Sandy CLAY				Estimated Depth to Groundwater: Approx. 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	05-123-12105								
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	5.2	2.9	1.4	4.5	7.5				
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: 7.5				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:					
N/A									
Lateral extent:				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				N/A					
Total number of samples collected:				Total Volume of groundwater removed:					
Total number of samples submitted to lab for analysis:									

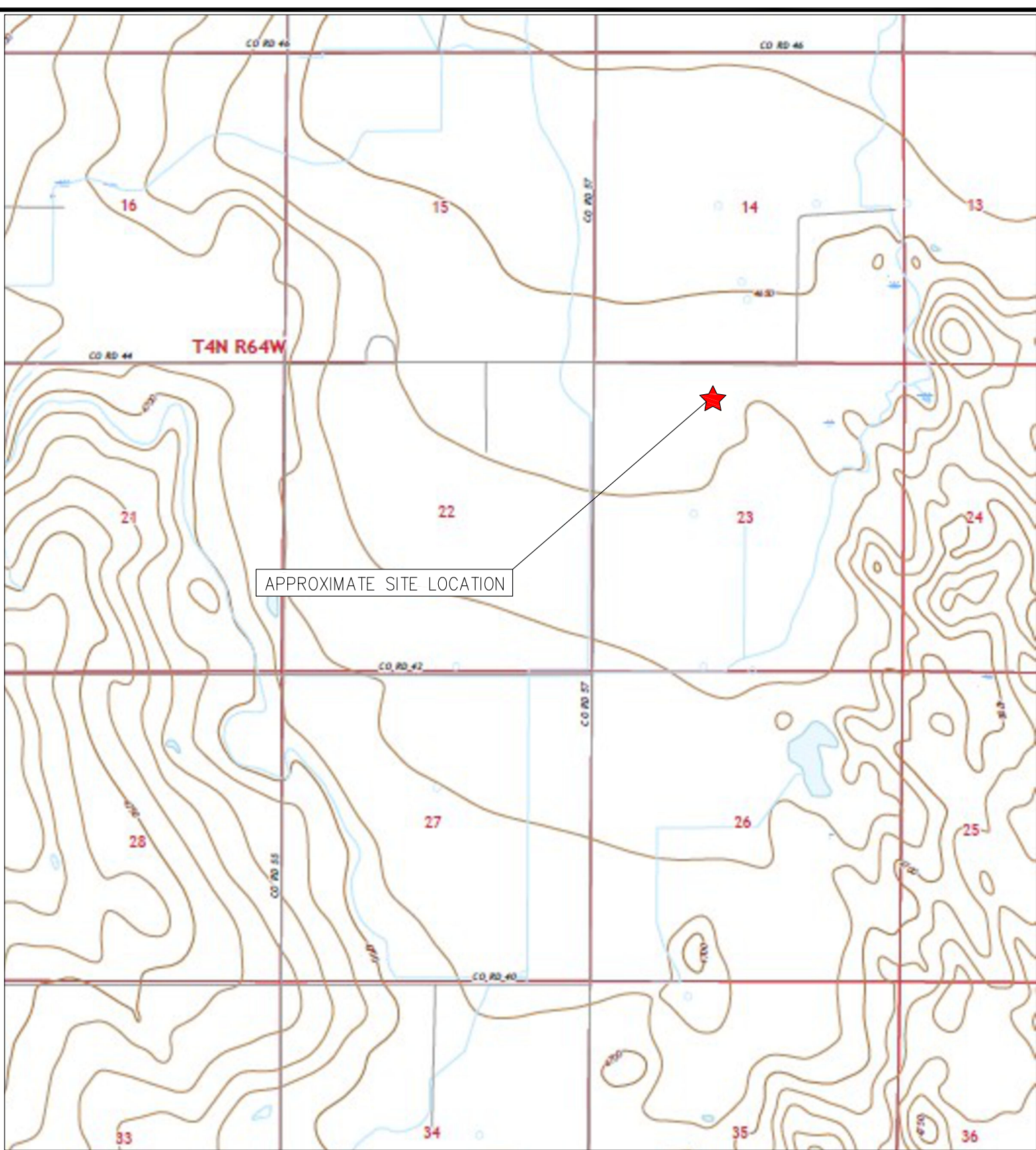


## **FIGURES**

**Figure 1: Topographic Site Location Map**

**Figure 2: Aerial Site Location Map**

**Figure 3: Soil Analytical Map**



APPROXIMATE SITE LOCATION

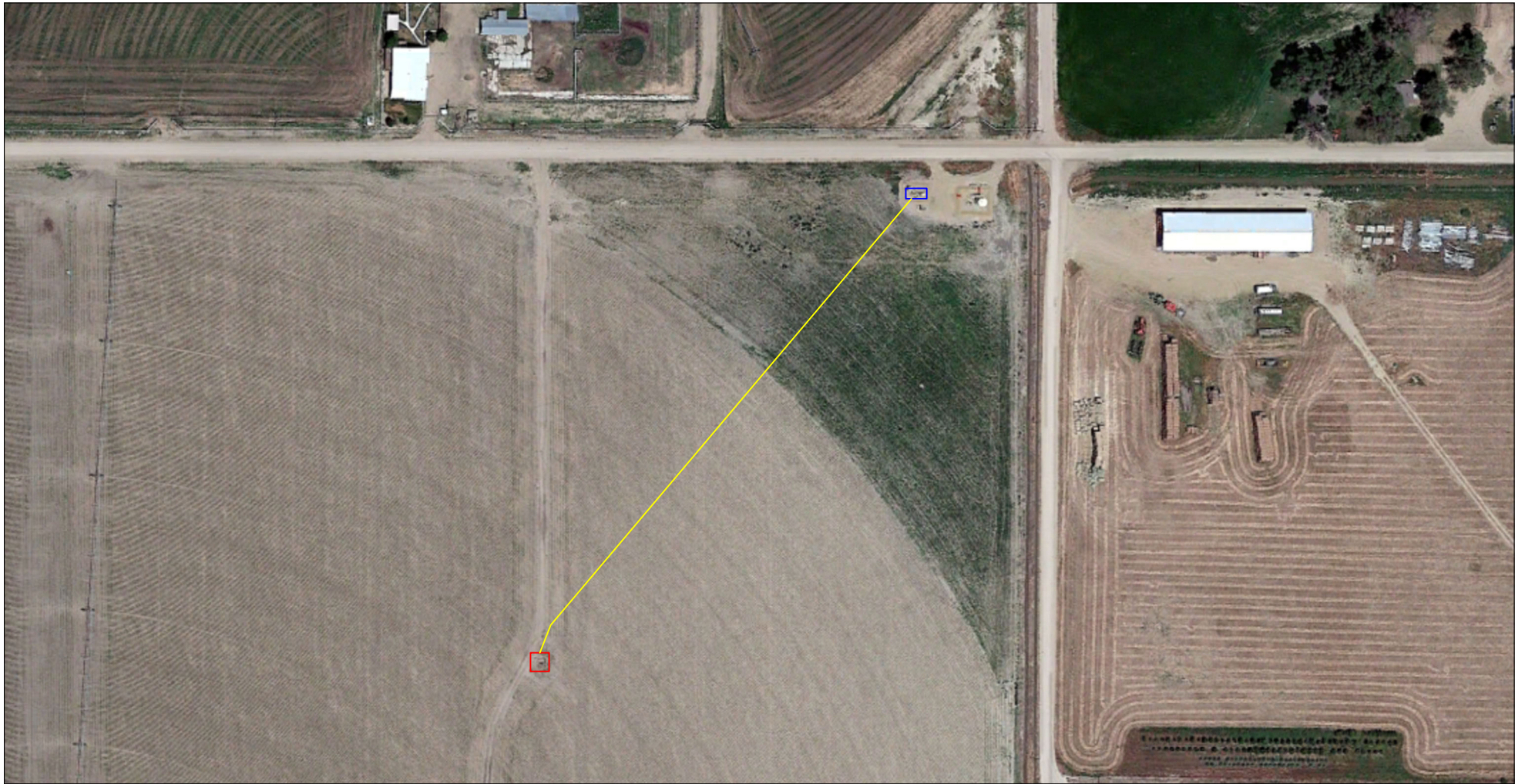


TOPOGRAPHIC SITE LOCATION MAP  
 VOLKENS #2  
 CLOSURE ASSESSMENT  
 40.303360 / -104.520270  
 NE¼ NW¼ SEC.23 T4N R64W 6PM  
 WELD COUNTY, COLORADO  
 API # 05-123-12105  
 REMEDIATION # 25964



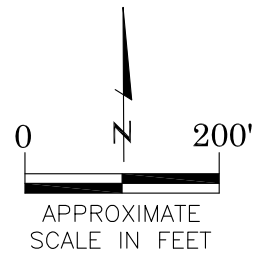
**EAGLE**  
 ENVIRONMENTAL  
 CONSULTING, LLC

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



**LEGEND**

- FORMER VOLKENS #2 WELLHEAD (PLUGGED AND ABANDONED)
- ASSOCIATED SEPARATOR
- APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP  
 VOLKENS #2  
 CLOSURE ASSESSMENT  
 40.303360 / -104.520270  
 NE¼ NW¼ SEC.23 T4N R64W 6PM  
 WELD COUNTY, COLORADO  
 API # 05-123-12105  
 REMEDIATION # 25964

FIGURE NO.  
2

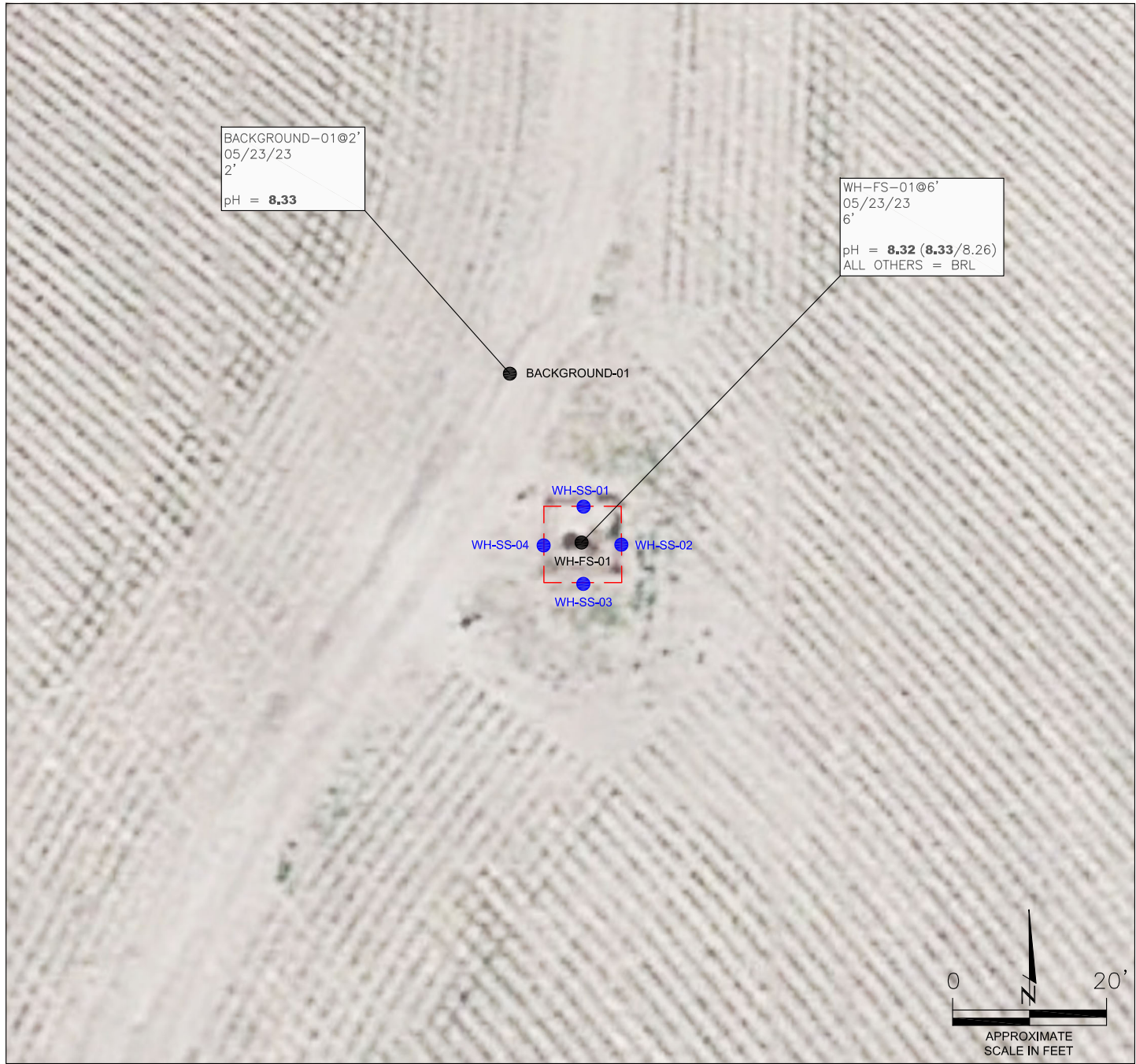
DRAWN BY:  
JF



EAGLE

ENVIRONMENTAL  
CONSULTING, LLC

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**LEGEND**

- - - WELLHEAD ASSESSMENT BOUNDARIES
- APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR
- 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)  
 N = NAPHTHALENE (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)  
 POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM  
 mg/L = MILLIGRAMS PER LITER  
 mmhos/cm = MILLIMHOS PER CENTIMETER

BRL = BELOW REGULATORY LIMITS

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS  
 TPH-DRO = TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE ORGANICS  
 TPH-RRO = TOTAL PETROLEUM HYDROCARBONS - RESIDUAL RANGE ORGANICS

NOTES:  
 LABORATORY RERUNS WERE COMPLETED AS APPLICABLE ON SAMPLES WITH SOIL SUITABILITY VALUES OUTSIDE ECMC TABLE 915-1 REGULATORY RANGE. RESULTS OF THE RERUNS ARE PRESENTED IN PARENTHESES.

VALUES PRESENTED IN **BOLD** EXCEED ECMC TABLE 915-1 REGULATORY LIMITS.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL ANALYTICAL MAP  
 VOLKENS #2  
 CLOSURE ASSESSMENT  
 40.303360 / -104.520270  
 NE¼ NW¼ SEC.23 T4N R64W 6PM  
 WELD COUNTY, COLORADO  
 API # 05-123-12105  
 REMEDIATION # 25964

FIGURE NO.  
3

DRAWN BY:  
JF

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



## **TABLES**

**Table 1: Photoionization Detector Reading Summary**

**Table 2: Soil Analytical Results Summary**

**TABLE 1**  
**PHOTOIONIZATION DETECTOR READING SUMMARY**  
**VOLKENS #2**  
**CLOSURE ASSESSMENT**  
**40.303360 / -104.520270**  
**NE¼ NW¼ SEC.23 T4N R64W 6PM**  
**WELD COUNTY, COLORADO**  
**API # 05-123-12105**  
**REMEDIATION # 25964**

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
WH-SS-01 @ 5' (40.303373 / -104.520277)	05/23/23	5	5.2	N
WH-SS-02 @ 5' (40.303360 / -104.520257)	05/23/23	5	2.9	N
WH-SS-03 @ 5' (40.303344 / -104.520277)	05/23/23	5	1.4	N
WH-SS-04 @ 5' (40.303360 / -104.520296)	05/23/23	5	4.5	N
WH-FS-01 @ 6' (40.303360 / -104.520277)	05/23/23	6	7.5	Y
Background-01 @ 2' (40.303426 / -104.520316)	05/23/23	2	1.3	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector				



TABLE 2  
SOIL ANALYTICAL RESULTS SUMMARY  
VOLKENS #2  
CLOSURE ASSESSMENT  
40.303360 / -104.520270  
NE¼ NW¼ SEC.23 T4N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-12105  
REMEDIAATION # 25964

Sample Location (Latitude / Longitude)		WH-FS-01 @ 6'		Background-01 @ 2'	
		(40.303360 / -104.520277)		(40.303426 / -104.520316)	
Sample Date		5/23/2023		5/23/2023	
Sample Depth		6'		2'	
PID Reading (ppm-v)		7.5		1.3	
Regulatory Limits					
Chemical of Concern	Units	ECMC Table 915-1 RSSLs	ECMC Table 915-1 GSSLs		
VOCs					
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
Naphthalene	mg/kg	2	0.0038	<0.00380	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
Pyrene	mg/kg	180	1.3	<0.00067	NA
SOIL SUITABILITY (Inorganics)					
Boron	mg/L	2	--	0.491	NA
pH	standard unit	6-8.3	--	<b>8.32 (8.33/8.26)</b>	<b>8.33</b>
Sodium Adsorption Ratio (SAR)	--	<6	--	3.61	NA
Specific Conductance (EC)	mmhos/cm	<4	--	0.799	NA
ECMC = Energy & Carbon Management Commission      NA - Not Analyzed      VOCs - Volatile Organic Compounds 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. Laboratory reruns were completed as applicable on samples with Soil Suitability values outside ECMC Table 915-1 Regulatory Range. Results of the reruns are presented in parentheses.					





## **ATTACHMENT A**

### **Photo Log**

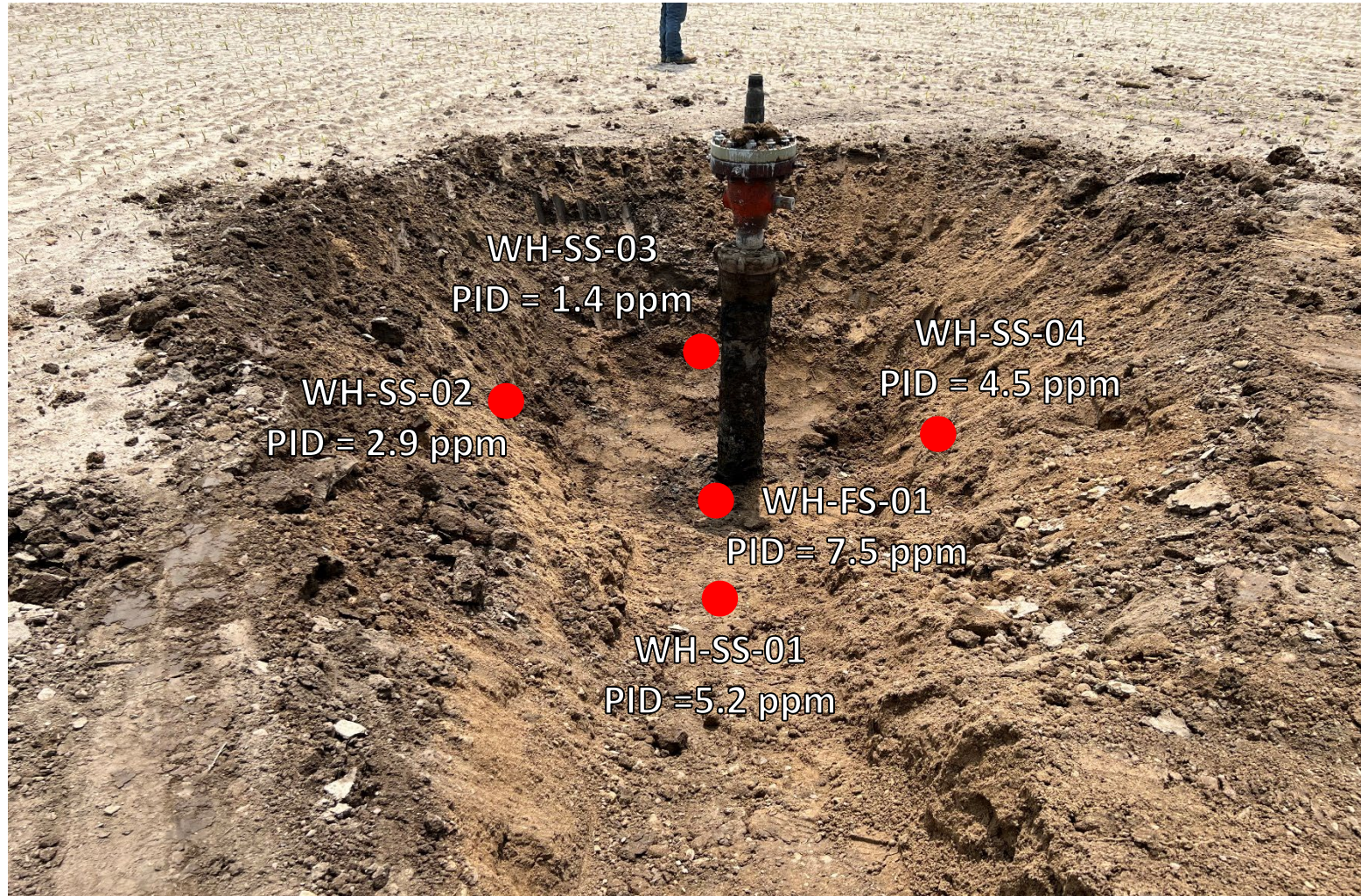
Volkens #2  
API # 05-123-12105  
Remediation # 25964

Closure Assessment

May 2023



# Wellhead Excavation – 05/23/23



Looking south

No petroleum hydrocarbon staining or odor observed



## **ATTACHMENT B**

### **Laboratory Analytical Reports**



June 06, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Volkens #2

Project Number - [none]

Attached are your analytical results for Noble - Volkens #2 received by Origins Laboratory, Inc. May 23, 2023. This project is associated with Origins project number Y305602-01.

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



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Volkens #2

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@6'	Y305602-01	Soil	May 23, 2023 13:08	05/23/2023 14:30

A pH rerun was requested per Grace's email on 06/02/2023. No errors were found in the original data, all three results are reported. JAB

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: [none]  
 Project: Noble - Volkens #2

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: UP05002 Client: Eagle Environ  
 Client Project ID: Volkens #2  
 Checklist Completed by: JH/EHS Shipped Via: HP  
 Date/time completed: 5/23/23 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Airbill #: WA  
 Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
 Cooler Number/Temperature: 135 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) °C  
 Thermometer ID: 7003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact <sup>(1)</sup> ?	/			
Was adequate sample volume provided <sup>(1)</sup> ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		/		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	/			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	/			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	/			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>			/	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / ( pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			/	
Additional Comments (if any):				

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

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 5/25/23

Origins Laboratory, Inc.

[Signature]

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

**WH-FS-01@6'**  
**5/23/2023 1:08:00PM**

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

**Origins Laboratory, Inc.**  
**Y305602-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.491		0.101	mg/L	1	B3E2412	05/24/2023	05/25/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3E2502	05/25/2023	05/26/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.5 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3E2231	05/24/2023	05/24/2023	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

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: [none]  
 Project: Noble - Volkens #2

**WH-FS-01@6'**  
**5/23/2023 1:08:00PM**

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

**Origins Laboratory, Inc.**  
**Y305602-01 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	120 %		70-130			B3E22 31	05/24/2023	05/24/2023	
Surrogate: Toluene-d8	99.0 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.93		0.499	meq/L	10	[CALC]	05/25/2023	05/26/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.22		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L684565	05/30/2023	05/31/2023	
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	"	"	"	"	"	

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: [none]  
 Project: Noble - Volkens #2

**WH-FS-01@6'**  
**5/23/2023 1:08:00PM**

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

**Waypoint Analytical, LLC.**  
**Y305602-01 (Soil)**

**PAH by 8270D SIM**

Fluoranthene	ND	0.000394	0.00067	mg/Kg	1	L684565	05/30/2023	05/31/2023	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	62 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	56 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	50.9 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.32			pH Units	1	B3E2514	05/25/2023	05/26/2023	
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**SAR by 20B Saturated Paste**

SAR	3.61			SAR	1	B3E2509	05/25/2023	05/26/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.799		0.00500	mmhos/cm	1	B3E2514	05/25/2023	05/26/2023	
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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: [none]  
Project: Noble - Volkens #2

**WH-FS-01@6'**

**5/23/2023 1:08:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y305602-01RE1 (Soil)**

**pH in Soil by 9045D**

pH	8.33			pH Units	1	B3F0230	05/25/2023	06/04/2023	
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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: [none]  
Project: Noble - Volkens #2

**WH-FS-01@6'**

**5/23/2023 1:08:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y305602-01RE2 (Soil)**

**pH in Soil by 9045D**

pH	8.26			pH Units	1	B3F0230	05/25/2023	06/04/2023	
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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: [none]  
 Project: Noble - Volkens #2

**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 B3E2231 - EPA 5030 (soil)**

**Blank (B3E2231-BLK1)**

Prepared: 05/24/2023 Analyzed: 05/24/2023

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	0.14		"	0.125	112		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	98.2		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	101		70-130			

Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

**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 B3E2231 - EPA 5030 (soil)

**LCS (B3E2231-BS1)**

Prepared: 05/24/2023 Analyzed: 05/24/2023

1,2,4-Trimethylbenzene	0.0973	0.00200	mg/kg	0.100		97.3	70-130			
1,3,5-Trimethylbenzene	0.0959	0.00200	"	0.100		95.9	70-130			
Benzene	0.0978	0.00200	"	0.100		97.8	70-130			
Ethylbenzene	0.0911	0.00200	"	0.100		91.1	70-130			
Naphthalene	0.0878	0.00380	"	0.100		87.8	70-130			
Toluene	0.0931	0.00200	"	0.100		93.1	70-130			
o-Xylene	0.0894	0.00200	"	0.100		89.4	70-130			
m,p-Xylene	0.194	0.00400	"	0.200		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		111	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.6	70-130			

Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

**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 B3E2231 - EPA 5030 (soil)

Matrix Spike (B3E2231-MS1)	Source: Y305589-01			Prepared: 05/24/2023 Analyzed: 05/24/2023						
1,2,4-Trimethylbenzene	0.0930	0.00200	mg/kg	0.100	ND	93.0	70-130			
1,3,5-Trimethylbenzene	0.0905	0.00200	"	0.100	ND	90.5	70-130			
Benzene	0.0945	0.00200	"	0.100	ND	94.5	70-130			
Ethylbenzene	0.0874	0.00200	"	0.100	ND	87.4	70-130			
Naphthalene	0.0988	0.00380	"	0.100	ND	98.8	70-130			
Toluene	0.0887	0.00200	"	0.100	ND	88.7	70-130			
o-Xylene	0.0894	0.00200	"	0.100	ND	89.4	70-130			
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		116	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.2	70-130			

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: [none]  
 Project: Noble - Volkens #2

**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 B3E2231 - EPA 5030 (soil)

Matrix Spike Dup (B3E2231-MSD1)	Source: Y305589-01			Prepared: 05/24/2023 Analyzed: 05/24/2023						
1,2,4-Trimethylbenzene	0.0971	0.00200	mg/kg	0.100	ND	97.1	70-130	4.38	20	
1,3,5-Trimethylbenzene	0.0952	0.00200	"	0.100	ND	95.2	70-130	5.02	20	
Benzene	0.0995	0.00200	"	0.100	ND	99.5	70-130	5.07	20	
Ethylbenzene	0.0907	0.00200	"	0.100	ND	90.7	70-130	3.80	20	
Naphthalene	0.110	0.00380	"	0.100	ND	110	70-130	10.4	20	
Toluene	0.0937	0.00200	"	0.100	ND	93.7	70-130	5.39	20	
o-Xylene	0.0937	0.00200	"	0.100	ND	93.7	70-130	4.76	20	
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.3	70-130	3.10	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		116	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.0	70-130			

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: [none]  
 Project: Noble - Volkens #2

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3E2412 - DTPA Sorbitol Preparation**

**Blank (B3E2412-BLK1)**

Prepared: 05/24/2023 Analyzed: 05/25/2023

Boron ND 0.100 mg/L

**Duplicate (B3E2412-DUP1)**

Source: Y305529-01

Prepared: 05/24/2023 Analyzed: 05/25/2023

Boron 0.113 0.0993 mg/L 0.114 1.40 50

**Batch B3E2509 - Saturated Paste Metals**

**Blank (B3E2509-BLK1)**

Prepared: 05/25/2023 Analyzed: 05/26/2023

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

**Duplicate (B3E2509-DUP1)**

Source: Y305586-01

Prepared: 05/25/2023 Analyzed: 05/26/2023

SAR 0.00 SAR 0.500 200 200

Calcium PPM 18.4 10.0 mg/L 18.4 0.326 50

Magnesium PPM 3.88 10.0 " 3.87 0.258 50

Sodium PPM 9.31 10.0 " 9.04 2.94 50

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3E2514 - Saturated Paste pH/EC</b>										
<b>Blank (B3E2514-BLK1)</b>					Prepared: 05/25/2023 Analyzed: 05/26/2023					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B3E2514-DUP1)</b>					<b>Source: Y305586-01</b> Prepared: 05/25/2023 Analyzed: 05/26/2023					
Specific Conductance (EC)	0.281	0.00500	mmhos/cm		0.287		2.11	25		
pH	7.97		pH Units		7.95		0.251	25		
<b>Batch B3F0230 - Saturated Paste pH/EC</b>										
<b>Duplicate (B3F0230-DUP1)</b>					<b>Source: Y305798-01</b> Prepared: 06/02/2023 Analyzed: 06/04/2023					
pH	7.21		pH Units		7.08		1.82	25		

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: [none]  
 Project: Noble - Volkens #2

**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 L684565 - 3550B**

<b>MSD (L 98613-MSD-L684565)</b>		<b>Source: 98613</b>			Prepared: 05/30/2023 Analyzed: 05/31/2023					
Acenaphthene	0.0977	0.00067	mg/Kg	0.167	<0.000304	58.5	30-130	3.3	30	
1-Methylnaphthalene	0.0915	0.00201	"	0.167	<0.00109	54.7	30-130	4.6	30	
2-Methylnaphthalene	0.0915	0.00201	"	0.167	<0.00194	54.7	30-130	4.8	30	
Anthracene	0.098	0.00067	"	0.167	<0.000334	58.6	30-130	3.6	30	
Indeno(1,2,3-cd)pyrene	0.104	0.00067	"	0.167	<0.000627	62.2	30-130	4.6	30	
Fluorene	0.101	0.00067	"	0.167	<0.000286	60.4	30-130	1.9	30	
Fluoranthene	0.102	0.00067	"	0.167	<0.000394	61	30-130	0.9	30	
Dibenz(a,h)anthracene	0.117	0.00067	"	0.167	<0.000614	70	30-130	5.8	30	
Chrysene	0.0959	0.00067	"	0.167	0.000684	57	30-130	5.1	30	
Benzo(k)fluoranthene	0.0769	0.00067	"	0.167	<0.000437	46	30-130	0.3	30	
Benzo(b)fluoranthene	0.0836	0.00067	"	0.167	<0.000585	50	30-130	8.8	30	
Benzo(a)pyrene	0.105	0.00067	"	0.167	<0.000468	62.8	30-130	6.4	30	
Benzo(a)anthracene	0.104	0.00067	"	0.167	<0.000493	62.2	30-130	8.2	30	
Pyrene	0.102	0.00067	"	0.167	<0.000643	61	30-130	2.8	30	
Surrogate: 2-Fluorobiphenyl	57.3		"	0.333	184	57.3	33-115			
Surrogate: 4-Terphenyl-d14	62.7		"	0.333	217	62.7	33-122			
Surrogate: Nitrobenzene-d5	53.4		"	0.333	183	53.4	29-110			

<b>MS (L 98613-MS-L684565)</b>		<b>Source: 98613</b>			Prepared: 05/30/2023 Analyzed: 05/31/2023					
Benzo(a)anthracene	0.113	0.00067	mg/Kg	0.165	<0.000493	68.4	30-130			
Benzo(k)fluoranthene	0.0766	0.00067	"	0.165	<0.000437	46.4	30-130			
Pyrene	0.105	0.00067	"	0.165	<0.000643	63.6	30-130			
Indeno(1,2,3-cd)pyrene	0.109	0.00067	"	0.165	<0.000627	66	30-130			
Fluorene	0.103	0.00067	"	0.165	<0.000286	62.4	30-130			
Fluoranthene	0.103	0.00067	"	0.165	<0.000394	62.4	30-130			
Dibenz(a,h)anthracene	0.124	0.00067	"	0.165	<0.000614	75.1	30-130			
Chrysene	0.101	0.00067	"	0.165	0.000684	60.7	30-130			

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: [none]  
 Project: Noble - Volkens #2

**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 L684565 - 3550B**

<b>MS (L 98613-MS-L684565)</b>		<b>Source: 98613</b>			<b>Prepared: 05/30/2023 Analyzed: 05/31/2023</b>					
Benzo(a)pyrene	0.112	0.00067	mg/Kg	0.165	<0.000468	67.8	30-130			
Anthracene	0.0945	0.00067	"	0.165	<0.000334	57.2	30-130			
Acenaphthene	0.101	0.00067	"	0.165	<0.000304	61.2	30-130			
2-Methylnaphthalene	0.096	0.00201	"	0.165	<0.00194	58.1	30-130			
Benzo(b)fluoranthene	0.0913	0.00067	"	0.165	<0.000585	55.3	30-130			
1-Methylnaphthalene	0.0959	0.00201	"	0.165	<0.00109	58.1	30-130			
Surrogate: Nitrobenzene-d5	55.7		"	0.33	183	55.7	29-110			
Surrogate: 2-Fluorobiphenyl	59.3		"	0.33	184	59.3	33-115			
Surrogate: 4-Terphenyl-d14	65.4		"	0.33	217	65.4	33-122			

<b>LCS (LCS-L684565)</b>		<b>Prepared: 05/30/2023 Analyzed: 05/31/2023</b>								
Chrysene	0.104	0.00067	mg/Kg	0.167		62.2	30-130			
Dibenz(a,h)anthracene	0.138	0.00067	"	0.167		82.6	30-130			
Fluoranthene	0.114	0.00067	"	0.167		68.2	30-130			
Fluorene	0.106	0.00067	"	0.167		63.4	30-130			
Indeno(1,2,3-cd)pyrene	0.126	0.00067	"	0.167		75.4	30-130			
Pyrene	0.114	0.00067	"	0.167		68.2	30-130			
Benzo(k)fluoranthene	0.102	0.00067	"	0.167		61	30-130			
1-Methylnaphthalene	0.096	0.00201	"	0.167		57.4	30-130			
Benzo(a)pyrene	0.113	0.00067	"	0.167		67.6	30-130			
Benzo(a)anthracene	0.113	0.00067	"	0.167		67.6	30-130			
Anthracene	0.109	0.00067	"	0.167		65.2	30-130			
Acenaphthene	0.102	0.00067	"	0.167		61	30-130			
2-Methylnaphthalene	0.0968	0.00201	"	0.167		57.9	30-130			
Benzo(b)fluoranthene	0.12	0.00067	"	0.167		71.8	30-130			
Surrogate: 2-Fluorobiphenyl	65.4		"	0.333		65.4	33-115			
Surrogate: Nitrobenzene-d5	62.7		"	0.333		62.7	29-110			

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

**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
<b>Batch L684565 - 3550B</b>										
<b>LCS (LCS-L684565)</b>					Prepared: 05/30/2023 Analyzed: 05/31/2023					
Surrogate: 4-Terphenyl-d14	73.5		mg/Kg	0.333		73.5	33-122			
<b>LRB (LRB-L684565)</b>					Prepared: 05/30/2023 Analyzed: 05/31/2023					
Chrysene	ND	0.00067	mg/Kg				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Fluorene	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: 4-Terphenyl-d14	70.2		"	0.333		70.2	33-122			
Surrogate: Nitrobenzene-d5	60.6		"	0.333		60.6	29-110			
Surrogate: 2-Fluorobiphenyl	61.5		"	0.333		61.5	33-115			

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: [none]  
Project: Noble - Volkens #2

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**Notes and Definitions**

U Sample is Non-Detect.

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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June 21, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Volkens #2

Project Number - [none]

Attached are your analytical results for Noble - Volkens #2 received by Origins Laboratory, Inc. June 12, 2023. This project is associated with Origins project number Y306301-01.

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: [none]  
Project: Noble - Volkens #2

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-01@2'	Y306301-01	Soil	May 23, 2023 13:10	06/12/2023 15:05

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: [none]  
 Project: Noble - Volkens #2

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: 43063 01

Client: Eagle

Client Project ID: Volkens #2

Checklist Completed by: JH/ENS

Shipped Via: HD

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

Date/time completed: 6/13/12

Airbill #: na

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

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

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 <sup>(1)?</sup>	<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 <sup>(1)?</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)?</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)?</sup>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)?</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)?</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)?</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)?</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)?</sup> (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 6/13/12

Origins Laboratory, Inc.

[Signature]

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

**Background-01@2'**  
**5/23/2023 1:10:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y306301-01 (Soil)**

**pH in Soil by 9045D**

pH	8.33		pH Units	1	B3F1411	HJD	06/14/2023	06/15/2023	
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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Volkens #2

**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 B3F1411 - Saturated Paste pH/EC**

**Duplicate (B3F1411-DUP1)**

**Source: Y306291-01**

Prepared: 06/14/2023 Analyzed: 06/15/2023

pH	7.95		pH Units		7.92			0.378	25	
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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Volkens #2

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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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