

Prosper Farms 4-65 2-1-6

SWSW Sec. 2-T4S-R65W

Facility ID: 443722

Remediation Project #: 26749

Form 19 Data Package

January 2023



Prepared by Tasman, Inc.







On behalf of Crestone Peak Resources Operating, LLC





PHOTO LOG

					
<p>Equipment ID: _____ Equipment Type: _____</p> <p>Material: _____ Volume: _____ Contents: _____</p> <p>Notes/Conditions: Soil screening and sampling location, facing N</p>			<p>Equipment ID: _____ Equipment Type: _____</p> <p>Material: _____ Volume: _____ Contents: _____</p> <p>Notes/Conditions: Soil screening and sampling location, facing N</p>		



					
<p>Equipment ID: _____ Equipment Type: _____</p> <p>Material: _____ Volume: _____ Contents: _____</p> <p>Notes/Conditions: Soil screening and sampling location, facing N</p>			<p>Equipment ID: _____ Equipment Type: _____</p> <p>Material: _____ Volume: _____ Contents: _____</p> <p>Notes/Conditions: Soil screening and sampling location, facing N</p>		

					
<p>Equipment ID: _____ Equipment Type: _____</p> <p>Material: _____ Volume: _____ Contents: _____</p> <p>Notes/Conditions: Soil screening and sampling location, facing N</p>			<p>Equipment ID: _____ Equipment Type: _____</p> <p>Material: _____ Volume: _____ Contents: _____</p> <p>Notes/Conditions: Soil screening and sampling location, facing N</p>		

						
						Equipment ID: Equipment Type:
Material:		Volume:	Contents:		Notes/Conditions: Soil screening and sampling location, facing N	
Material:		Volume:	Contents:		Notes/Conditions: Soil screening and sampling location, facing N	





Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: Soil screening and sampling location, facing E				Notes/Conditions: Soil screening and sampling location, facing E			


					
<p>Equipment ID: Equipment Type:</p> <p>Material: Volume: Contents:</p> <p>Notes/Conditions: Soil screening location, facing E</p>			<p>Equipment ID: Equipment Type:</p> <p>Material: Volume: Contents:</p> <p>Notes/Conditions: Soil screening location, facing E</p>		




Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: Soil screening location, facing N				Notes/Conditions: Soil screening location, facing N			

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil screening location, facing S. ECD Flare Location			Notes/Conditions: Soil screening location, facing W		

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil screening location, facing W			Notes/Conditions: Soil screening and sampling location, facing N		

					
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil screening location, facing N			Notes/Conditions: Soil screening location, facing N		

					
Equipment ID:		Equipment Type:	Equipment ID:		Equipment Type:
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil screening and sampling location, facing W			Notes/Conditions:		

FIGURES

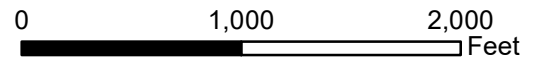
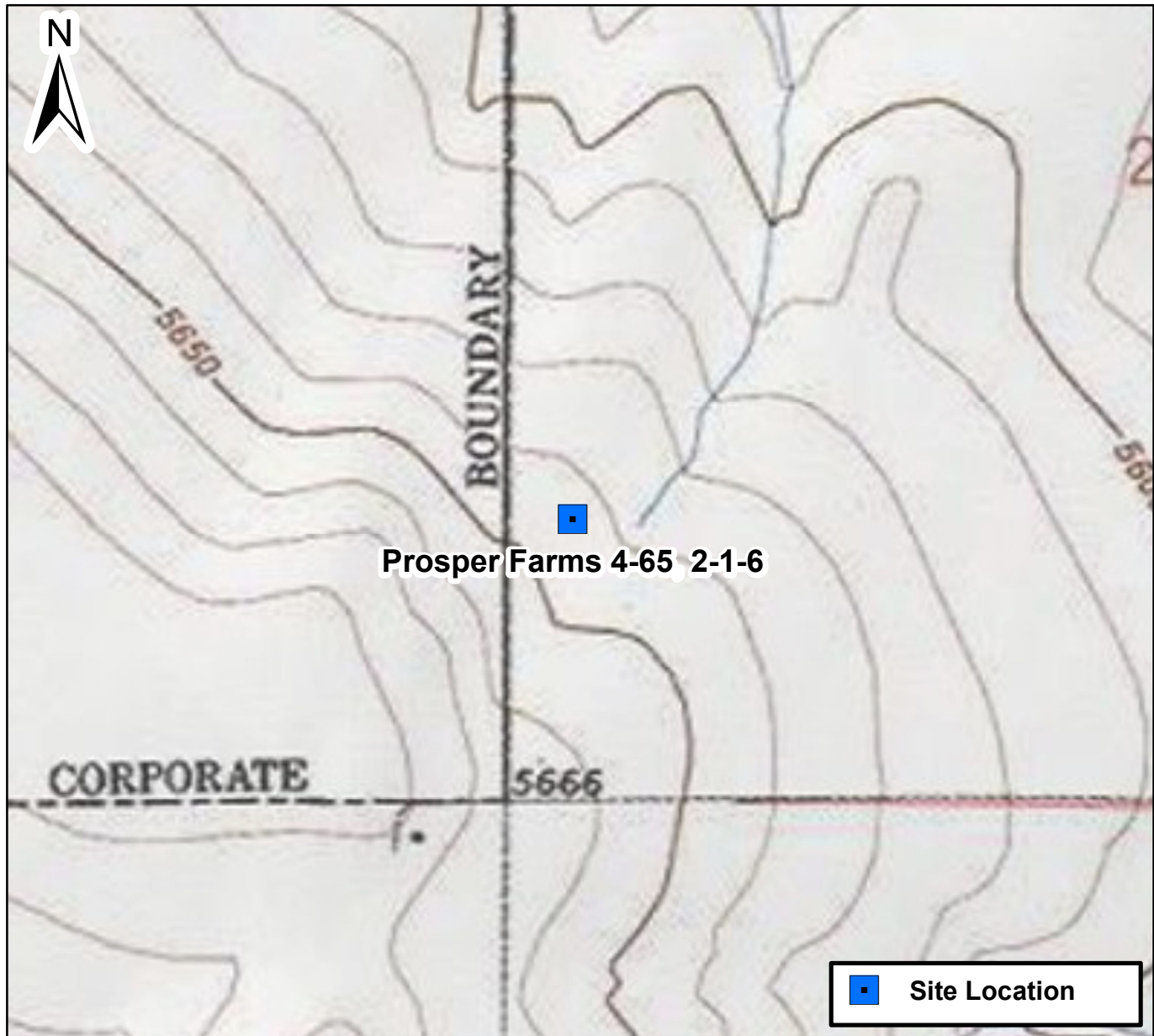
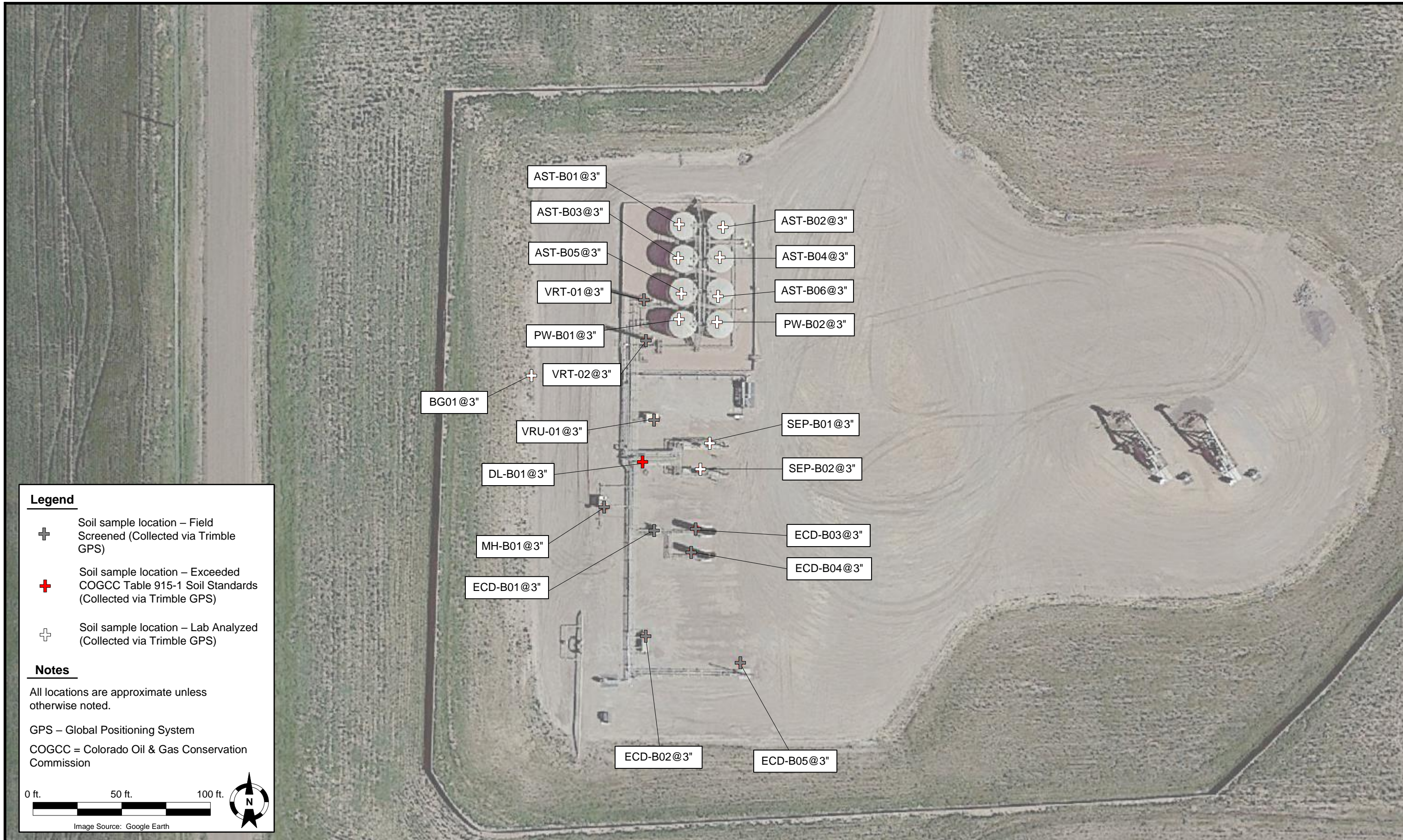





Figure 1

Site Location Map Prosper Farms 4-65 2-1-6
 SWSW Sec. 2-T4S-R65W
 Arapahoe County, Colorado





Legend

-  Soil sample location – Field Screened (Collected via Trimble GPS)
-  Soil sample location – Exceeded COGCC Table 915-1 Soil Standards (Collected via Trimble GPS)
-  Soil sample location – Lab Analyzed (Collected via Trimble GPS)

Notes

All locations are approximate unless otherwise noted.

GPS – Global Positioning System

COGCC = Colorado Oil & Gas Conservation Commission

0 ft. 50 ft. 100 ft.



Image Source: Google Earth

DATE:	January 30, 2023
DESIGNED BY:	S. Vogt
DRAWN BY:	S. Vogt



Tasman, Inc.
6855 W. 119th Avenue
Broomfield, Colorado 80020

Crestone Peak Resources Operating, LLC
Prosper Farms 4-65 2-1-6
SWSW Sec. 2-T4S-R65W
Arapahoe County, Colorado

Soil Sample Location Map

FIGURE
2

TABLES

TABLE 1
PROSPER FARMS 4-65 2-1-6
SOIL SAMPLE LOCATIONS



CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
AST-B01@3"	01/27/2023	0.6	39.72915057	-104.6398079	1.1	Y
AST-B02@3"	01/27/2023	0.2	39.72914627	-104.6397195	1.1	Y
AST-B03@3"	01/27/2023	0.4	39.72909805	-104.6398086	1	Y
AST-B04@3"	01/27/2023	0.4	39.72909924	-104.6397265	1	Y
AST-B05@3"	01/27/2023	0	39.72904345	-104.6398035	1	Y
AST-B06@3"	01/27/2023	0.3	39.72903868	-104.6397304	1	Y
BG01@3"	01/27/2023	0	39.72891695	-104.6401039	0.8	Y
DL-B01@3"	01/27/2023	240	39.72878389	-104.6398835	0.8	Y
ECD-B01@3"	01/27/2023	0.1	39.72868029	-104.639775	0.7	N
ECD-B02@3"	01/27/2023	0	39.72851321	-104.6398763	0.7	N
ECD-B03@3"	01/27/2023	0.2	39.72867877	-104.6397768	0.8	N
ECD-B04@3"	01/27/2023	0.5	39.72864319	-104.6397863	0.7	N
ECD-B05@3"	01/27/2023	0.2	39.72847072	-104.6396882	0.8	N
MH-01@3"	01/27/2023	0.3	39.72871407	-104.6399597	0.8	N
PW-B01@3"	01/27/2023	0.4	39.72900372	-104.6398078	0.9	Y
PW-B02@3"	01/27/2023	0.1	39.72899855	-104.6397312	0.9	Y
SEP-B01@3"	01/27/2023	0	39.72881207	-104.6397473	0.8	Y
SEP-B02@3"	01/27/2023	0	39.72877085	-104.6397659	0.8	Y
VRT-01@3"	01/27/2023	1.8	39.72897089	-104.6398755	0.9	N
VRT-02@3"	01/27/2023	4	39.72903391	-104.6398782	0.9	N
VRU-01@3"	01/27/2023	0	39.72884802	-104.6398594	0.8	N

Notes:

PID = Photoionization Detector

ppm = parts per million

HC = Hydrocarbon

GPS = Global Positioning System

PDOP = Position Dilution of Precision

- = Not Applicable

TABLE 2
PROSPER FARMS 4-65 2-1-6
SOIL ANALYTICAL DATA - VOCs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
COGCC Organic Compounds in Soils ⁽¹⁾		0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
COGCC Organic Compounds in Soils ⁽²⁾		1.2	490	5.8	58	2	500			30	27
AST-B01@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-B02@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-B03@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-B04@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-B05@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-B06@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
PW-B01@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
PW-B02@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SEP-B01@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SEP-B02@3"	01/27/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
DL-B01@3"	01/27/2023	0.57	5.3	2.2	8.1	1.3	200	<50	<50	2.5	0.85

Notes:

VOCs = Volatile Organic Compounds

(1) Standards for soil are taken from COGCC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from COGCC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = milligrams per kilogram

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

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

TEPH - ORO = Total Extractable Petroleum Hydrocarbons - Oil Range Organics

1,2,4 - TMB = 1,2,4 - Trimethylbenzene

1,3,5 - TMB = 1,3,5 - Trimethylbenzene

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

TABLE 3
PROSPER FARMS 4-65 2-1-6
SOIL ANALYTICAL DATA - PAHs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Date	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)A (mg/kg)	Benzo(b)F (mg/kg)	Benzo(k)F (mg/kg)	Benzo(a)P (mg/kg)	Chrysene (mg/kg)	D (a,h) A (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	1-M (mg/kg)	2-M (mg/kg)	Pyrene (mg/kg)
COGCC Organic Compounds in Soils ⁽¹⁾		0.55	5.8	0.011	0.3	2.9	0.24	9	0.96	8.9	0.54	0.98	0.006	0.019	1.3
COGCC Organic Compounds in Soils ⁽²⁾		360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180
AST-B01@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
AST-B02@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
AST-B03@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
AST-B04@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
AST-B05@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
AST-B06@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
PW-B01@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
PW-B02@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
SEP-B01@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
SEP-B02@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
DL-B01@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

Notes:

PAHs = Polycyclic Aromatic Hydrocarbons

(1) Standards for soil are taken from COGCC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from COGCC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = milligrams per kilogram

Benzo(a)A = Benzo(a)Anthracene

Benzo(b)F = Benzo(b)Fluoranthene

Benzo(k)F = Benzo(k)Fluoranthene

Benzo(a)P = Benzo(a)Pyrene

D (a,h) A = Dibenz(a,h)Anthracene

1,2,3-CD = Indeno(1,2,3-cd)Pyrene

1-M = 1-Methylnaphthalene

2-M = 2-Methylnaphthalene

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

TABLE 4
PROSPER FARMS 4-65 2-1-6
SOIL ANALYTICAL DATA - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
COGCC Metals in Soils ⁽¹⁾		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
COGCC Metals in Soils ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
DL-B01@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
BACKGROUND											
BG01@3"	01/27/2023	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

Notes:

(1) Standards for soil are taken from COGCC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from COGCC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory minimum detection limit

mg/kg = milligrams per kilogram

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations

Italics = Laboratory minimum detection limit exceeds the COGCC Table 915-1 Standard

* Result exceeded the COGCC Table 915-1 standard, but was within site-specific 1.25x background multiplier levels

TABLE 5
PROSPER FARMS 4-65 2-1-6
SOIL ANALYTICAL DATA - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC



Soil Sample Location	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
COGCC Soil Suitability for Reclamation⁽¹⁾		6 - 8.3	< 6	< 4	2
AST-B01@3"	01/27/2023	Pending	Pending	Pending	Pending
AST-B02@3"	01/27/2023	Pending	Pending	Pending	Pending
AST-B03@3"	01/27/2023	Pending	Pending	Pending	Pending
AST-B04@3"	01/27/2023	Pending	Pending	Pending	Pending
AST-B05@3"	01/27/2023	Pending	Pending	Pending	Pending
AST-B06@3"	01/27/2023	Pending	Pending	Pending	Pending
PW-B01@3"	01/27/2023	Pending	Pending	Pending	Pending
PW-B02@3"	01/27/2023	Pending	Pending	Pending	Pending
SEP-B01@3"	01/27/2023	Pending	Pending	Pending	Pending
SEP-B02@3"	01/27/2023	Pending	Pending	Pending	Pending
DL-B01@3"	01/27/2023	Pending	Pending	Pending	Pending
BACKGROUND					
BG01@3"	01/27/2023	Pending	Pending	Pending	Pending

Notes:

(1) Standards for soil are taken from COGCC Table 915-1: Soil Suitability for Reclamation (Effective January 15, 2021)

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mmhos/cm = millimhos per centimeter

mg/L = milligrams per liter

pH = Potential of Hydrogen

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

BOLD = Analytical result is in exceedance of COGCC Table 915-1: Soil Suitability for Reclamation Concentrations

* Result exceeded the COGCC Table 915-1 standard, but was within site-specific background concentrations

LABORATORY ANALYTICAL DATA

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

January 29, 2023

Sam Vogt

Civitas Resources

650 Southgate Drive

Windsor, CO 80550

RE: Prosper Farms 4-65-2-1-6

Work Order #2301505

Enclosed are the results of analyses for samples received by Summit Scientific on 01/27/23 17:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury

President



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133

Project Manager: Sam Vogt

Reported:
01/29/23 20:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST-B01@3"	2301505-01	Soil	01/27/23 10:00	01/27/23 17:55
AST-B02@3"	2301505-02	Soil	01/27/23 10:10	01/27/23 17:55
AST-B03@3"	2301505-03	Soil	01/27/23 10:20	01/27/23 17:55
AST-B04@3"	2301505-04	Soil	01/27/23 10:30	01/27/23 17:55
AST-B05@3"	2301505-05	Soil	01/27/23 10:40	01/27/23 17:55
AST-B06@3"	2301505-06	Soil	01/27/23 11:00	01/27/23 17:55
PW-B01@3"	2301505-07	Soil	01/27/23 11:10	01/27/23 17:55
PW-B02@3"	2301505-08	Soil	01/27/23 11:20	01/27/23 17:55
SEP-B01@3"	2301505-10	Soil	01/27/23 11:40	01/27/23 17:55
SEP-B02@3"	2301505-11	Soil	01/27/23 11:50	01/27/23 17:55
DL-B01@3"	2301505-12	Soil	01/27/23 13:30	01/27/23 17:55

Summit Scientific

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

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (F)

Client: Civitas/Tosman Project Manager: Sam Vogt/Jacob Evans
 Address: 6855 W. 119th Ave E-Mail: svogt@tosman-geo.com; jevans@ciresources.com
 City/State/Zip: Broomfield, CO 80020 Project Name: Prosper Farms 4-63 21-6
 Phone: (616) 405 9078 Project Number: AFE# 22133
 Sampler Name: Chris Girardi + Dylan Miller

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested						Special Instructions
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	STEXN-8260B	TPH (CG-036)	pH EC SAR	Baron-HWS	TMBs (124) (133)	PAH-915	
1	AST-Bφ1e3"	1/27/23	1000	2			X			X			X	X	X	X	X		
2	AST-Bφ2e3"		1010				X			X			X	X	X	X	X		
3	AST-Bφ3e3"		1020				X			X			X	X	X	X	X		
4	AST-Bφ4e3"		1030				X			X			X	X	X	X	X		
5	AST-Bφ5e3"		1040				X			X			X	X	X	X	X		
6	AST-Bφ6e3"		1100				X			X			X	X	X	X	X		
7	PW-Bφ1e3"		1110				X			X			X	X	X	X	X		
8	PW-Bφ2e3"		1120				X			X			X	X	X	X	X		
9	Bφ1e3"		1130				X			X			X	X	X	X	X		
10	SEP-Bφ1e3"		1140				X			X			X	X	X	X	X		

Relinquished by: <u>Chris Girardi</u>	Date/Time: <u>1/27/23 1430</u>	Received by: <u>Tosman Lockbox</u>	Date/Time: <u>1/27/23 1430</u>	Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 hours <input type="checkbox"/> Sample Integrity: Temperature Upon Receipt: <u>6.7</u> Samples Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Notes: pH, EC, SAR = saturated paste hot BW = Baron Water
Relinquished by: <u>Tosman Lockbox</u>	Date/Time: <u>1/27/23 1755</u>	Received by: <u>[Signature]</u>	Date/Time: <u>1/27/23 1755</u>		
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Summit Scientific

S₂

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Client: Civitas/Tasman

Project Manager: Sam Vayt / Jacob Evans

Address: 6855 W. 119th Ave

E-Mail: svayt@tasman-yes.com; j.evans@civiresources.com

City/State/Zip: Broomfield, CO 80020

Phone: (610) 405-9078

Project Name: Prosper Farms 4-65 21-6

Sampler Name: Chris Girardi + Pylon Miller

Project Number: AFE# 22133

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested							Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	STEXN-82605	TPH(C6-C36)	pH, EC, SAR*	Born-HWS**	TMB5 (1,2,4,3,5)	PAH-915	Metals-915		
1	SEP- Bφ2 e3"	1/27/23	1150	2			X							X	X	X	X	X	X		
2	DL- Bφ1 e3"	↓	1330	↓			↓							X	X	X	X	X	X	X	
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: <u>Chris Girardi</u>	Date/Time: <u>1/27/23 1430</u>	Received by: <u>Tasman Lockbox</u>	Date/Time: <u>1/27/23 1430</u>	Turn Around Time (Check) Same Day <u>X</u> 72 hours <u>—</u> 24 hours <u>—</u> Standard <u>—</u> 48 hours <u>—</u> Sample Integrity: Temperature Upon Receipt: <u>6.7</u> Samples Intact: <u>Yes</u> No	Notes: * pH, EC, SAR = saturated paste ** = Born-HW = Hot Water
Relinquished by: <u>Tasman Lockbox</u>	Date/Time: <u>1/27/23 1755</u>	Received by: <u>[Signature]</u>	Date/Time: <u>1/27/23 1755</u>		
Relinquished by:	Date/Time:	Received by:	Date/Time:		

S₂

2/2
Sample Receipt Checklist

S2 Work Order# 2301505

Client: Ciutas/Trasman Client Project ID: Prosper farms 4-65-21-6

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

-

Matrix (Check all that apply) Air Sol/Solid Water Other

Temp (°C) Thermometer #

	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"/>	
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CWJAE
Are samples due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sameday
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

1.27.23
Date/Time



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

AST-B01@3"
2301505-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **01/27/23 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0410	102 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0401	100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0441	110 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/27/23 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	13.1	105 %	30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

AST-B02@3"
2301505-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0374	93.4 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0389	97.4 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0432	108 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.5	92.0 %		30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

AST-B03@3"
2301505-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0425	106 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0400	100 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0438	109 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.4	91.1 %		30-150		"	"	"	"	

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

AST-B04@3"
2301505-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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	"	"	"	"	"	"	

Date Sampled: **01/27/23 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0459	115 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0413	103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0472	118 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/27/23 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	11.1	88.9 %	30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

AST-B05@3"
2301505-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0434	108 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0410	102 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0450	113 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.1	88.8 %		30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

AST-B06@3"
2301505-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0388	97.0 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0383	95.7 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0439	110 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.2	89.9 %		30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

PW-B01@3"
2301505-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/28/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0380	94.9 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0395	98.8 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0439	110 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	16.0	128 %		30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

PW-B02@3"
2301505-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/29/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0375	93.7 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0397	99.2 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0435	109 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	15.3	123 %		30-150		"	"	"	"	

Summit Scientific

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

SEP-B01@3"
2301505-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/29/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0395	98.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0399	99.8 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0429	107 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	15.6	125 %		30-150		"	"	"	"	

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

SEP-B02@3"
2301505-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 11:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGA0697	01/27/23	01/29/23	EPA 8260B	
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		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0407	102 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0401	100 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0462	116 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 11:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **01/27/23 11:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	15.7	126 %		30-150		"	"	"	"	

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

DL-B01@3"
2301505-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/27/23 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.57	0.020	mg/kg	10	BGA0697	01/27/23	01/29/23	EPA 8260B	
Toluene	5.3	0.050	"	"	"	"	"	"	
Ethylbenzene	2.2	0.050	"	"	"	"	"	"	
Xylenes (total)	8.1	0.10	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	2.5	0.050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.85	0.050	"	"	"	"	"	"	
Naphthalene	1.3	0.038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	200	5.0	"	"	"	"	"	"	

Date Sampled: **01/27/23 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0327	81.8 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0443	111 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0409	102 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/27/23 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BGA0698	01/27/23	01/29/23	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **01/27/23 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	15.6	125 %	30-150		"	"	"	"	

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

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 BGA0697 - EPA 5030 Soil MS

Blank (BGA0697-BLK1)

Prepared: 01/27/23 Analyzed: 01/28/23

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	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0588		"	0.0400		147	50-150			
<i>Surrogate: Toluene-d8</i>	0.0384		"	0.0400		95.9	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0343		"	0.0400		85.6	50-150			

LCS (BGA0697-BS1)

Prepared: 01/27/23 Analyzed: 01/28/23

Benzene	0.0871	0.0020	mg/kg	0.100		87.1	70-130			
Toluene	0.102	0.0050	"	0.100		102	70-130			
Ethylbenzene	0.101	0.0050	"	0.100		101	70-130			
m,p-Xylene	0.237	0.010	"	0.200		119	70-130			
o-Xylene	0.111	0.0050	"	0.100		111	70-130			
1,2,4-Trimethylbenzene	0.0953	0.0050	"	0.100		95.3	70-130			
1,3,5-Trimethylbenzene	0.0992	0.0050	"	0.100		99.2	70-130			
Naphthalene	0.0942	0.0038	"	0.100		94.2	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0526		"	0.0400		131	50-150			
<i>Surrogate: Toluene-d8</i>	0.0584		"	0.0400		146	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0479		"	0.0400		120	50-150			

Matrix Spike (BGA0697-MS1)

Source: 2301492-01

Prepared: 01/27/23 Analyzed: 01/28/23

Benzene	0.0827	0.0020	mg/kg	0.100	ND	82.7	70-130			
Toluene	0.0898	0.0050	"	0.100	ND	89.8	70-130			
Ethylbenzene	0.0976	0.0050	"	0.100	ND	97.6	70-130			
m,p-Xylene	0.202	0.010	"	0.200	ND	101	70-130			
o-Xylene	0.0961	0.0050	"	0.100	ND	96.1	70-130			
1,2,4-Trimethylbenzene	0.0941	0.0050	"	0.100	ND	94.1	70-130			
1,3,5-Trimethylbenzene	0.0975	0.0050	"	0.100	ND	97.5	70-130			
Naphthalene	0.0980	0.0038	"	0.100	ND	98.0	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0347		"	0.0400		86.7	50-150			
<i>Surrogate: Toluene-d8</i>	0.0407		"	0.0400		102	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0411		"	0.0400		103	50-150			

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BGA0697 - EPA 5030 Soil MS

Matrix Spike Dup (BGA0697-MSD1)	Source: 2301492-01			Prepared: 01/27/23 Analyzed: 01/28/23						
Benzene	0.0823	0.0020	mg/kg	0.100	ND	82.3	70-130	0.509	30	
Toluene	0.0873	0.0050	"	0.100	ND	87.3	70-130	2.78	30	
Ethylbenzene	0.0967	0.0050	"	0.100	ND	96.7	70-130	0.926	30	
m,p-Xylene	0.201	0.010	"	0.200	ND	100	70-130	0.566	30	
o-Xylene	0.0961	0.0050	"	0.100	ND	96.1	70-130	0.0312	30	
1,2,4-Trimethylbenzene	0.0918	0.0050	"	0.100	ND	91.8	70-130	2.42	30	
1,3,5-Trimethylbenzene	0.0953	0.0050	"	0.100	ND	95.3	70-130	2.30	30	
Naphthalene	0.0714	0.0038	"	0.100	ND	71.4	70-130	31.3	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0343</i>		<i>"</i>	<i>0.0400</i>		<i>85.6</i>	<i>50-150</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0395</i>		<i>"</i>	<i>0.0400</i>		<i>98.8</i>	<i>50-150</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0406</i>		<i>"</i>	<i>0.0400</i>		<i>101</i>	<i>50-150</i>			

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch BGA0698 - EPA 3550A

Blank (BGA0698-BLK1)

Prepared & Analyzed: 01/27/23

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	14.0		"	12.5		112	30-150				

LCS (BGA0698-BS1)

Prepared & Analyzed: 01/27/23

C10-C28 (DRO)	491	50	mg/kg	500		98.1	70-130				
Surrogate: <i>o</i> -Terphenyl	4.30		"	12.5		34.4	30-150				

Matrix Spike (BGA0698-MS1)

Source: 2301492-01

Prepared & Analyzed: 01/27/23

C10-C28 (DRO)	523	50	mg/kg	500	ND	105	70-130				
Surrogate: <i>o</i> -Terphenyl	13.0		"	12.5		104	30-150				

Matrix Spike Dup (BGA0698-MSD1)

Source: 2301492-01

Prepared & Analyzed: 01/27/23

C10-C28 (DRO)	499	50	mg/kg	500	ND	99.8	70-130	4.73	20		
Surrogate: <i>o</i> -Terphenyl	12.8		"	12.5		103	30-150				

Summit Scientific

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Prosper Farms 4-65-2-1-6

Project Number: AFE# 22133
Project Manager: Sam Vogt

Reported:
01/29/23 20:58

Notes and Definitions

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