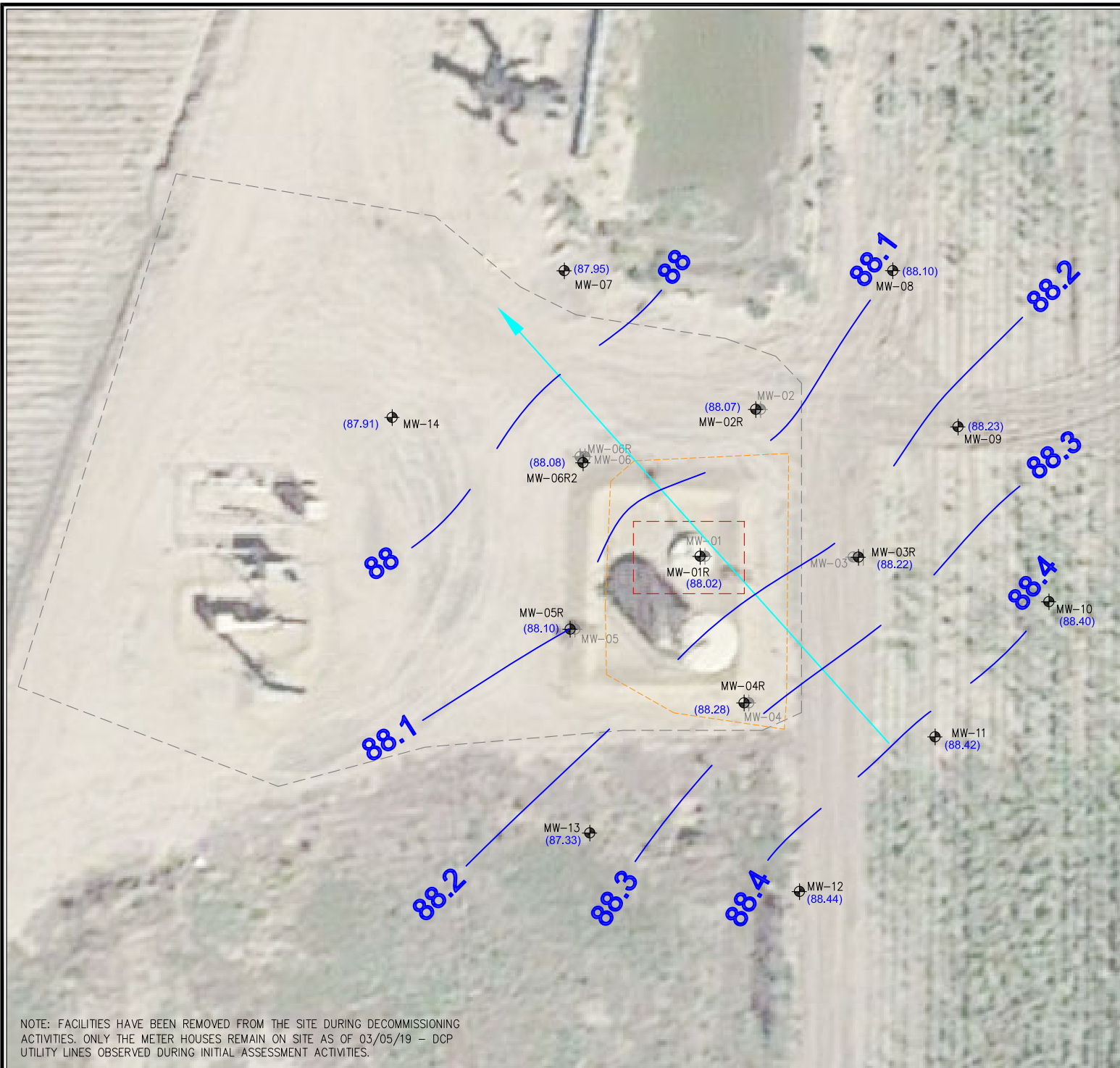




FIGURES

Figure 1: Groundwater Analytical Map (05/06/20)

Figure 2: Groundwater Elevation Map (05/06/20)



NOTE: FACILITIES HAVE BEEN REMOVED FROM THE SITE DURING DECOMMISSIONING ACTIVITIES. ONLY THE METER HOUSES REMAIN ON SITE AS OF 03/05/19 – DCP UTILITY LINES OBSERVED DURING INITIAL ASSESSMENT ACTIVITIES.

LEGEND

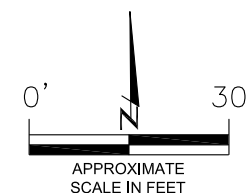
- APPROXIMATE TANK BATTERY BOUNDARY
- INITIAL EXCAVATION BOUNDARIES
- APPROXIMATE EXCAVATION BOUNDARIES
- ⊕ APPROXIMATE MONITORING WELL LOCATIONS
- ⊕ DESTROYED (DES) MONITORING WELL LOCATIONS
- (87.31) RELATIVE GROUNDWATER ELEVATION (FT.)
- INFERRED GROUNDWATER ELEVATION CONTOUR (FT.)
- APPROXIMATE GROUNDWATER FLOW DIRECTION

FT. = FEET

NOTE:

GROUNDWATER ELEVATION DATA WAS COLLECTED FROM ALL MONITORING WELLS ON 05/06/20.

GROUNDWATER ELEVATION DATA COLLECTED FROM MONITORING WELLS MW-01R AND MW-13 WERE NOT USED IN THE CONSTRUCTION OF INFERRED GROUNDWATER ELEVATION CONTOURS.



GROUNDWATER ELEVATION MAP

(05/06/20)

AGRICULTURAL PRODUCTS FEDERAL #32-17
HISTORICAL RELEASE

40.269576 / -104.797120

SW1/4 NE1/4 SEC.32 T4N R66W 6PM

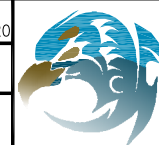
WELD COUNTY, COLORADO

REMEDATION # 12471

DATE:
05/20/20

DRAWN BY:
MM

FIG.
NO. 2



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



TABLES

Table 1: Groundwater Analytical Results Summary

Table 2: Groundwater Elevation Summary

TABLE 1
GROUNDWATER ANALYTICAL RESULTS SUMMARY
AGRICULTURAL PRODUCTS FEDERAL #32-17
HISTORICAL RELEASE
40.269576 / -104.797120
SW¼ NE¼ SEC.32 T4N R66W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12471

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
GW-01 (40.269576 / -104.797125)	02/21/19	8250	<4.00	898	8890
MW-01 (40.269582 / -104.797111)	04/09/19	255	<1.00	99.3	1390
	06/24/19	DES			
MW-01R (40.269582 / -104.797111)	11/13/19	1340	<4.00	564	319
	02/12/20	504	<50.0	114	2650
	05/06/20	132	<1.00	44.8	572
MW-02 (40.269667 / -104.797065)	04/09/19	475	<1.00	116	482
	06/24/19	DES			
MW-02R (40.269667 / -104.797065)	11/13/19	46.8	<4.00	4.60	24.8
	02/12/20	19.6	<4.00	<4.00	<4.00
	05/06/20	1.59	<1.00	<1.00	<1.00
MW-03 (40.269580 / -104.796995)	04/09/19	438	<1.00	175	2740
	06/24/19	DES			
MW-03R (40.269580 / -104.796995)	11/13/19	19.0	<4.00	<4.00	627
	02/12/20	254	<4.00	197	1080
	05/06/20	73.8	<1.00	21.8	267
MW-04 (40.269496 / -104.797073)	04/09/19	1990	<1.00	480	2720
	06/24/19	DES			
MW-04R (40.269496 / -104.797073)	11/13/19	22.2	<4.00	<4.00	961
	02/12/20	31.6	<4.00	286	1210
	05/06/20	34.0	<1.00	246	1340
MW-05 (40.269534 / -104.797222)	04/09/19	<4.00	<4.00	76.6	583
	06/24/19	DES			
MW-05R (40.269534 / -104.797222)	11/13/19	<4.00	<4.00	<4.00	381
	02/12/20	<4.00	<4.00	<4.00	14.5
	05/06/20	<1.00	<1.00	17.8	114
MW-06 (40.269640 / -104.797210)	04/09/19	<1.00	<1.00	69.9	1650
	06/24/19	DES			
MW-06R (40.269640 / -104.797210)	11/13/19	DES			
MW-06R2 (40.269640 / -104.797210)	02/12/20	2.05	<1.00	116	1950
	05/06/20	<1.00	<1.00	<1.00	<1.00

TABLE 1
GROUNDWATER ANALYTICAL RESULTS SUMMARY
AGRICULTURAL PRODUCTS FEDERAL #32-17
HISTORICAL RELEASE
40.269576 / -104.797120
SW¼ NE¼ SEC.32 T4N R66W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12471

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1400
MW-07 (40.267725 / -104.797232)	02/12/20	<1.00	<1.00	<1.00	<1.00
	05/06/20	<1.00	<1.00	<1.00	<1.00
MW-08 (40.269726 / -104.796981)	02/12/20	<1.00	<1.00	<1.00	<1.00
	05/06/20	<1.00	<1.00	<1.00	<1.00
MW-09 (40.269643 / -104.796927)	02/12/20	<1.00	<1.00	16.4	119
	05/06/20	<1.00	<1.00	2.84	32.5
MW-10 (40.269535 / -104.796859)	02/12/20	<1.00	<1.00	<1.00	3.53
	05/06/20	<1.00	<1.00	<1.00	3.53
MW-11 (40.269466 / -104.796932)	02/12/20	<1.00	<1.00	<1.00	<1.00
	05/06/20	<1.00	<1.00	<1.00	<1.00
MW-12 (40.269383 / -104.797047)	02/12/20	<1.00	<1.00	<1.00	<1.00
	05/06/20	<1.00	<1.00	<1.00	<1.00
MW-13 (40.269415 / -104.797204)	02/12/20	<1.00	<1.00	<1.00	<1.00
	05/06/20	<1.00	<1.00	<1.00	<1.00
MW-14 (40.269640 / -104.797361)	03/04/20	<1.00	<1.00	6.99	13.6
	05/06/20	<1.00	<1.00	<1.00	<1.00
COGCC = Colorado Oil and Gas Conservation Commission µg/L - micrograms per liter Note: Values presented with a less than symbol (<) indicate concentrations were not observed at or above the laboratory reporting limit. Values presented in bold typeface exceed their respective COGCC - Regulatory Limits (Table 910-1). DES - Destroyed					

TABLE 2
GROUNDWATER ELEVATION SUMMARY
AGRICULTURAL PRODUCTS FEDERAL #32-17
HISTORICAL RELEASE
40.269576 / -104.797120
SW¼ NE¼ SEC.32 T4N R66W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12471

Sample Location (Latitude/Longitude)	Date	Top of Casing Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet) (TOC)	Depth to Groundwater (feet)(bgs)	Stick Up Height (feet)
MW-01 (40.269582 / -104.797111)	04/09/19	99.54	11.28	88.26	8.79	2.49
	06/24/19	DES				
MW-01R (40.269582 / -104.797111)	11/13/19	99.88	10.73	89.15	7.52	3.21
	02/12/20		12.45	87.43	9.24	
	05/06/20		11.86	88.02	8.65	
MW-02 (40.269667 / -104.797065)	04/09/19	99.72	11.60	88.12	8.90	2.70
	06/24/19	DES				
MW-02R (40.269667 / -104.797065)	11/13/19	99.71	10.64	89.07	7.39	3.25
	02/12/20		12.30	87.41	9.05	
	05/06/20		11.64	88.07	8.39	
MW-03 (40.269580 / -104.796995)	04/09/19	98.90	10.61	88.29	8.55	2.06
	06/24/19	DES				
MW-03R (40.269580 / -104.796995)	11/13/19	99.42	10.24	89.18	7.01	3.23
	02/12/20		11.89	87.53	8.66	
	05/06/20		11.20	88.22	7.97	
MW-04 (40.269496 / -104.797073)	04/09/19	100.00	11.53	88.47	8.90	2.63
	06/24/19	DES				
MW-04R (40.269496 / -104.797073)	11/13/19	99.58	10.29	89.29	7.18	3.11
	02/12/20		11.96	87.62	8.85	
	05/06/20		11.30	88.28	8.19	
MW-05 (40.269534 / -104.797222)	04/09/19	99.67	11.41	88.26	8.89	2.52
	06/24/19	DES				
MW-05R (40.269534 / -104.797222)	11/13/19	100.00	10.82	89.18	7.57	3.25
	02/12/20		12.52	87.48	9.27	
	05/06/20		11.90	88.10	8.65	
MW-06 (40.269640 / -104.797210)	04/09/19	99.57	11.44	88.13	8.95	2.49
	06/24/19	DES				
MW-06R (40.269640 / -104.797210)	11/13/19	99.95	DES			
MW-06R2 (40.269640 / -104.797210)	02/12/20	96.60	9.15	87.45	9.15	NA
	05/06/20		8.52	88.08	8.52	
MW-07 (40.267725 / -104.797232)	02/12/20	95.84	9.56	86.28	9.56	NA
	05/06/20		7.89	87.95	7.89	
MW-08 (40.269726 / -104.796981)	02/12/20	95.61	8.19	87.42	8.19	NA
	05/06/20		7.51	88.10	7.51	
MW-09 (40.269643 / -104.796927)	02/12/20	95.82	8.32	87.50	8.32	NA
	05/06/20		7.59	88.23	7.59	
MW-10 (40.269535 / -104.796859)	02/12/20	95.64	7.98	87.66	7.98	NA
	05/06/20		7.24	88.40	7.24	

TABLE 2
GROUNDWATER ELEVATION SUMMARY
AGRICULTURAL PRODUCTS FEDERAL #32-17
HISTORICAL RELEASE
40.269576 / -104.797120
SW¼ NE¼ SEC.32 T4N R66W 6PM
WELD COUNTY, COLORADO
REMEDATION # 12471

Sample Location (Latitude/Longitude)	Date	Top of Casing Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet) (TOC)	Depth to Groundwater (feet)(bgs)	Stick Up Height (feet)
MW-11 (40.269466 / -104.796932)	02/12/20	95.54	7.81	87.73	7.81	NA
	05/06/20		7.12	88.42	7.12	
MW-12 (40.269383 / -104.797047)	02/12/20	96.09	8.32	87.77	8.32	NA
	05/06/20		7.65	88.44	7.65	
MW-13 (40.269415 / -104.797204)	02/12/20	95.07	8.35	86.72	8.35	NA
	05/06/20		7.74	87.33	7.74	
MW-14 (40.269640 / -104.797361)	03/04/20	96.60	9.79	86.81	9.79	NA
	05/06/20		8.69	87.91	10.79	
COGCC = Colorado Oil and Gas Conservation Commission bgs- below ground surface NA - not applicable TOC - Top of Casing DES - Destroyed						



ATTACHMENT A

Laboratory Analytical Reports



May 14, 2020

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Noble - Agricultural Products
Federal #32-17**

Project Number - [none]

Attached are your analytical results for Noble - Agricultural Products Federal #32-17 received by Origins Laboratory, Inc. May 06, 2020. This project is associated with Origins project number Y005077-01.

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: Noble - Agricultural Products Federal
#32-17

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01R	Y005077-01	Water	May 6, 2020 11:27	05/06/2020 17:15
MW-02R	Y005077-02	Water	May 6, 2020 11:36	05/06/2020 17:15
MW-03R	Y005077-03	Water	May 6, 2020 11:43	05/06/2020 17:15
MW-04R	Y005077-04	Water	May 6, 2020 11:50	05/06/2020 17:15
MW-05R	Y005077-05	Water	May 6, 2020 11:56	05/06/2020 17:15
MW-06R2	Y005077-06	Water	May 6, 2020 12:05	05/06/2020 17:15
MW-07	Y005077-07	Water	May 6, 2020 12:15	05/06/2020 17:15
MW-08	Y005077-08	Water	May 6, 2020 12:21	05/06/2020 17:15
MW-09	Y005077-09	Water	May 6, 2020 12:27	05/06/2020 17:15
MW-10	Y005077-10	Water	May 6, 2020 12:33	05/06/2020 17:15
MW-11	Y005077-11	Water	May 6, 2020 12:40	05/06/2020 17:15
MW-12	Y005077-12	Water	May 6, 2020 12:49	05/06/2020 17:15
MW-13	Y005077-13	Water	May 6, 2020 12:55	05/06/2020 17:15
MW-14	Y005077-14	Water	May 6, 2020 13:00	05/06/2020 17:15

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: Noble - Agricultural Products Federal
#32-17

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: Noble - Agricultural Products Federal #32-17

www.originslaboratory.com

1005077

page 1 of 1

Client: Eagle Environmental Consulting
Address: 8000 W. 44th Ave
Wheat Ridge, CO 80033
Telephone Number: (303) 433-0479
Email Address: mce3@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Agricultural Products Federal #32-17
Project Number: ---
Samples Collected By: MM

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summ #		
MW-01R	5/6/20	1127	3	X				X			PTX	1
MW-02R		1130	1									2
MW-03R		1143	1									3
MW-04R		1150	1									4
MW-05R		1156	1									5
MW-06R2		1205	1									6
MW-07		1215	1									7
MW-08		1221	1									8
MW-09		1227	1									9
MW-10		1233	1									10
Relinquished By: <i>Wah</i>	Date: 5/6/20	Time: 1215	Received By: <i>g</i>	Date: 5/6/20	Time: 1715	Turnaround Time:						
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>						

Date Results Needed: * NOBLE

Temp Received: 16

* Bill to Jacob

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

ORIGINS
LABORATORY, INC

www.originslaboratory.com

Y05077

page 2 of 2

Client: Eagle Environmental Consulting
Address: 8000 W. 44th Ave
Wheat Ridge CO 80033
Telephone Number: (303) 433-0479
Email Address: mce3@eagle-labor.com

Project Manager: Martin Eckert III
Project Name: Agricultural Products Federal #32-17
Project Number: NIM
Samples Collected By: NIM

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summ #		
MN-11	5/6/20	1240	3	X				X			X BTEX	1
MN-12		1249	1									2
MN-13		1255	1									3
MN-14		1300	1									4
												5
												6
												7
												8
												9
												10

Relinquished By: [Signature] Date: 5/6/20 Time: 1715
Relinquished By: [Signature] Date: 5/6/20 Time: 1715

Received By: [Signature] Date: 5/6/20 Time: 1715
Received By: [Signature] Date: 5/6/20 Time: 1715

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

Date Results Needed: N05K

Temp Received: 1.6

[Signature]

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, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Agricultural Products Federal #32-17

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y005077

Client: Eagle

Client Project ID: Agricultural Products Fed #32-

Checklist Completed by: SCJ

Shipped Via: HD

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

Date/time completed: 5/7/20

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 1.6 °C / °C / °C (Describe)

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⁾ ?	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for 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 checked="" type="checkbox"/>	<input type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed By (Project Manager) Jm

5-8-20
Date/Time Reviewed

Origins Laboratory, Inc.

Jm

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: Noble - Agricultural Products Federal #32-17

MW-01R

5/6/2020 11:27:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc. Y005077-01 (Water)

BTEX by EPA 8260D

Benzene	132	4.00	ug/L	4	B0E0703	KDK	05/07/2020	05/08/2020	
Toluene	ND	1.00	"	1	"	KDK	"	05/08/2020	U
Ethylbenzene	44.8	1.00	"	"	"	KDK	"	"	
Xylenes, total	572	4.00	"	4	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	"	"	"
Surrogate: Toluene-d8	109 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	122 %	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: Noble - Agricultural Products Federal #32-17

MW-02R

5/6/2020 11:36:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.

Y005077-02 (Water)

BTEX by EPA 8260D

Benzene	1.59	1.00	ug/L	1	B0E0703	KDK	05/07/2020	05/08/2020	
Toluene	ND	1.00	"	"	"	KDK	"	05/08/2020	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4
Surrogate: Toluene-d8
Surrogate: 4-Bromofluorobenzene

101 % 70-130
103 % 70-130
124 % 70-130

" "
" "
" "

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: Noble - Agricultural Products Federal #32-17

MW-03R

5/6/2020 11:43:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y005077-03 (Water)

BTEX by EPA 8260D

Benzene	73.8	1.00	ug/L	1	B0E0703	KDK	05/07/2020	05/08/2020	
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	21.8	1.00	"	"	"	KDK	"	"	
Xylenes, total	267	1.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130			"	"	"	
Surrogate: Toluene-d8	111 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	122 %	70-130			"	"	"	

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: Noble - Agricultural Products Federal #32-17

MW-04R

5/6/2020 11:50:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y005077-04 (Water)

BTEX by EPA 8260D

Benzene	34.0	1.00	ug/L	1	B0E0703	KDK	05/07/2020	05/08/2020	
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	246	10.0	"	10	"	KDK	"	05/08/2020	
Xylenes, total	1340	10.0	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130			"	"	05/08/2020
Surrogate: Toluene-d8	109 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	122 %	70-130			"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-05R

5/6/2020 11:56:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-05 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	KDK	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	17.8	1.00	"	"	"	KDK	"	05/08/2020	
Xylenes, total	114	1.00	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130			"	"	05/08/2020
Surrogate: Toluene-d8	106 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	123 %	70-130			"	"	"

Origins Laboratory, Inc.



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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-06R2

5/6/2020 12:05:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-06 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	KDK	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	100 %	70-130	"	"	"
Surrogate: Toluene-d8	108 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	124 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-07

5/6/2020 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-07 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	KDK	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	122 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-08

5/6/2020 12:21:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-08 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130	"	"	"
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	78.1 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-09

5/6/2020 12:27:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y005077-09 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	2.84	1.00	"	"	"	ZZZ	"	"	
Xylenes, total	32.5	1.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	120 %	70-130			"	"	"
Surrogate: Toluene-d8	102 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	79.5 %	70-130			"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-10
5/6/2020 12:33:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y005077-10 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	3.53	1.00	"	"	"	ZZZ	"	"	

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"
Surrogate: Toluene-d8	105 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	80.0 %	70-130			"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
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Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-11

5/6/2020 12:40:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-11 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	119 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	79.0 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-12

5/6/2020 12:49:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-12 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	121 %	70-130	"	"	"
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	80.7 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Agricultural Products Federal #32-17

MW-13

5/6/2020 12:55:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-13 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	119 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	80.1 %	70-130	"	"	"

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: Noble - Agricultural Products Federal #32-17

MW-14

5/6/2020 1:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y005077-14 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B0E0703	ZZZ	05/07/2020	05/08/2020	U
Toluene	ND	1.00	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	1.00	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	1.00	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	80.3 %	70-130	"	"	"

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: Noble - Agricultural Products Federal #32-17

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 B0E0703 - EPA 5030B (Water)

Blank (B0E0703-BLK1)

Prepared: 05/07/2020 Analyzed: 05/07/2020

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5	103		70-130			
Surrogate: Toluene-d8	64		"	62.5	103		70-130			
Surrogate: 4-Bromofluorobenzene	76		"	62.5	122		70-130			

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: Noble - Agricultural Products Federal #32-17

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 B0E0703 - EPA 5030B (Water)

LCS (B0E0703-BS1)

Prepared: 05/07/2020 Analyzed: 05/07/2020

Benzene	44.2	1.00	ug/L	50.0		88.3	70-130			
Toluene	48.0	1.00	"	50.0		96.1	70-130			
Ethylbenzene	43.2	1.00	"	50.0		86.4	70-130			
m,p-Xylene	91.3	2.00	"	100		91.3	70-130			
o-Xylene	45.8	1.00	"	50.0		91.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		95.5	70-130			
Surrogate: Toluene-d8	64		"	62.5		103	70-130			
Surrogate: 4-Bromofluorobenzene	77		"	62.5		124	70-130			

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: Noble - Agricultural Products Federal #32-17

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 B0E0703 - EPA 5030B (Water)

Matrix Spike (B0E0703-MS1)		Source: Y005075-01			Prepared: 05/07/2020 Analyzed: 05/08/2020					
Benzene	53.6	1.00	ug/L	50.0	5.63	96.0	70-130			
Toluene	55.0	1.00	"	50.0	ND	110	70-130			
Ethylbenzene	49.2	1.00	"	50.0	ND	98.5	70-130			
m,p-Xylene	103	2.00	"	100	ND	103	70-130			
o-Xylene	49.4	1.00	"	50.0	ND	98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		96.7	70-130			
Surrogate: Toluene-d8	65		"	62.5		103	70-130			
Surrogate: 4-Bromofluorobenzene	77		"	62.5		123	70-130			

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8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Agricultural Products Federal #32-17

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 B0E0703 - EPA 5030B (Water)

Matrix Spike Dup (B0E0703-MSD1)		Source: Y005075-01			Prepared: 05/07/2020 Analyzed: 05/08/2020					
Benzene	55.2	1.00	ug/L	50.0	5.63	99.1	70-130	2.85	20	
Toluene	56.4	1.00	"	50.0	ND	113	70-130	2.53	20	
Ethylbenzene	51.0	1.00	"	50.0	ND	102	70-130	3.49	20	
m,p-Xylene	106	2.00	"	100	ND	106	70-130	2.94	20	
o-Xylene	51.3	1.00	"	50.0	ND	103	70-130	3.87	20	
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		95.8	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	77		"	62.5		123	70-130			

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: Noble - Agricultural Products Federal
#32-17

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 at a wet weight basis.

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