

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80401

303.277.9310

July 24, 2023

Martin Eckert III

Eagle Environmental Consulting

8000 W 44th Ave

Wheat Ridge, CO 80033

RE: Civitas - Regnier Farms 19H-B268

Work Order # 2307406

Enclosed are the results of analyses for samples received by Summit Scientific on 07/21/23 14:19. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DRAFT REPORT

DATA SUBJECT TO CHANGE



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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-SS-01@4-5'	2307406-01	Soil	07/21/23 09:10	07/21/23 14:19
HA-SS-01@9-10'	2307406-02	Soil	07/21/23 09:20	07/21/23 14:19
HA-SS-02@4-5'	2307406-03	Soil	07/21/23 09:30	07/21/23 14:19
HA-SS-02@9-10'	2307406-04	Soil	07/21/23 09:40	07/21/23 14:19
HA-SS-03@4-5'	2307406-05	Soil	07/21/23 09:50	07/21/23 14:19
HA-SS-03@9-10'	2307406-06	Soil	07/21/23 10:00	07/21/23 14:19
HA-SS-04@4-5'	2307406-07	Soil	07/21/23 10:10	07/21/23 14:19
HA-SS-04@9-10'	2307406-08	Soil	07/21/23 10:20	07/21/23 14:19
HA-SS-05@4-5'	2307406-09	Soil	07/21/23 10:30	07/21/23 14:19
HA-SS-05@9-10'	2307406-10	Soil	07/21/23 10:40	07/21/23 14:19
HA-SS-06@4-5'	2307406-11	Soil	07/21/23 10:50	07/21/23 14:19
HA-SS-06@9-10'	2307406-12	Soil	07/21/23 11:00	07/21/23 14:19

DRAFT REPORT

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.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 1
2307406	

Client: <u>Eagle Environmental Consulting</u>		Send Data To:		Send Invoice To:	
Address: <u>8000 W 44th Ave</u>		Project Manager: <u>Martha Eckert III</u>		Company: <u>Civitas</u>	
City/State/Zip: <u>Wheat Ridge, CO 80033</u>		E-Mail: <u>mce3@eagle-enviro.com</u>		Project Name/Location:	
Phone: <u>303-433-0479</u>		Project Name: <u>Regnier Farms 19H-B268</u>		AFE#:	
Sampler Name: <u>TC</u>		Project Number: <u> </u>		PO/Billing Codes:	
				Contact: <u>Costin</u>	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix		Air-Canister #	Other	Analysis Requested								Special Instructions
					HCl	HNO3	None	Other	Water	Soil											
1	HA-SS-01 @ 4-5'	7-21-23	0910	2			X			X			X	X	X	X	X	X	X	X	EC, SAR, pH =
2	HA-SS-01 @ 9-10'		0920										X	X	X	X	X	X	X	X	Saturated Paste Progs
3	HA-SS-02 @ 4-5'		0930																		
4	HA-SS-02 @ 9-10'		0940																		@ MDLs needed
5	HA-SS-03 @ 4-5'		0950																		
6	HA-SS-03 @ 9-10'		1000																		
7	HA-SS-04 @ 4-5'		1010																		
8	HA-SS-04 @ 9-10'		1020																		
9	HA-SS-05 @ 4-5'		1030																		
10	HA-SS-05 @ 9-10'		1040																		
11	HA-SS-06 @ 4-5'		1050																		
12	HA-SS-06 @ 9-10'		1100																		
13																					
14																					
15																					

Relinquished by: <u>Trevor Copple</u>	Date/Time: <u>7-21-23/1418</u>	Received by: <u>John Wad</u>	Date/Time: <u>7/21/23 14:19</u>	TAT Business Days	Field DO	Notes:
				Same Day <input checked="" type="checkbox"/>	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: <u>-0.3</u>	Corrected Temperature	IR gun #: <u>2</u>	HNO3 lot #:			

S₂

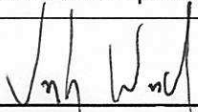
Sample Receipt Checklist

S2 Work Order# 2307406Client: Eagle Client Project ID: Regnier Farms 194-B268Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: _____

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) -0.3 Thermometer # Z

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on ice
If custody seals are present, are they intact? ⁽¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same day
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
For volatiles in water – is there headspace 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 (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<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 in case narrative.

 Custodian Printed Name

7/21/23 14:19
 Date/Time



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

Project: Civitas - Regnier Farms 19H-B268
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-01@4-5'
2307406-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 09:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 09:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		96.4 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		90.7 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 09:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.0	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.8	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 09:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		60.6 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-01@9-10'
2307406-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 09:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 09:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		96.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		91.6 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 09:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.1	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.6	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 09:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		56.6 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-02@4-5'
2307406-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 09:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 09:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		88.0 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		88.1 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 09:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.0	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.4	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 09:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		54.1 %		30-150		"	"	"	"	

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

Project: Civitas - Regnier Farms 19H-B268
Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-02@9-10'
2307406-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 09:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 09:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		67.1 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		88.4 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 09:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.4	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.3	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 09:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		52.3 %		30-150		"	"	"	"	

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:

07/24/23 06:37

HA-SS-03@4-5'

2307406-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		90.4 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		89.0 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.9	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.0	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		56.9 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:

07/24/23 06:37

HA-SS-03@9-10'

2307406-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		89.5 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		87.8 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.8	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	4.9	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		74.7 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-04@4-5'
2307406-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		92.0 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		89.0 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.5	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.0	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		73.9 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-04@9-10'
2307406-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		87.5 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		87.4 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.3	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.0	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		81.6 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-05@4-5'
2307406-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		88.1 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		89.5 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.8	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.4	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		83.8 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-05@9-10'
2307406-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		86.3 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		89.2 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.3	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.5	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		86.5 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

HA-SS-06@4-5'
2307406-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		82.4 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		91.0 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.6	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	5.3	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		87.8 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]

Project Manager: Martin Eckert III

Reported:

07/24/23 06:37

HA-SS-06@9-10'

2307406-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/21/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Benzene	ND	0.0020	0.000098	mg/kg	1	BGG0694	07/21/23	07/21/23	EPA 8260B	
Toluene	ND	0.0050	0.00025	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	0.00021	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	0.00044	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	0.00024	"	"	"	"	"	"	
Naphthalene	ND	0.0038	0.00036	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **07/21/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: 1,2-Dichloroethane-d4		83.6 %		50-150		"	"	"	"	
Surrogate: Toluene-d8		87.9 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/21/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
C10-C28 (DRO)	7.8	50	4.3	mg/kg	1	BGG0695	07/21/23	07/21/23	EPA 8015M	J
C28-C36 (ORO)	4.9	50	4.3	"	"	"	"	"	"	J

Date Sampled: **07/21/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	MDL							
Surrogate: o-Terphenyl		83.6 %		30-150		"	"	"	"	

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGG0694 - EPA 5030 Soil MS

Blank (BGG0694-BLK1)

Prepared: 07/21/23 Analyzed: 07/22/23

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0321		"	0.0400		80.2	50-150			
Surrogate: Toluene-d8	0.0351		"	0.0400		87.7	50-150			
Surrogate: 4-Bromofluorobenzene	0.0407		"	0.0400		102	50-150			

LCS (BGG0694-BS1)

Prepared: 07/21/23 Analyzed: 07/22/23

Benzene	0.184	0.0020	mg/kg	0.200		92.1	70-130			
Toluene	0.189	0.0050	"	0.200		94.4	70-130			
Ethylbenzene	0.235	0.0050	"	0.200		117	70-130			
m,p-Xylene	0.467	0.010	"	0.400		117	70-130			
o-Xylene	0.221	0.0050	"	0.200		110	70-130			
1,2,4-Trimethylbenzene	0.242	0.0050	"	0.200		121	70-130			
1,3,5-Trimethylbenzene	0.243	0.0050	"	0.200		122	70-130			
Naphthalene	0.179	0.0038	"	0.200		89.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0284		"	0.0400		70.9	50-150			
Surrogate: Toluene-d8	0.0350		"	0.0400		87.4	50-150			
Surrogate: 4-Bromofluorobenzene	0.0413		"	0.0400		103	50-150			

Matrix Spike (BGG0694-MS1)

Source: 2307406-01

Prepared: 07/21/23 Analyzed: 07/22/23

Benzene	0.182	0.0020	mg/kg	0.200	ND	91.1	70-130			
Toluene	0.184	0.0050	"	0.200	ND	92.1	70-130			
Ethylbenzene	0.231	0.0050	"	0.200	ND	115	70-130			
m,p-Xylene	0.462	0.010	"	0.400	ND	116	70-130			
o-Xylene	0.222	0.0050	"	0.200	ND	111	70-130			
1,2,4-Trimethylbenzene	0.240	0.0050	"	0.200	ND	120	70-130			
1,3,5-Trimethylbenzene	0.243	0.0050	"	0.200	ND	121	70-130			
Naphthalene	0.203	0.0038	"	0.200	ND	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0301		"	0.0400		75.2	50-150			
Surrogate: Toluene-d8	0.0342		"	0.0400		85.5	50-150			
Surrogate: 4-Bromofluorobenzene	0.0416		"	0.0400		104	50-150			

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGG0694 - EPA 5030 Soil MS

Matrix Spike Dup (BGG0694-MSD1)	Source: 2307406-01			Prepared: 07/21/23 Analyzed: 07/22/23						
Benzene	0.172	0.0020	mg/kg	0.200	ND	85.9	70-130	5.83	30	
Toluene	0.177	0.0050	"	0.200	ND	88.6	70-130	3.89	30	
Ethylbenzene	0.218	0.0050	"	0.200	ND	109	70-130	5.40	30	
m,p-Xylene	0.439	0.010	"	0.400	ND	110	70-130	5.29	30	
o-Xylene	0.211	0.0050	"	0.200	ND	105	70-130	5.23	30	
1,2,4-Trimethylbenzene	0.231	0.0050	"	0.200	ND	115	70-130	3.70	30	
1,3,5-Trimethylbenzene	0.228	0.0050	"	0.200	ND	114	70-130	6.17	30	
Naphthalene	0.195	0.0038	"	0.200	ND	97.6	70-130	4.10	30	
Surrogate: 1,2-Dichloroethane-d4	0.0314		"	0.0400		78.5	50-150			
Surrogate: Toluene-d8	0.0353		"	0.0400		88.2	50-150			
Surrogate: 4-Bromofluorobenzene	0.0424		"	0.0400		106	50-150			

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGG0695 - EPA 3550A

Blank (BGG0695-BLK1)

Prepared: 07/21/23 Analyzed: 07/22/23

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							
Surrogate: o-Terphenyl	11.5		"	12.5		91.8	30-150			

LCS (BGG0695-BS1)

Prepared: 07/21/23 Analyzed: 07/22/23

C10-C28 (DRO)	425	50	mg/kg	500		85.0	70-130			
Surrogate: o-Terphenyl	11.1		"	12.5		89.2	30-150			

Matrix Spike (BGG0695-MS1)

Source: 2307406-01

Prepared: 07/21/23 Analyzed: 07/22/23

C10-C28 (DRO)	451	50	mg/kg	500	7.00	88.9	70-130			
Surrogate: o-Terphenyl	11.5		"	12.5		91.9	30-150			

Matrix Spike Dup (BGG0695-MSD1)

Source: 2307406-01

Prepared: 07/21/23 Analyzed: 07/22/23

C10-C28 (DRO)	460	50	mg/kg	500	7.00	90.5	70-130	1.79	20	
Surrogate: o-Terphenyl	11.4		"	12.5		91.0	30-150			

DRAFT REPORT

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

Project: Civitas - Regnier Farms 19H-B268

Project Number: [none]
Project Manager: Martin Eckert III

Reported:
07/24/23 06:37

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference