Aristocrat Angus 42-10 & 7-2-10 Common Line

SENE Sec. 10-T3N-R65W

Facility ID: 332743

Remediation Project #: 30964

Remediation Progress Report

November 2024

Prepared by Tasman, Inc.

On behalf of Crestone Peak Resources

FIELD NOTES AND PHOTO LOG

Decommisioning Form
Tasman Inc.

TASMAN

SITE NAME: Aristocrat Angus 42-10 & 7-2-10 Common Line	**DATE:** 10/25/2023	**REM. PROJECT #:** 30964	**WEATHER:** Cloudy, 50(F)
SITE DIRECTIONS: CR 39 & CR 38, E. 1.5 mi., S. 0.75 mi., E. 0.125 mi., S. INTO	**CLIENT:** Crestone Peak Resources Operating, LLC		
LEGALS AND LAT/LONG: 40.245386, -104.641362	**TASMAN PERSONNEL:** Sierra Kirylo		
SOIL TYPES: SP - Poorly Graded Sand	**SURFACE GRADIENT:** East		
SURROUNDING LAND USE: Rangeland	**CROP:**		

SOIL SAMPLING

Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo? (Y/N)	USCS	Lab (Y/N)
10/25/2023 12:15	FL-B01@4'	2.3	HC Staining	HC Odor	Y	SC	Y
11/30/2023 09:51	FL-B02@4'	0.7	No Staining	No Odor	Y	SP	Y
11/30/2023 09:55	FL-B03@4'	0.7	No Staining	No Odor	Y	SP	Y
11/30/2023 09:57	FL-B04@4'	0.5	No Staining	No Odor	Y	SP	Y
11/30/2023 09:59	FL-B05@4'	0.4	No Staining	No Odor	Y	SP	Y
11/30/2023 10:09	FL-B06@4'	0.4	No Staining	No Odor	Y	SP	N
11/30/2023 10:13	SP-CS02	0.6	No Staining	No Odor	N	SP	Y
11/30/2023 10:14	FL-B07@4'	0.5	No Staining	No Odor	Y	SP	N
11/30/2023 10:16	FL-B08@4'	0.4	No Staining	No Odor	Y	SP	N
11/30/2023 10:25	FL-B09@4'	0.3	No Staining	No Odor	Y	SP	N
11/30/2023 10:30	FL-B10@4'	0.5	No Staining	No Odor	Y	SP	N
11/30/2023 10:34	FL-B11@4'	0.6	No Staining	No Odor	Y	SP	N
11/30/2023 10:42	SP-CS03	0.5	No Staining	No Odor	N	SP	Y
11/30/2023 10:51	FL-B12@4'	0.4	No Staining	No Odor	Y	SP	N
11/30/2023 12:00	FL-B13@4'	0.3	No Staining	No Odor	Y	SP	N
11/30/2023 12:04	FL-B14@3'	25.6	HC Staining	Slight HC Odor	Y	SP	Y
11/30/2023 12:05	FL-B15@3'	35.7	HC Staining	Slight HC Odor	Y	SP	Y
11/30/2023 12:09	FL-B16@3'	51.2	HC Staining	Slight HC Odor	Y	SP	Y
11/30/2023 12:11	SP-CS04	28.7	HC Staining	Slight HC Odor	N	SP	Y

FACILITY INFRASTRUCTURE

EQUIPMENT	Quantity
Above Ground Storage Tank (AST)	
Produced Water Vessel (PWV)	
Separator (SEP)	
Emission Control Device (ECD)	
Dump Line (DL)	
Wellhead (WH)	
Flowline (FL)	1
FL Method of Closure	Removed
FL Footage Removed	2,295
Footaged Abandoned in Place	
Other:	

Soil Loads Removed

IMPACTED SOIL IDENTIFIED? Yes

ESTIMATED VOLUME OF IMPACTS: Excavation Activities Ongoing

Date	Number	CY
November 2024	1	355
Total Removed	1	355

Disposal Facility: Buffalo Ridge Landfill

Groundwater Recovery

DATE GW ENCOUNTERED: 11/30/2023 **DEPTH:** 1' bgs.

GROUNDWATER IN CONTACT WITH IMPACTED SOIL? Yes

LNAPL OR SHEEN OBSERVED ON GW? No

GROUNDWATER SAMPLING

Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?
11/30/2023 11:24	FL-GW01	1	Clear	Light Sheen	Light HC Odor	Yes
11/30/2023 11:35	FL-GW02	1	Clear	Light Sheen	Light HC Odor	Yes
11/30/2023 11:50	FL-GW03	1	Clear	Light Sheen	Light HC Odor	Yes

Date	BBLS
Total Removed	0

Disposal Facility:

Decommisioning Form
Tasman Inc.

TASMAN

SITE NAME: Aristocrat Angus 42-10 & 7-2-10 Common Line	**DATE:** 11/28/2023	**REM. PROJECT #:** 30964	**WEATHER:** Sunny, 60F
SITE DIRECTIONS: CR 39 & CR 38, E. 1.5 mi., S. 0.75 mi., E. 0.125 mi., S. INTO	**CLIENT:** Crestone Peak Resources Operating, LLC		
LEGALS AND LAT/LONG: 40.245386, -104.641362	**TASMAN PERSONNEL:** Daniel Hensel		
SOIL TYPES: SP - Poorly Graded Sand	**SURFACE GRADIENT:** East		
SURROUNDING LAND USE: Rangeland	**CROP:**		

SOIL SAMPLING

Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo? (Y/N)	USCS	Lab (Y/N)
11/30/2023 13:08	FL-B17@3'	0.6	No Staining	No Odor	Y	SP	Y
11/30/2023 13:12	FL-B18@3'	0.3	No Staining	No Odor	Y	SP	Y
11/30/2023 13:14	FL-B19@3'	0.7	No Staining	No Odor	Y	SP	Y
11/30/2023 13:17	FL-B20@3'	0.8	No Staining	Organic Odor	Y	SP	Y
11/30/2023 13:28	SP-CS05	1.8	No Staining	No Odor	N	SP	Y

GROUNDWATER SAMPLING

Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?	
11/30/2023 12:17	FL-GW04	1	Clear	Light Sheen	Light HC Odo	Yes	
11/30/2023 12:34	FL-GW05	1	Clear	None	None	Yes	
11/30/2023 12:54	FL-GW06	1	Clear	None	None	Yes	
11/30/2023 13:03	FL-GW07	1	Clear	None	None	Yes	

FACILITY INFRASTRUCTURE

EQUIPMENT	Quantity
Above Ground Storage Tank (AST)	
Produced Water Vessel (PWV)	
Separator (SEP)	
Emission Control Device (ECD)	
Dump Line (DL)	
Wellhead (WH)	
Flowline (FL)	1
FL Method of Closure	Removed
FL Footage Removed	2,295
Footaged Abandoned in Place	
Other:	

Soil Loads Removed

IMPACTED SOIL IDENTIFIED? Yes

ESTIMATED VOLUME OF IMPACTS: Excavation Activities Ongoing

Date	Number	CY
November 2024	1	355
Total Removed	1	355

Disposal Facility: Buffalo Ridge Landfill

Groundwater Recovery

DATE GW ENCOUNTERED: 11/30/2023 **DEPTH:** 1' bgs.

GROUNDWATER IN CONTACT WITH IMPACTED SOIL? Yes

LNAPL OR SHEEN OBSERVED ON GW? No

Date	BBLS
Total Removed	0

Disposal Facility:

FLOWLINE DECOMMISSIONING

Civitas Decommissioning Form

TASMAN

SITE NAME: Aristocrat Angus 7-2-10 & 42-10 Common Flowline	**DATE:** 11/1/2024	**REM. PROJECT #:** 30692,30628	**WEATHER:** Sunny, 50(F)
SITE DIRECTIONS: Beebe Draw Farms Pkwy & CR 41.5 - E 0.7 mi, NE 0.5 mi, SE 0.7 mi INTO	**CLIENT:** Crestone Peak Resources Operating, LLC		
LEGALS AND LAT/LONG: 40.241894, -104.640832	**TASMAN PERSONNEL:** Sean Clarke, Gabrielle Mather		
SOIL TYPES: SP - poorly graded sand	**SURFACE GRADIENT:** East		
SURROUNDING LAND USE: Rangeland	**CROP:**		

SOIL SAMPLING

Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo? (Y/N)	USCS	Lab (Y/N)
11/1/2024 12:40	FL-B05@6'	2.5	No Staining	No Odor	Y	SP	Y
11/1/2024 12:42	FL-N01@5'	1.5	No Staining	No Odor	Y	SP	Y
11/1/2024 12:44	FL-S01@5'	2.0	No Staining	No Odor	Y	SP	Y
11/1/2024 12:46	FL-E01@5'	7.0	No Staining	No Odor	Y	SP	Y
11/1/2024 12:48	FL-W01@5'	2.2	No Staining	No Odor	Y	SP	Y
11/1/2024 14:00	FL-B14@5'	1.3	No Staining	No Odor	Y	SP	Y
11/1/2024 14:02	FL-N02@4'	3.8	No Staining	No Odor	Y	SP	Y
11/1/2024 14:04	FL-S02@4'	3.8	No Staining	No Odor	Y	SP	Y
11/1/2024 14:06	FL-E02@4'	3.5	No Staining	No Odor	Y	SP	Y
11/1/2024 14:08	FL-W02@4'	2.1	No Staining	No Odor	Y	SP	Y
11/1/2024 15:00	FL-B15@5'	2.7	No Staining	No Odor	Y	SP	Y
11/1/2024 15:02	FL-N03@4'	2.6	Organic Con	No Odor	Y	SP	Y
11/1/2024 15:04	FL-S03@4'	3.9	Organic Con	No Odor	Y	SP	Y
11/1/2024 15:06	FL-E03@4'	1.5	No Staining	No Odor	Y	SP	Y
11/1/2024 15:08	FL-W03@4'	3.0	Organic Con	No Odor	Y	SP	Y
11/6/2024 10:30	FL-B16@5'	0.2	No Staining	No Odor	Y	SP	Y
11/6/2024 10:34	FL-N04@4'	0.3	No Staining	No Odor	Y	SP	Y
11/6/2024 10:36	FL-S04@4'	0.1	No Staining	No Odor	Y	SP	Y
11/6/2024 10:38	FL-E04@4'	0.0	No Staining	No Odor	Y	SP	Y
11/6/2024 10:40	FL-W04@4'	0.1	No Staining	No Odor	Y	SP	Y
11/6/2024 10:50	FL-B18@5'	0.9	No Staining	No Odor	Y	SP	Y
11/6/2024 10:52	FL-N05@4'	1.6	No Staining	No Odor	Y	SP	Y
11/6/2024 10:54	FL-S05@4'	1.7	Organic Con	No Odor	Y	SP	Y
11/6/2024 10:56	FL-E05@4'	0.2	No Staining	No Odor	Y	SP	Y
11/6/2024 10:58	FL-W05@4'	1.2	No Staining	No Odor	Y	SP	Y

GROUNDWATER SAMPLING

Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?	
11/6/2024 10:32	GW08	4'	High Turbidity	None	Organic Odor	Yes	
11/6/2024 11:00	GW09	4'	High Turbidity	None	Organic Odor	Yes	
11/6/2024 12:10	GW10	4'	Medium Turbidity	None	Organic Odor	Yes	

FACILITY INFRASTRUCTURE

EQUIPMENT	Quantity
Above Ground Storage Tank (AST)	
Produced Water Vessel (PWV)	
Separator (SEP)	
Emission Control Device (ECD)	
Dump Line (DL)	
Wellhead (WH)	
Flowline (FL)	1
FL Method of Closure	Removed
FL Footage Removed	2,295
Footaged Abandoned in Place	
Other:	

Soil Loads Removed

IMPACTED SOIL IDENTIFIED? Yes		
ESTIMATED VOLUME OF IMPACTS: Excavation Activities Ongoing		
Date	**Number**	**CY**
November 2024	1	355
Total Removed	1	355
Disposal Facility: Buffalo Ridge Landfill		

Groundwater Recovery

DATE GW ENCOUNTERED: 11/30/2023	**DEPTH:** 1' bgs.
GROUNDWATER IN CONTACT WITH IMPACTED SOIL?	
LNAPL OR SHEEN OBSERVED ON GW?	

Date	BBLS
Total Removed	0
Disposal Facility:	

Civitas Decommissioning Form

TASMAN

SOIL SAMPLING								Soil Loads Removed		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo? (Y/N)	USCS	Lab (Y/N)	Date	Number	CY
11/6/2024 12:00	FL-B19@5'	1.3	Organic Con	No Odor	Y	SP	Y			
11/6/2024 12:02	FL-N06@4'	1.2	Organic Con	No Odor	Y	SP	Y			
11/6/2024 12:04	FL-S06@4'	1.0	Organic Con	Organic Odo	Y	SP	Y			
11/6/2024 12:06	FL-E06@4'	1.3	No Staining	Organic Odo	Y	SP	Y			
11/6/2024 12:08	FL-W06@4'	1.1	No Staining	No Odor	Y	SP	Y			
								Total Removed	1	355
								Disposal Facility: Buffalo Ridge Landfill		
								Groundwater Recovery		
GROUNDWATER SAMPLING										
Date/Time	**Groundwater Sample ID**	**Depth Collected**	**Turbid?**	**Sheen?**	**Odor?**	**Photo?**				
								Total Removed	0	
								Disposal Facility:		

TASMAN

Photographic Log

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Soil sampling location		

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

TASMAN

Photographic Log

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

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

TASMAN

Photographic Log

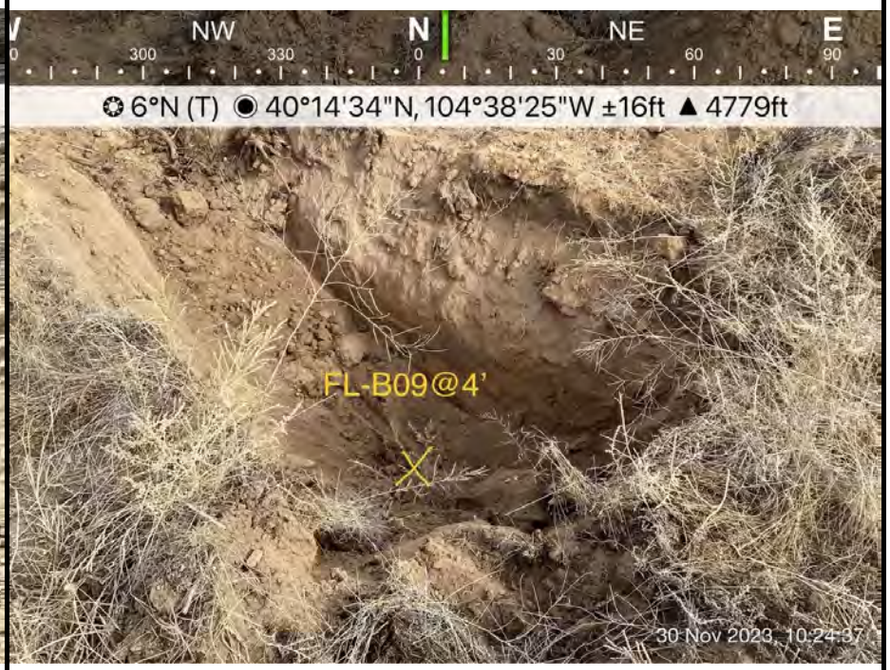
Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Soil screening location		

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

TASMAN

Photographic Log

Equipment ID:	**Equipment Type:**	
Material:	**Volume:**	**Contents:**
Notes/Conditions: Soil screening location		



Equipment ID:	**Equipment Type:**	
Material:	**Volume:**	**Contents:**
Notes/Conditions: Soil screening location		

TASMAN

Photographic Log

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

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

TASMAN

Photographic Log

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

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

TASMAN

Photographic Log

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Sampling location		

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Sampling location		

TASMAN

Photographic Log

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Sampling location		

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Sampling location		

TASMAN

Photographic Log

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Sampling location		

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Sampling location		

TASMAN

Photographic Log

Equipment ID:	**Equipment Type:**		**Equipment ID:**	**Equipment Type:**	
Material:	**Volume:**	**Contents:**	**Material:**	**Volume:**	**Contents:**
Notes/Conditions: Sampling location			**Notes/Conditions:**		

TASMAN

Photographic Log

Equipment ID:	**Equipment Type:**		**Equipment ID:**	**Equipment Type:**	
Material:	**Volume:**	**Contents:**	**Material:**	**Volume:**	**Contents:**
Notes/Conditions: Soil sampling locations.			**Notes/Conditions:** Soil sampling locations.		

TASMAN

Photographic Log

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Soil sampling locations.		

Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions: Soil sampling locations.		

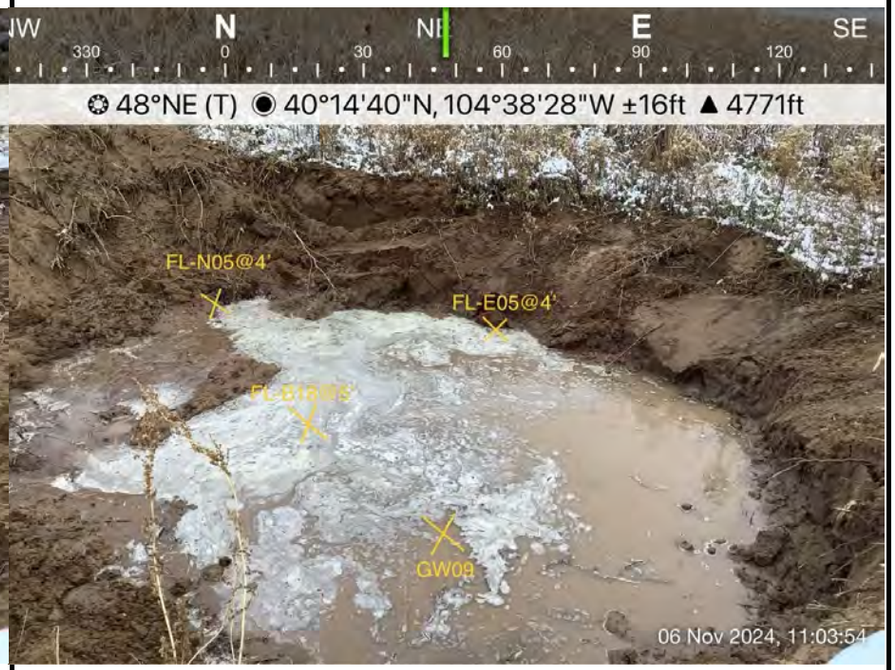
TASMAN

Photographic Log

Equipment ID:	**Equipment Type:**		**Equipment ID:**	**Equipment Type:**	
Material:	**Volume:**	**Contents:**	**Material:**	**Volume:**	**Contents:**
Notes/Conditions: Soil sampling locations.			**Notes/Conditions:** Soil sampling locations.		

TASMAN

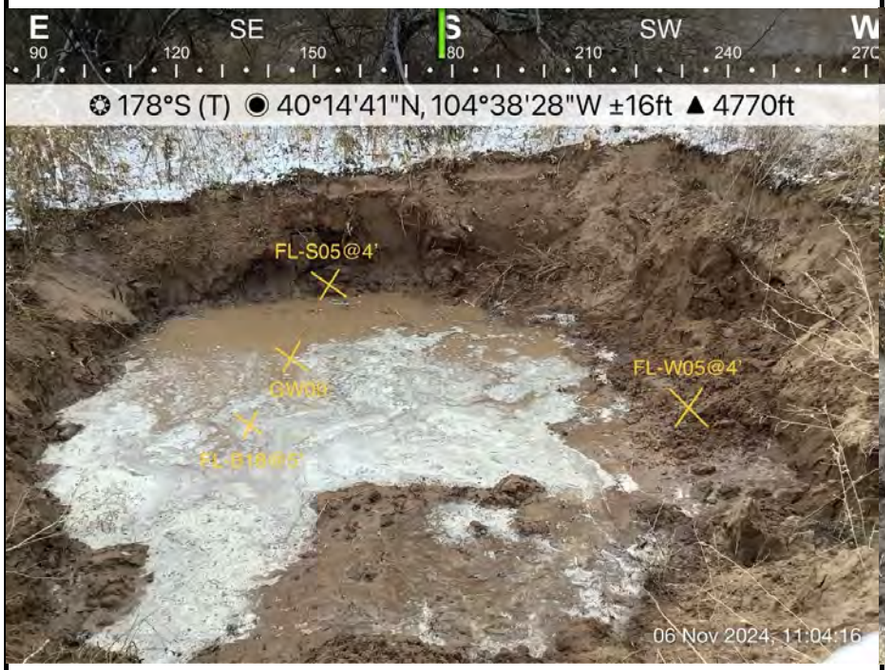
Photographic Log



Equipment ID:	**Equipment Type:**		**Equipment ID:**	**Equipment Type:**	
Material:	**Volume:**	**Contents:**	**Material:**	**Volume:**	**Contents:**
Notes/Conditions: Soil sampling locations.			**Notes/Conditions:** Soil sampling locations.		

TASMAN

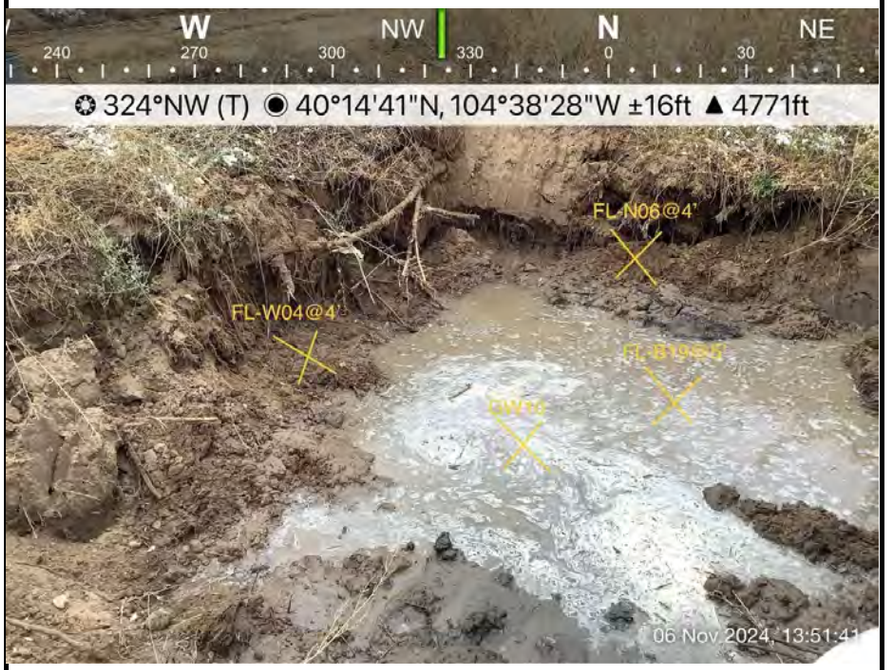
Photographic Log



Equipment ID:	**Equipment Type:**		**Equipment ID:**	**Equipment Type:**	
Material:	**Volume:**	**Contents:**	**Material:**	**Volume:**	**Contents:**
Notes/Conditions: Soil sampling locations.			**Notes/Conditions:** Soil sampling locations.		

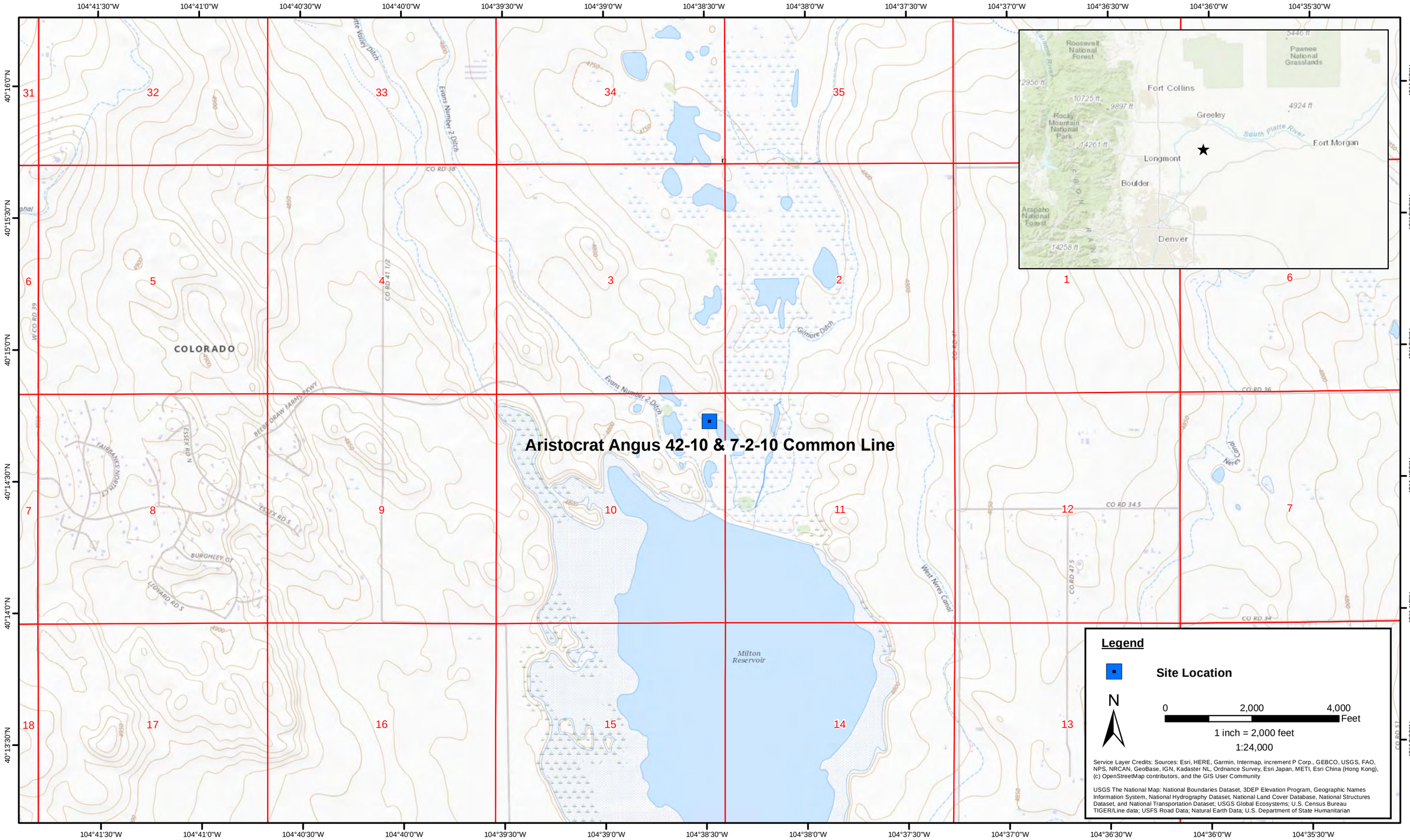
TASMAN

Photographic Log

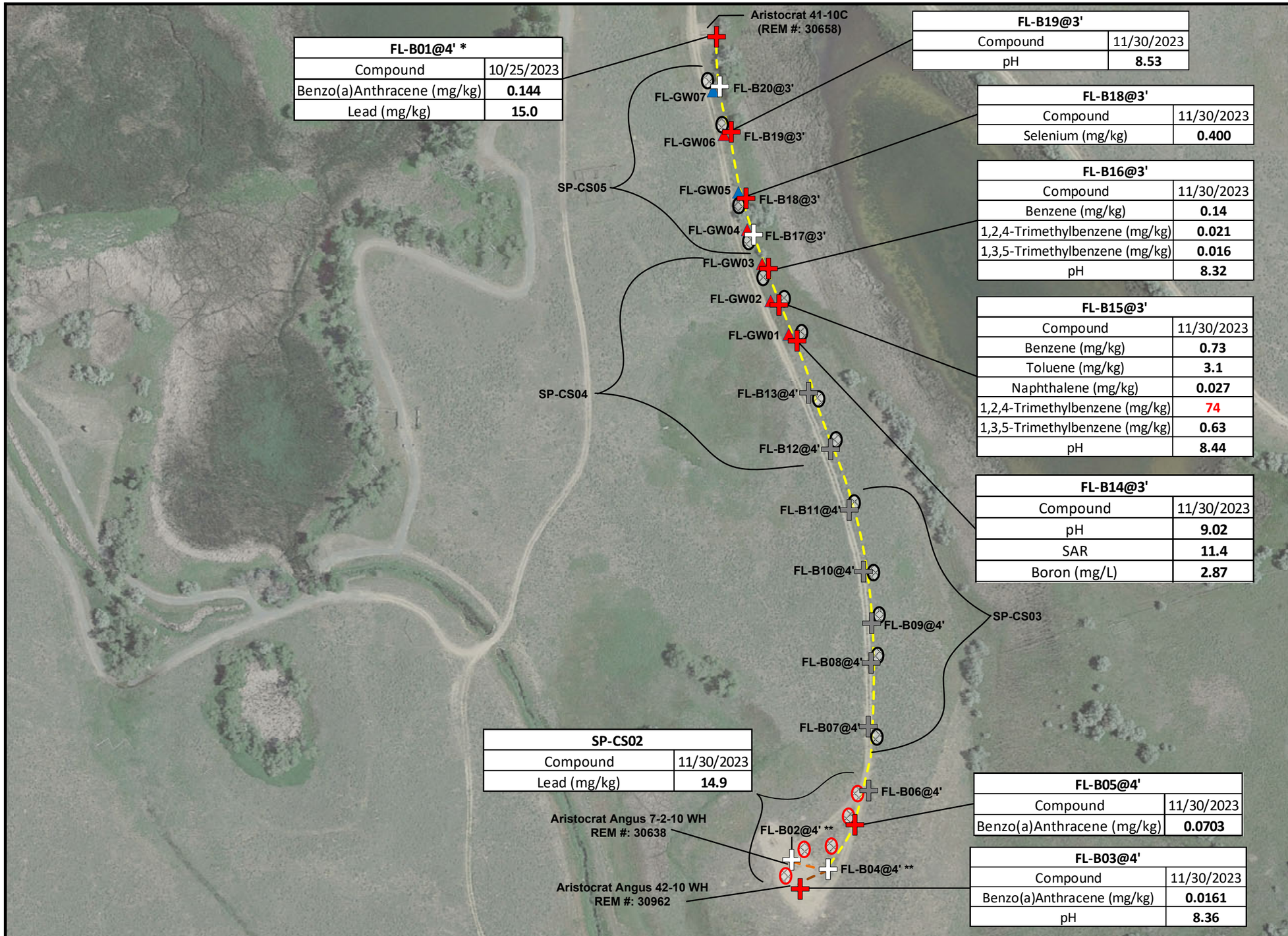


Equipment ID:	Equipment Type:		Equipment ID:	Equipment Type:	
Material:	Volume:	Contents:	Material:	Volume:	Contents:
Notes/Conditions: Soil sampling locations.			Notes/Conditions:		

FIGURES



DATE: October 2023 DESIGNED BY: S. Vogt DRAWN BY: L. Reed	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**Crestone Peak Resources Operating, LLC** **Aristocrat Angus 42-10 & 7-2-10 Common Line** SENE Sec. 10-T3N-R65W Weld County, Colorado	Site Location Map	Figure 1



FL-B01@4' *	
Compound	10/25/2023
Benzo(a)Anthracene (mg/kg)	**0.144**
Lead (mg/kg)	**15.0**

FL-B19@3'	
Compound	11/30/2023
pH	**8.53**

FL-B18@3'	
Compound	11/30/2023
Selenium (mg/kg)	**0.400**

FL-B16@3'	
Compound	11/30/2023
Benzene (mg/kg)	**0.14**
1,2,4-Trimethylbenzene (mg/kg)	**0.021**
1,3,5-Trimethylbenzene (mg/kg)	**0.016**
pH	**8.32**

FL-B15@3'	
Compound	11/30/2023
Benzene (mg/kg)	**0.73**
Toluene (mg/kg)	**3.1**
Naphthalene (mg/kg)	**0.027**
1,2,4-Trimethylbenzene (mg/kg)	**74**
1,3,5-Trimethylbenzene (mg/kg)	**0.63**
pH	**8.44**

FL-B14@3'	
Compound	11/30/2023
pH	**9.02**
SAR	**11.4**
Boron (mg/L)	**2.87**

SP-CS02	
Compound	11/30/2023
Lead (mg/kg)	**14.9**

FL-B05@4'	
Compound	11/30/2023
Benzo(a)Anthracene (mg/kg)	**0.0703**

FL-B03@4'	
Compound	11/30/2023
Benzo(a)Anthracene (mg/kg)	**0.0161**
pH	**8.36**

Legend

- Soil sample location – Field Screened (Collected via Trimble GPS)
- Soil sample location – Below ECMC Table 915-1 Standards (Collected via Trimble GPS)
- Soil sample location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Groundwater sample location – Below ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Groundwater sample location – Exceeded ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Soil stockpile location – Below ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Soil Stockpile Location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Aristocrat Angus 7-2-10 & 42-10 Common Flowline (REM #: 30964)
- Aristocrat Angus 7-2-10 WH Flowline (REM #: 30638)
- Aristocrat Angus 42-10 WH Flowline (REM #: 30962)

ECMC Table 915-1 Soil Standards	
Compound	Date
Benzene (mg/kg)	**0.0026 / 1.2**
Toluene (mg/kg)	**0.69 / 490**
Naphthalene (mg/kg)	**0.0038 / 2**
1,2,4-Trimethylbenzene (mg/kg)	**0.0081 / 30**
1,3,5-Trimethylbenzene (mg/kg)	**0.0087 / 27**
Benzo(a)Anthracene (mg/kg)	**0.011 / 1.1**
Lead (mg/kg)	**14 / 400**
Selenium (mg/kg)	**0.26 / 390**
pH	**6 - 8.3**
SAR	**< 6**
Boron (mg/L)	**2**

Notes

All locations are approximate unless otherwise noted.

Crestone Peak Resources Operating, LLC site infrastructure has been removed.

ECMC = Colorado Energy & Carbon Management Commission

GPS = Global Positioning System

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Residential Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Protection of Groundwater Soil Screening Level Concentrations or Soil Suitability for Reclamation Parameters

SAR = Sodium Adsorption Ratio

mg/kg = milligrams per kilogram

mg/L = milligrams per liter

*Sample location collected and removed via excavation activities at the Aristocrat 41-10C site assessment (REM #: 30658).

**Sample location removed via excavation activities at the Aristocrat Angus 7-2-10 (REM #: 30638) & 42-10 (REM #: 30962) wellheads.

0 ft. 150 ft. 300 ft.

Image Source: Google Earth

N

DATE:	December 17, 2024
DESIGNED BY:	S. Vogt
DRAWN BY:	L. Molson

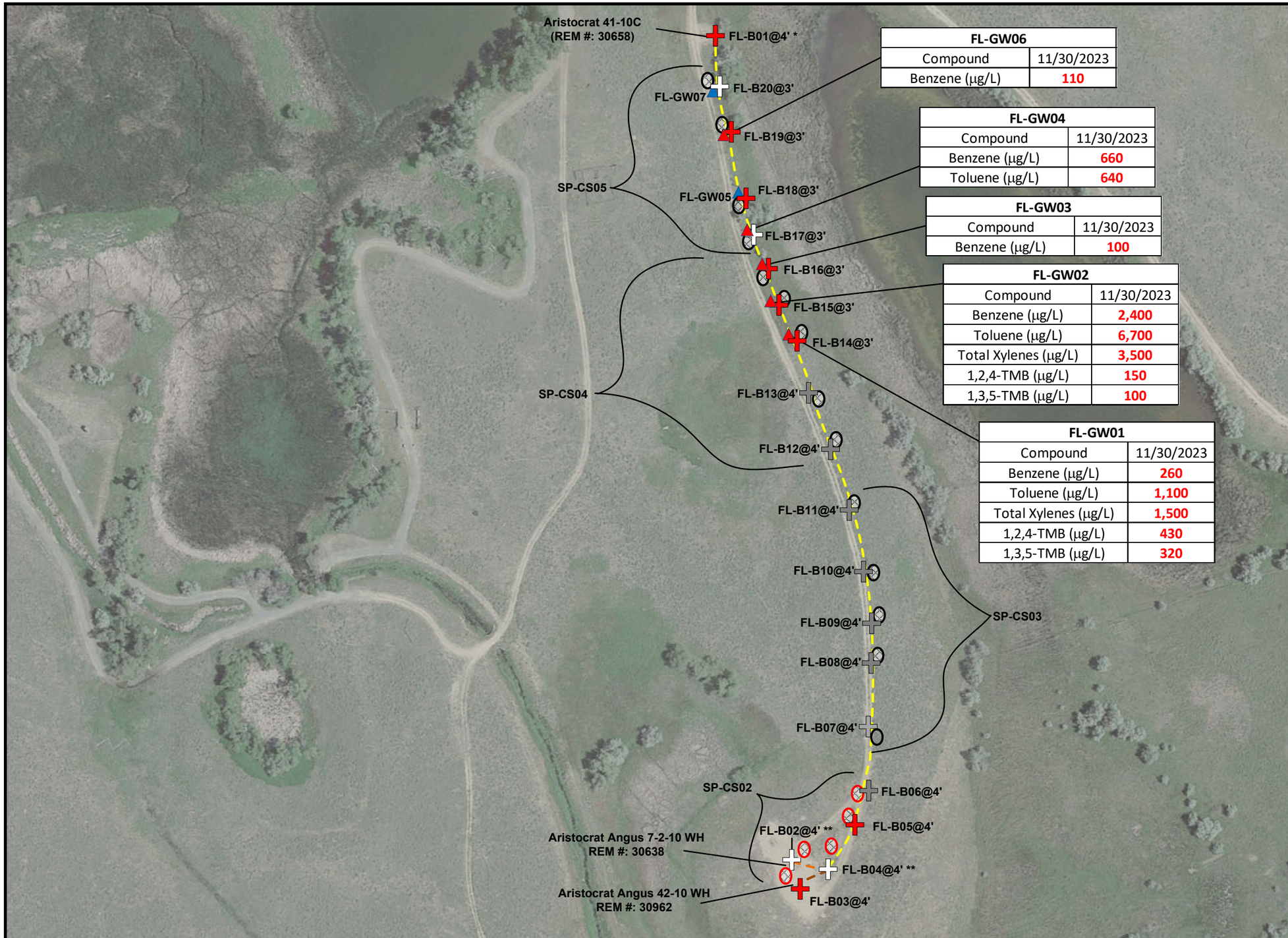
TASMAN

Tasman, Inc.
6855 W119th Ave.
Broomfield, CO 80020

Crestone Peak Resources Operating, LLC
Aristocrat Angus 42-10 & 7-2-10 Common Line
SENE Sec. 10-T3N-R65W
Weld County, Colorado

Flowline Soil Sample Location Map (11/30/2023)

Figure 2A



FL-GW06	
Compound	11/30/2023
Benzene (µg/L)	**110**

FL-GW04	
Compound	11/30/2023
Benzene (µg/L)	**660**
Toluene (µg/L)	**640**

FL-GW03	
Compound	11/30/2023
Benzene (µg/L)	**100**

FL-GW02	
Compound	11/30/2023
Benzene (µg/L)	**2,400**
Toluene (µg/L)	**6,700**
Total Xylenes (µg/L)	**3,500**
1,2,4-TMB (µg/L)	**150**
1,3,5-TMB (µg/L)	**100**

FL-GW01	
Compound	11/30/2023
Benzene (µg/L)	**260**
Toluene (µg/L)	**1,100**
Total Xylenes (µg/L)	**1,500**
1,2,4-TMB (µg/L)	**430**
1,3,5-TMB (µg/L)	**320**

Legend

- Soil sample location – Field Screened (Collected via Trimble GPS)
- Soil sample location – Below ECMC Table 915-1 Standards (Collected via Trimble GPS)
- Soil sample location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Groundwater sample location – Below ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Groundwater sample location – Exceeded ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Soil stockpile location – Below ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Soil Stockpile Location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Aristocrat Angus 7-2-10 & 42-10 Common Flowline (REM #: 30964)
- Aristocrat Angus 7-2-10 WH Flowline (REM #: 30638)
- Aristocrat Angus 42-10 WH Flowline (REM #: 30962)

ECMC Table 915-1 Groundwater Standards	
Compound	Date
Benzene (µg/L)	**5**
Toluene (µg/L)	**560**
Total Xylenes (µg/L)	**1,400**
1,2,4-TMB (µg/L)	**67**
1,3,5-TMB (µg/L)	**67**

Notes

All locations are approximate unless otherwise noted.

Crestone Peak Resources Operating, LLC site infrastructure has been removed.

ECMC = Colorado Energy & Carbon Management Commission

GPS = Global Positioning System

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Organic Compounds in Groundwater

TMB = Trimethylbenzene

µg/L = micrograms per liter

*Sample location collected and removed via excavation activities at the Aristocrat 41-10C site assessment (REM #: 30658).

**Sample location removed via excavation activities at the Aristocrat Angus 7-2-10 (REM #: 30638) & 42-10 (REM #: 30962) wellheads.

0 ft. 150 ft. 300 ft.

Image Source: Google Earth

N

DATE:	December 17, 2024
DESIGNED BY:	S. Vogt
DRAWN BY:	L. Molson

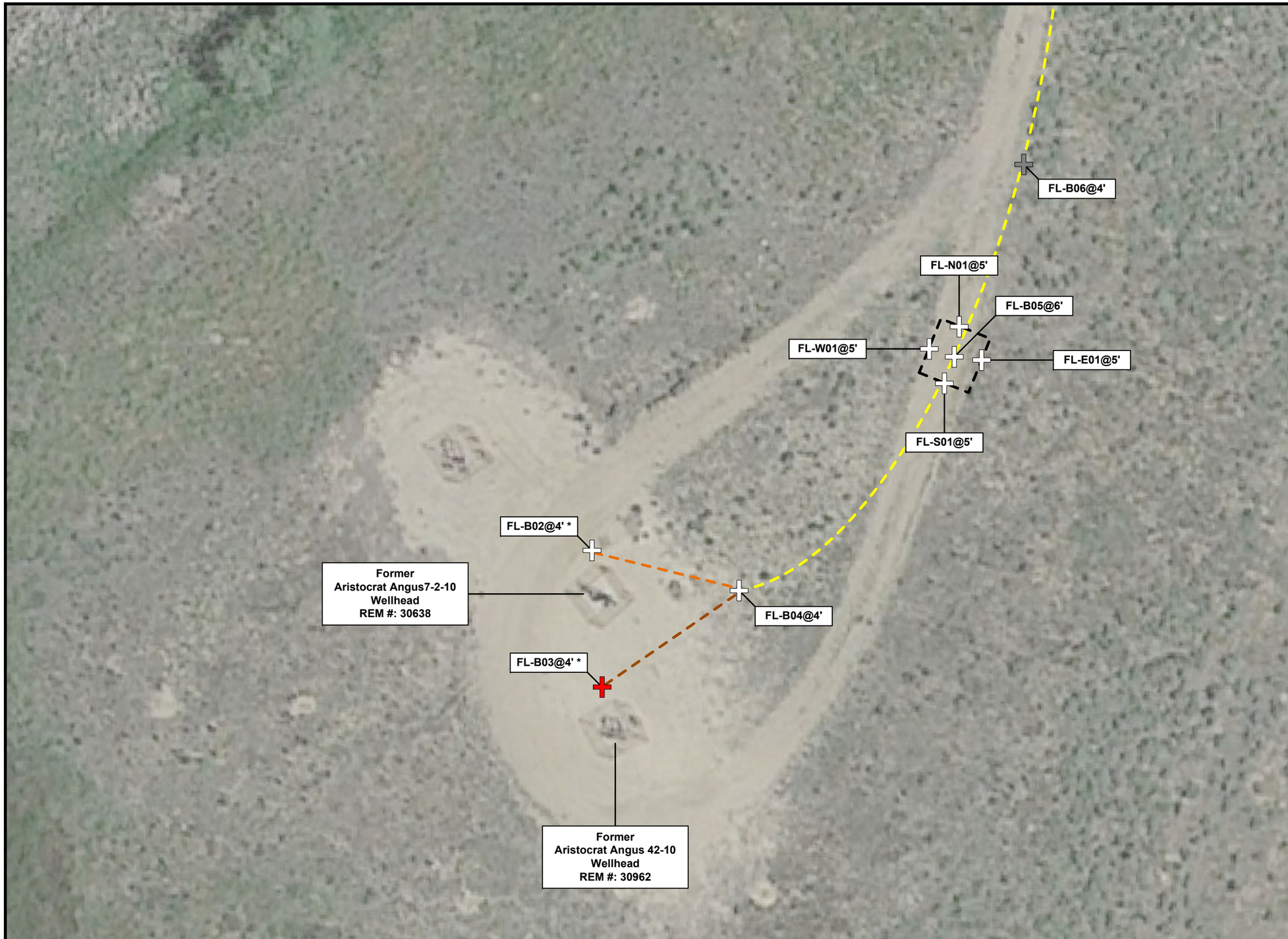
TASMAN

Tasman, Inc.
6855 W119th Ave.
Broomfield, CO 80020

Crestone Peak Resources Operating, LLC
Aristocrat Angus 42-10 & 7-2-10 Common Line
SENE Sec. 10-T3N-R65W
Weld County, Colorado

Flowline Groundwater Sample Location Map (11/30/2023)

Figure 2B



Legend

- Soil Sample Location – Field Screened (Collected via Trimble GPS)
- Soil Sample Location – Below ECMC Table 915-1 Standards (Collected via Trimble GPS)
- Soil Sample Location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Aristocrat Angus 7-2-10 & 42-10 Common Flowline (REM #: 30964)
- Aristocrat Angus 7-2-10 WH Flowline (REM #: 30638)
- Aristocrat Angus 42-10 WH Flowline (REM #: 30962)

Notes

All locations are approximate unless otherwise noted.

Crestone Peak Resources Operating, LLC site infrastructure has been removed.

ECMC = Colorado Energy & Carbon Management Commission

GPS = Global Positioning System

*Location removed via excavation activities at the Aristocrat Angus 7-2-10 (REM #: 30638) & 42-10 (REM #: 30962) wellheads.

0 ft. 25 ft. 50 ft.

N

Image Source: Google Earth

DATE:	December 17, 2024
DESIGNED BY:	S. Vogt
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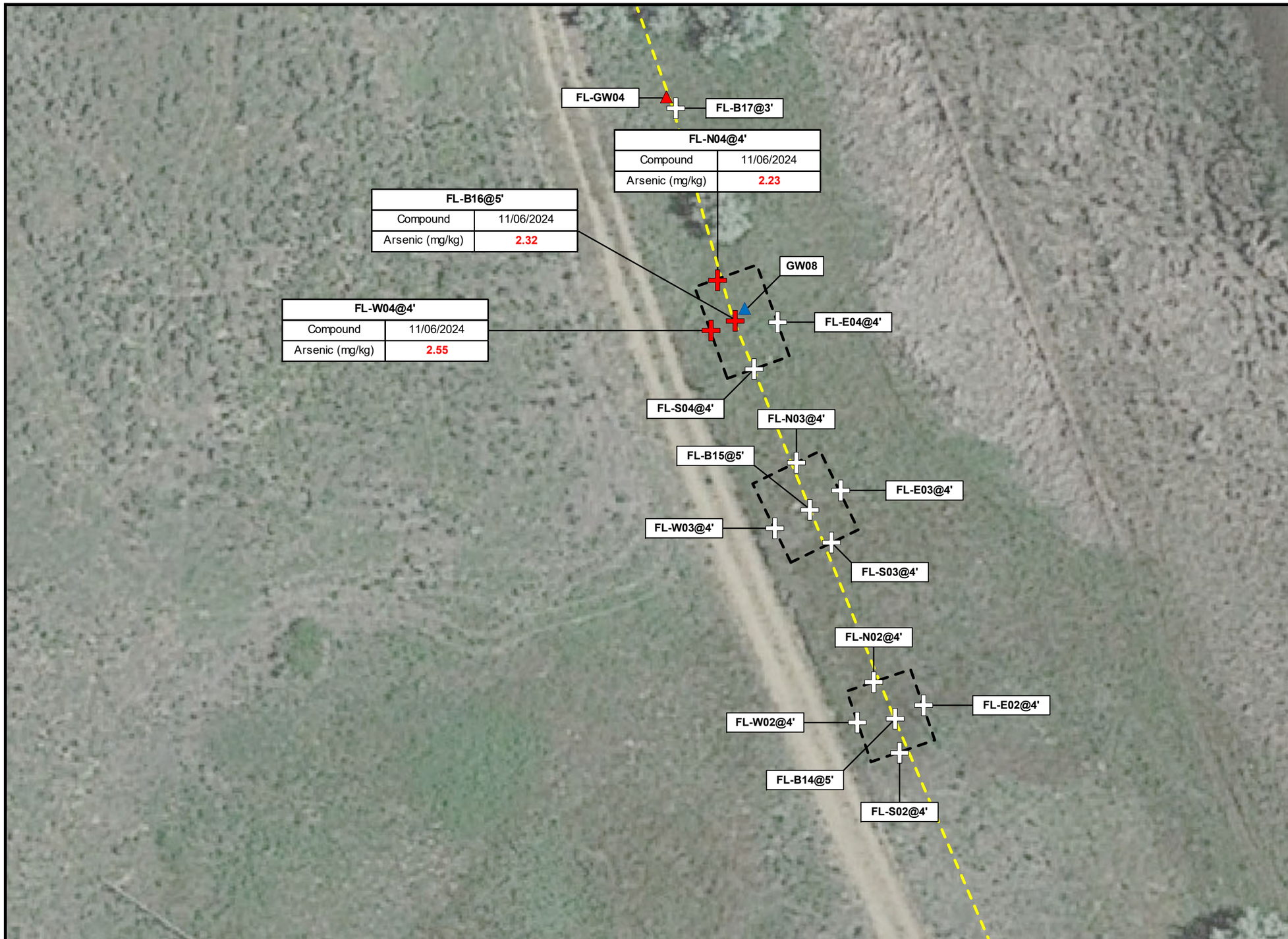
SENE Sec. 10-T3N-R65W
Weld County, Colorado

FL-B05 Excavation Soil Sample Location Map (11/01/2024)

Figure 2C



Legend

- Soil Sample Location – Below ECMC Table 915-1 Standards (Collected via Trimble GPS)
- Soil Sample Location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Groundwater sample location – Below ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Groundwater sample location – Exceeded ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Excavation extent (Collected via Trimble GPS)
- Aristocrat Angus 7-2-10 & 42-10 Common Flowline

ECMC Table 915-1 Soil Standards	
Compound	Date
Arsenic (mg/kg)	**0.29** / **0.68**

Notes

All locations are approximate unless otherwise noted.

Crestone Peak Resources Operating, LLC site infrastructure has been removed.

Locations removed via excavation not shown.

ECMC = Colorado Energy & Carbon Management Commission

GPS = Global Positioning System

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Residential Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Protection of Groundwater Soil Screening Level Concentrations

mg/kg = milligrams per kilogram

0 ft. 25 ft. 50 ft.

Image Source: Google Earth

N

DATE:	December 26, 2024
DESIGNED BY:	S. Vogt
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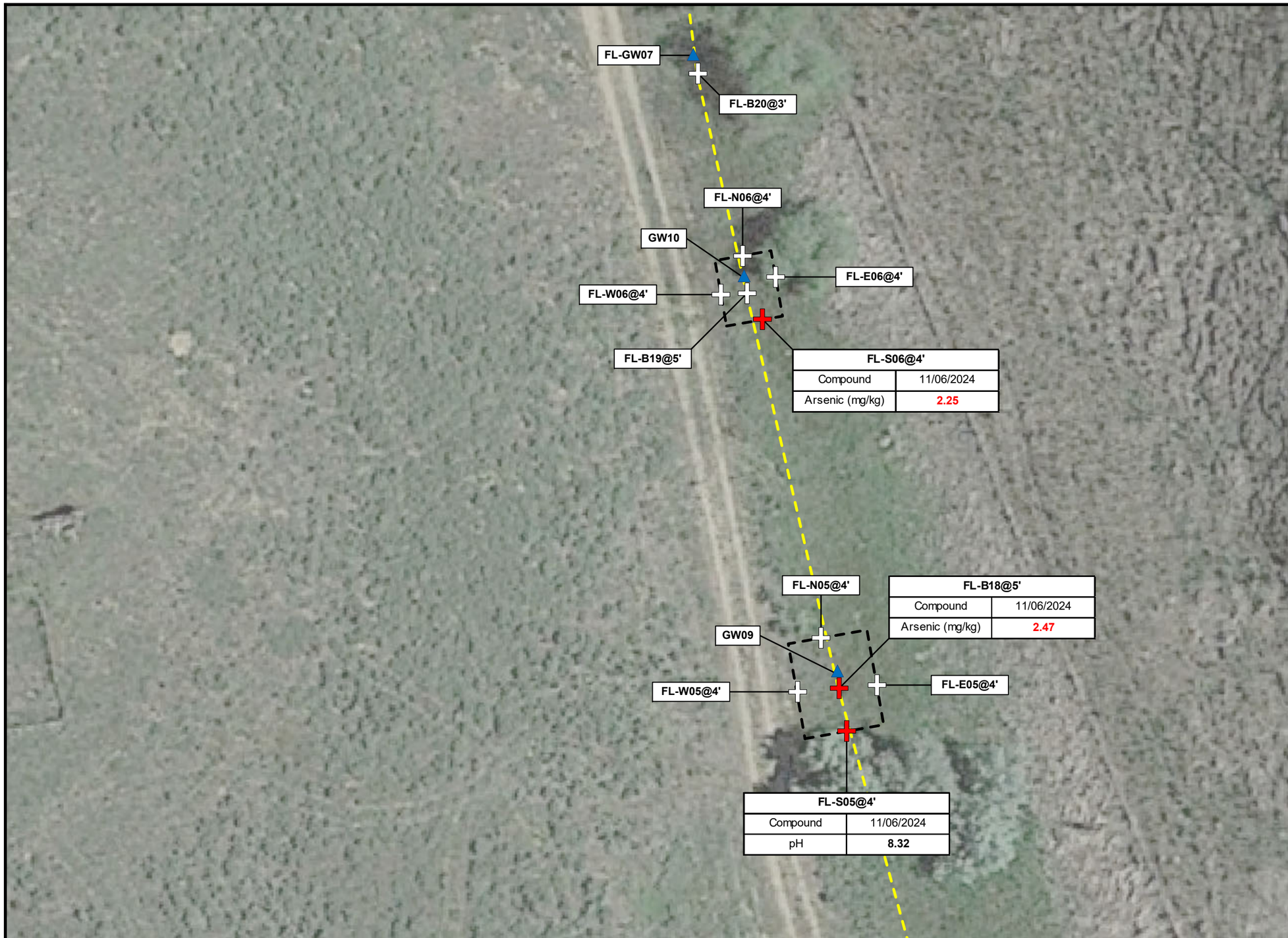
Weld County, Colorado

FL-B14 – FL-B16 Excavation Soil Sample Location Map (11/01/2024 & 11/06/2024)

Figure 2D



Legend

- Soil Sample Location – Below ECMC Table 915-1 Standards (Collected via Trimble GPS)
- Soil Sample Location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- Groundwater sample location – Below ECMC Table 915-1 Groundwater Standards (Collected via Trimble GPS)
- Excavation extent (Collected via Trimble GPS)
- Aristocrat Angus 7-2-10 & 42-10 Common Flowline

ECMC Table 915-1 Soil Standards	
Compound	Date
Arsenic (mg/kg)	**0.29** / **0.68**
pH	**6 - 8.3**

Notes

All locations are approximate unless otherwise noted.

Crestone Peak Resources Operating, LLC site infrastructure has been removed.

Locations removed via excavation not shown.

ECMC = Colorado Energy & Carbon Management Commission

GPS = Global Positioning System

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Residential Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1 Protection of Groundwater Soil Screening Level Concentrations or Soil Suitability for Reclamation Parameters

mg/kg = milligrams per kilogram

0 ft. 25 ft. 50 ft.

Image Source: Google Earth

N

DATE:	December 26, 2024
DESIGNED BY:	S. Vogt
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Weld County, Colorado

FL-B18 & FL-B19 Excavation Soil Sample Location Map (11/06/2024)

Figure 2E

DATE:	December 26, 2024
DESIGNED BY:	S. Vogt
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SENE Sec. 10-T3N-R65W
Weld County, Colorado

Background Soil Sample Location Map (11/28/2023)

Figure 3

TABLES

MATERIAL LEFT IN PLACE

TABLE 1
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SAMPLE LOCATIONS LEFT IN PLACE
CRESTONE PEAK RESOURCES OPERATING, LLC

Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
FL-B04@4'	4'	11/30/2023	0.5	40.241960	-104.640744	1	Y
FL-B06@4’	4'	11/30/2023	0.4	40.242252	-104.640475	0.8	N
FL-B07@4’	4'	11/30/2023	0.5	40.242516	-104.640454	-	N
FL-B08@4’	4'	11/30/2023	0.4	40.242793	-104.640440	-	N
FL-B09@4’	4'	11/30/2023	0.3	40.242952	-104.640446	-	N
FL-B10@4’	4'	11/30/2023	0.5	40.243159	-104.640485	-	N
FL-B11@4’	4'	11/30/2023	0.6	40.243423	-104.640551	-	N
FL-B12@4’	4'	11/30/2023	0.4	40.243665	-104.640664	-	N
FL-B13@4’	4'	11/30/2023	0.3	40.243902	-104.640783	-	N
FL-B17@3'	3'	11/30/2023	0.6	40.244558	-104.641078	-	Y
FL-B20@3'	3'	11/30/2023	0.8	40.245147	-104.641262	1	Y
FL-GW01	1'	11/30/2023	-	40.244134	-104.640880	-	Y
FL-GW02	1'	11/30/2023	-	40.244270	-104.640947	0.9	Y
FL-GW03	1'	11/30/2023	-	40.244415	-104.641014	-	Y
FL-GW04	1'	11/30/2023	-	40.244557	-104.641086	1.3	Y
FL-GW05	1'	11/30/2023	-	40.244714	-104.641115	1.3	Y
FL-GW06	1'	11/30/2023	-	40.244983	-104.641219	0.9	Y
FL-GW07	1'	11/30/2023	-	40.245160	-104.641272	0.9	Y
SP-CS02	-	11/30/2023	0.6	-	-	-	Y
SP-CS03	-	11/30/2023	0.5	-	-	-	Y
SP-CS04	-	11/30/2023	28.7	-	-	-	Y
SP-CS05	-	11/30/2023	1.8	-	-	-	Y
FL-B05@6’	6'	11/01/2024	2.5	40.242120	-104.640567	-	Y
FL-N01@5’	5'	11/01/2024	1.5	40.242141	-104.640561	0.8	Y
FL-S01@5’	5'	11/01/2024	2.0	40.242102	-104.640575	0.8	Y
FL-E01@5’	5'	11/01/2024	7.0	40.242118	-104.640543	0.8	Y
FL-W01@5’	5'	11/01/2024	2.2	40.242124	-104.640589	0.8	Y
FL-B14@5’	5'	11/01/2024	1.3	40.244131	-104.640887	-	Y
FL-N02@4’	4'	11/01/2024	3.8	40.244160	-104.640900	1	Y
FL-S02@4’	4'	11/01/2024	3.8	40.244112	-104.640878	1	Y
FL-E02@4’	4'	11/01/2024	3.5	40.244144	-104.640857	1	Y
FL-W02@4’	4'	11/01/2024	2.1	40.244133	-104.640915	1	Y
FL-B15@5’	5'	11/01/2024	2.7	40.244278	-104.640960	-	Y
FL-N03@4’	4'	11/01/2024	2.6	40.244310	-104.640969	1	Y

TABLE 1
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SAMPLE LOCATIONS LEFT IN PLACE
CRESTONE PEAK RESOURCES OPERATING, LLC

Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
FL-S03@4’	4'	11/01/2024	3.9	40.244257	-104.640938	0.9	Y
FL-E03@4’	4'	11/01/2024	1.5	40.244292	-104.640930	1	Y
FL-W03@4’	4'	11/01/2024	3.0	40.244266	-104.640990	1	Y
FL-B16@5’	5'	11/06/2024	0.2	40.244410	-104.641025	-	Y
FL-N04@4’	4'	11/06/2024	0.3	40.244438	-104.641038	0.8	Y
FL-S04@4’	4'	11/06/2024	0.1	40.244376	-104.641007	0.8	Y
FL-E04@4’	4'	11/06/2024	0.0	40.244408	-104.640986	0.8	Y
FL-W04@4’	4'	11/06/2024	0.1	40.244402	-104.641046	0.8	Y
FL-B18@5’	5'	11/06/2024	0.9	40.244724	-104.641137	-	Y
FL-N05@4’	4'	11/06/2024	1.6	40.244759	-104.641153	0.9	Y
FL-S05@4’	4'	11/06/2024	1.7	40.244695	-104.641131	0.9	Y
FL-E05@4’	4'	11/06/2024	0.2	40.244727	-104.641104	0.8	Y
FL-W05@4’	4'	11/06/2024	1.2	40.244721	-104.641175	0.9	Y
FL-B19@5’	5'	11/06/2024	1.3	40.244996	-104.641218	-	Y
FL-N06@4’	4'	11/06/2024	1.2	40.245021	-104.641221	1	Y
FL-S06@4’	4'	11/06/2024	1.0	40.244979	-104.641204	1	Y
FL-E06@4’	4'	11/06/2024	1.3	40.245006	-104.641193	0.9	Y
FL-W06@4’	4'	11/06/2024	1.1	40.244995	-104.641239	-	Y
GW08	4'	11/06/2024	-	40.244413	-104.641027	-	Y
GW09	4'	11/06/2024	-	40.244726	-104.641138	-	Y
GW10	4'	11/06/2024	-	40.244998	-104.641217	-	Y
BACKGROUND							
BH01@5'*	5'	11/28/2023	0.4	40.245549	-104.641534	0.8	Y
BH01@6'*	6'	11/28/2023	0.4	40.245549	-104.641534	0.8	Y
BH01@7'*	7'	11/28/2023	0.2	40.245549	-104.641534	0.8	Y
BH02@5'*	5'	11/28/2023	0.1	40.245430	-104.641560	0.8	Y
BH02@6'*	6'	11/28/2023	0.1	40.245430	-104.641560	0.8	Y
BH02@7'*	7'	11/28/2023	0.0	40.245430	-104.641560	0.8	Y
BH03@5'*	5'	11/28/2023	0.0	40.245287	-104.641516	0.8	Y
BH03@6'*	6'	11/28/2023	0.1	40.245287	-104.641516	0.8	Y
BH03@7'*	7'	11/28/2023	0.0	40.245287	-104.641516	0.8	Y
BH04@5'*	5'	11/28/2023	1.3	40.245167	-104.641401	0.8	Y
BH04@6'*	6'	11/28/2023	0.5	40.245167	-104.641401	0.8	Y
BH04@7'*	7'	11/28/2023	0.4	40.245167	-104.641401	0.8	Y

TABLE 1
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SAMPLE LOCATIONS LEFT IN PLACE
CRESTONE PEAK RESOURCES OPERATING, LLC

Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
BH05@5'	5'	11/28/2023	1.3	40.245162	-104.641312	0.8	Y
BH05@6'*	6'	11/28/2023	1.4	40.245162	-104.641312	0.8	Y
BH05@7'*	7'	11/28/2023	1.1	40.245162	-104.641312	0.8	Y

Notes:
PID = Photoionization Detector
ppm = parts per million
GPS = Global Positioning System
PDOP = Position Dilution of Precision
- = Not Applicable
*Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 2
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - VOCs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL [1]			**0.0026**	**0.69**	**0.78**	**9.9**	**0.0038**	**500**			**0.0081**	**0.0087**
ECMC Organic Compounds in Soils - RSL [2]			**1.2**	**490**	**5.8**	**58**	**2**	**500**			**30**	**27**
FL-B04@4'	4'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B17@3'	3'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B20@3'	3'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS02	-	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS03	-	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS04	-	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS05	-	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B05@6’	6'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-N01@5’	5'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-S01@5’	5'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-E01@5’	5'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-W01@5’	5'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B14@5’	5'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-N02@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-S02@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-E02@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-W02@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B15@5’	5'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-N03@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-S03@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-E03@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-W03@4’	4'	11/01/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B16@5’	5'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-N04@4’	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050

TABLE 2
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - VOCs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL (1)			**0.0026**	**0.69**	**0.78**	**9.9**	**0.0038**	**500**			**0.0081**	**0.0087**
ECMC Organic Compounds in Soils - RSL (2)			**1.2**	**490**	**5.8**	**58**	**2**	**500**			**30**	**27**
FL-S04@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-E04@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-W04@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B18@5'	5'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-N05@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-S05@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-E05@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-W05@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B19@5'	5'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-N06@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-S06@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-E06@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-W06@4'	4'	11/06/2024	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050

Notes:
VOCs = Volatile Organic Compounds
(1) Standards for soil are taken from ECMC 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 ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
GSSL = Protection of Groundwater Screening Level
RSL = Residential Soil Screening Level
(<) = 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 ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

TABLE 2
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - VOCs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL [1]			0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
ECMC Organic Compounds in Soils - RSL [2]			1.2	490	5.8	58	2	500			30	27

*Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 3
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - PAHs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL [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**
ECMC Organic Compounds in Soils - RSL [2]			**360**	**1,800**	**1.1**	**1.1**	**11**	**0.11**	**110**	**0.11**	**240**	**240**	**1.1**	**18**	**24**	**180**
FL-B04@4'	4'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B17@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B20@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SP-CS02	-	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SP-CS03	-	11/30/2023	<0.00500	<0.00500	0.00505	0.00608	<0.00500	0.00611	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SP-CS04	-	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SP-CS05	-	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B05@6’	6'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-N01@5’	5'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-S01@5’	5'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-E01@5’	5'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-W01@5’	5'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B14@5’	5'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-N02@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00607	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-S02@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-E02@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-W02@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B15@5’	5'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-N03@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-S03@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-E03@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-W03@4’	4'	11/01/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B16@5’	5'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-N04@4’	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-S04@4’	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

TABLE 3
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - PAHs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL (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**
ECMC Organic Compounds in Soils - RSL (2)			**360**	**1,800**	**1.1**	**1.1**	**11**	**0.11**	**110**	**0.11**	**240**	**240**	**1.1**	**18**	**24**	**180**
FL-E04@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-W04@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B18@5'	5'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-N05@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-S05@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-E05@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-W05@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B19@5'	5'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-N06@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-S06@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-E06@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-W06@4'	4'	11/06/2024	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Notes:
PAHs = Polycyclic Aromatic Hydrocarbons
(1) Standards for soil are taken from ECMC 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 ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
GSSL = Protection of Groundwater Screening Level
RSL = Residential Soil Screening Level
(<) = 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 ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

TABLE 3
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - PAHs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL [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
ECMC Organic Compounds in Soils - RSL [2]			360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180

*Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 4
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC

TASMAN

Soil Sample Location	Depth	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)
ECMC Metals in Soils - GSSL [1]			**0.29**	**82**	**0.38**	**0.00067**	**46**	**14**	**26**	**0.26**	**0.8**	**370**
ECMC Metals in Soils - RSL [2]			**0.68**	**15,000**	**71**	**0.3**	**3,100**	**400**	**1,500**	**390**	**390**	**23,000**
FL-B04@4'	4'	11/30/2023	1.09*	37.9	<0.200	*<0.30*	2.49	5.17	2.24	<0.260	<0.0200	9.65
FL-B17@3'	3'	11/30/2023	1.00*	23.8	<0.200	*<0.30*	2.09	3.55	1.66	<0.260	<0.0200	8.56
FL-B20@3'	3'	11/30/2023	1.18*	22.1	<0.200	*<0.30*	2.20	4.10	1.65	<0.260	0.0309	8.31
SP-CS02	-	11/30/2023	1.14*	37.4	<0.200	*<0.30*	2.77	**14.9**	2.26	<0.260	<0.0200	22.8
SP-CS03	-	11/30/2023	1.16*	30.3	<0.200	*<0.30*	2.11	3.46	2.07	<0.260	<0.0200	8.54
SP-CS04	-	11/30/2023	0.940*	29.6	<0.200	*<0.30*	2.42	3.66	2.22	<0.260	<0.0200	9.44
SP-CS05	-	11/30/2023	0.904*	19.9	<0.200	*<0.30*	2.14	4.15	1.61	<0.260	<0.0200	8.44
FL-B05@6’	6'	11/01/2024	1.39*	34.2	<0.200	*<0.30*	3.10	4.74	2.98	<0.260	<0.0200	13.0
FL-N01@5’	5'	11/01/2024	1.24*	37.5	<0.200	*<0.30*	3.25	4.49	3.21	<0.260	<0.0200	14.1
FL-S01@5’	5'	11/01/2024	1.02*	34.4	<0.200	*<0.30*	2.48	3.12	2.70	<0.260	0.0206	10.7
FL-E01@5’	5'	11/01/2024	1.32*	36.9	<0.200	*<0.30*	2.98	3.94	3.40	<0.260	<0.0200	13.6
FL-W01@5’	5'	11/01/2024	1.21*	37.8	<0.200	*<0.30*	2.84	3.59	3.02	<0.260	<0.0200	12.3
FL-B14@5’	5'	11/01/2024	0.853*	38.4	<0.200	*<0.30*	2.64	3.00	2.77	<0.260	<0.0200	10.5
FL-N02@4’	4'	11/01/2024	1.12*	25.3	<0.200	*<0.30*	2.84	3.12	3.13	<0.260	<0.0200	11.8
FL-S02@4’	4'	11/01/2024	1.79*	32.8	<0.200	*<0.30*	2.57	3.05	3.00	<0.260	<0.0200	11.4
FL-E02@4’	4'	11/01/2024	0.710*	44.3	<0.200	*<0.30*	2.69	2.57	2.66	<0.260	<0.0200	9.48
FL-W02@4’	4'	11/01/2024	0.800*	26.4	<0.200	*<0.30*	2.07	3.57	2.64	<0.260	0.0203	10.0
FL-B15@5’	5'	11/01/2024	0.987*	31.5	<0.200	*<0.30*	2.69	3.45	3.35	<0.260	<0.0200	11.7
FL-N03@4’	4'	11/01/2024	1.27*	32.7	<0.200	*<0.30*	3.06	3.18	3.51	<0.260	<0.0200	12.9
FL-S03@4’	4'	11/01/2024	1.16*	38.5	<0.200	*<0.30*	3.46	3.33	3.49	<0.260	<0.0200	11.5
FL-E03@4’	4'	11/01/2024	0.784*	28.8	<0.200	*<0.30*	2.72	2.93	3.57	<0.260	<0.0200	10.9
FL-W03@4’	4'	11/01/2024	1.04*	24.8	<0.200	*<0.30*	2.43	3.46	2.59	<0.260	<0.0200	10.7
FL-B16@5’	5'	11/06/2024	**2.32**	48.5	<0.200	*<0.30*	3.06	3.62	3.33	<0.260	0.0215	13.4
FL-N04@4’	4'	11/06/2024	**2.23**	44.6	<0.200	*<0.30*	3.09	3.58	3.55	<0.260	0.0233	14.6
FL-S04@4’	4'	11/06/2024	2.20*	58.6	<0.200	*<0.30*	3.57	3.85	3.93	<0.260	0.0218	16.5

TABLE 4
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC

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Soil Sample Location	Depth	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)
ECMC Metals in Soils - GSSL [1]			**0.29**	**82**	**0.38**	**0.00067**	**46**	**14**	**26**	**0.26**	**0.8**	**370**
ECMC Metals in Soils - RSL [2]			**0.68**	**15,000**	**71**	**0.3**	**3,100**	**400**	**1,500**	**390**	**390**	**23,000**
FL-E04@4'	4'	11/06/2024	1.84*	28.2	<0.200	*<0.30*	2.98	4.57	2.50	<0.260	<0.0200	11.7
FL-W04@4'	4'	11/06/2024	**2.55**	61.3	<0.200	*<0.30*	3.85	3.99	4.46	<0.260	0.0249	18.7
FL-B18@5'	5'	11/06/2024	**2.47**	41.2	<0.200	*<0.30*	3.67	3.79	4.24	<0.260	0.0274	18.0
FL-N05@4'	4'	11/06/2024	2.04*	40.3	<0.200	*<0.30*	2.69	3.35	2.76	<0.260	<0.0200	12.4
FL-S05@4'	4'	11/06/2024	1.96*	33.8	<0.200	*<0.30*	3.13	3.50	2.82	<0.260	<0.0200	12.8
FL-E05@4'	4'	11/06/2024	1.86*	31.8	<0.200	*<0.30*	2.48	3.09	2.39	<0.260	<0.0200	10.9
FL-W05@4'	4'	11/06/2024	2.07*	36.7	<0.200	*<0.30*	2.92	3.37	3.23	<0.260	<0.0200	13.6
FL-B19@5'	5'	11/06/2024	1.85*	36.2	<0.200	*<0.30*	3.21	3.50	2.70	<0.260	<0.0200	13.2
FL-N06@4'	4'	11/06/2024	1.80*	32.1	<0.200	*<0.30*	2.95	4.52	2.19	<0.260	<0.0200	11.1
FL-S06@4'	4'	11/06/2024	**2.25**	28.1	<0.200	*<0.30*	3.21	5.10	2.60	<0.260	0.0208	13.7
FL-E06@4'	4'	11/06/2024	1.72*	34.0	<0.200	*<0.30*	2.58	2.91	2.13	<0.260	<0.0200	11.3
FL-W06@4'	4'	11/06/2024	1.71*	31.8	<0.200	*<0.30*	2.63	3.32	2.36	<0.260	0.0203	11.4
BACKGROUND												
BH01@5'**	5'	11/28/2023	0.657	49.9	<0.200	<0.30	1.16	2.87	1.30	<0.260	<0.0200	4.88
BH02@5'**	5'	11/28/2023	1.21	43.0	<0.200	<0.30	2.40	3.29	2.59	<0.260	0.0204	9.64
BH03@5'**	5'	11/28/2023	1.15	49.2	<0.200	<0.30	2.14	3.64	2.28	<0.260	<0.0200	8.99
BH04@5'**	5'	11/28/2023	0.544	52.2	<0.200	<0.30	1.10	2.63	1.13	<0.260	<0.0200	4.61
BH05@5'**	5'	11/28/2023	0.836	25.4	<0.200	<0.30	2.02	2.69	1.80	<0.260	<0.0200	7.94
BH01@6'**	6'	11/28/2023	0.730	**66.4**	<0.200	<0.30	1.89	4.88	2.01	<0.260	**0.0250**	7.59
BH02@6'**	6'	11/28/2023	1.34	50.0	<0.200	<0.30	2.30	3.50	2.75	<0.260	<0.0200	10.7
BH03@6'**	6'	11/28/2023	1.34	45.2	<0.200	<0.30	2.75	3.65	2.77	<0.260	<0.0200	10.8
BH04@6'**	6'	11/28/2023	1.09	36.4	<0.200	<0.30	2.16	2.98	2.44	<0.260	<0.0200	9.19
BH05@6'**	6'	11/28/2023	1.27	45.2	<0.200	<0.30	2.49	3.44	2.59	<0.260	<0.0200	10.5
BH01@7'**	7'	11/28/2023	**1.77**	51.7	<0.200	<0.30	**3.43**	**4.89**	**3.52**	<0.260	0.0213	**14.0**
BH02@7'**	7'	11/28/2023	1.51	54.7	<0.200	<0.30	3.23	4.62	3.41	<0.260	0.0201	13.1

TABLE 4
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Metals in Soils - GSSL (1)			**0.29**	**82**	**0.38**	**0.00067**	**46**	**14**	**26**	**0.26**	**0.8**	**370**
ECMC Metals in Soils - RSL (2)			**0.68**	**15,000**	**71**	**0.3**	**3,100**	**400**	**1,500**	**390**	**390**	**23,000**
BH03@7'**	7'	11/28/2023	1.34	36.7	<0.200	<0.30	2.36	3.49	2.76	<0.260	<0.0200	10.8
BH04@7'**	7'	11/28/2023	1.06	40.6	<0.200	<0.30	2.04	2.84	2.21	<0.260	<0.0200	8.67
BH05@7'**	7'	11/28/2023	1.05	43.6	<0.200	<0.30	2.29	2.79	2.21	<0.260	<0.0200	8.81
Highest Background @ 0 - 7'x 1.25 (SP)			**2.21**	**83.0**	**-**	**-**	**4.29**	**6.11**	**4.40**	**-**	**0.0313**	**17.5**

Notes:
(1) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)
(2) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
GSSL = Protection of Groundwater Screening Level
RSL = Residential Soil Screening Level
(<) = Analytical result is less than the indicated laboratory minimum detection limit
mg/kg = milligrams per kilogram
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations
Highest background concentration x1.25
Italics = Laboratory minimum detection limit exceeds the ECMC Table 915-1 Standard
* Result exceeded the ECMC Table 915-1 standard, but was within site-specific 1.25x background multiplier levels
**Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 5
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation[1]			**6 - 8.3**	**< 6**	**< 4**	**2**
FL-B04@4'	4'	11/30/2023	7.60	0.0282	0.0391	<2.00
FL-B17@3'	3'	11/30/2023	8.19	3.94	0.873	<2.00
FL-B20@3'	3'	11/30/2023	7.72	3.78	0.628	<2.00
SP-CS02	-	11/30/2023	7.86	0.0275	0.0358	<2.00
SP-CS03	-	11/30/2023	7.09	0.0284	0.0414	<2.00
SP-CS04	-	11/30/2023	8.00	8.20*	2.69	<2.00
SP-CS05	-	11/30/2023	8.25	4.56	1.67	<2.00
FL-B05@6’	6'	11/01/2024	7.75	0.0876	0.0847	<2.00
FL-N01@5’	5'	11/01/2024	7.72	0.216	0.130	<2.00
FL-S01@5’	5'	11/01/2024	7.93	0.241	0.0610	<2.00
FL-E01@5’	5'	11/01/2024	7.63	0.122	0.0733	<2.00
FL-W01@5’	5'	11/01/2024	7.70	0.116	0.0478	<2.00
FL-B14@5’	5'	11/01/2024	8.00	2.44	0.384	<2.00
FL-N02@4’	4'	11/01/2024	7.96	7.06*	0.720	<2.00
FL-S02@4’	4'	11/01/2024	7.68	2.90	0.472	<2.00
FL-E02@4’	4'	11/01/2024	7.83	3.32	0.700	<2.00
FL-W02@4’	4'	11/01/2024	8.23	2.54	0.565	<2.00
FL-B15@5’	5'	11/01/2024	7.97	2.87	0.552	<2.00
FL-N03@4’	4'	11/01/2024	7.66	3.37	0.950	<2.00
FL-S03@4’	4'	11/01/2024	7.81	2.84	0.554	<2.00
FL-E03@4’	4'	11/01/2024	8.00	3.18	0.610	<2.00
FL-W03@4’	4'	11/01/2024	7.88	7.32*	1.15	<2.00
FL-B16@5’	5'	11/06/2024	8.07	2.85	0.464	<2.00
FL-N04@4’	4'	11/06/2024	7.93	2.82	0.589	<2.00
FL-S04@4’	4'	11/06/2024	8.01	3.38	0.603	<2.00
FL-E04@4’	4'	11/06/2024	7.94	3.81	1.28	<2.00
FL-W04@4’	4'	11/06/2024	8.04	3.04	0.535	<2.00
FL-B18@5’	5'	11/06/2024	7.99	0.812	0.328	<2.00
FL-N05@4’	4'	11/06/2024	8.16	0.657	0.348	<2.00
FL-S05@4’	4'	11/06/2024	**8.32**	3.96	0.846	<2.00

TABLE 5
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation[1]			**6 - 8.3**	**< 6**	**< 4**	**2**
FL-E05@4'	4'	11/06/2024	8.20	1.34	0.456	<2.00
FL-W05@4'	4'	11/06/2024	8.22	0.621	0.258	<2.00
FL-B19@5'	5'	11/06/2024	8.23	1.16	0.391	<2.00
FL-N06@4'	4'	11/06/2024	7.91	7.94*	1.52	<2.00
FL-S06@4'	4'	11/06/2024	8.01	6.07*	1.78	<2.00
FL-E06@4'	4'	11/06/2024	8.15	2.48	0.517	<2.00
FL-W06@4'	4'	11/06/2024	8.16	3.27	2.01	<2.00
BACKGROUND						
BH01@5'**	5'	11/28/2023	7.79	2.78	0.420	<2.00
BH02@5'**	5'	11/28/2023	7.77	3.35	0.520	<2.00
BH03@5'**	5'	11/28/2023	7.93	**9.22**	0.968	<2.00
BH04@5'**	5'	11/28/2023	7.88	6.36	0.805	<2.00
BH05@5'**	5'	11/28/2023	7.61	4.17	0.807	<2.00
BH01@6'**	6'	11/28/2023	7.24	2.75	0.407	<2.00
BH02@6'**	6'	11/28/2023	**7.95**	4.49	0.540	<2.00
BH03@6'**	6'	11/28/2023	7.53	6.01	**1.26**	<2.00
BH04@6'**	6'	11/28/2023	7.56	3.35	0.784	<2.00
BH05@6'**	6'	11/28/2023	7.66	4.61	0.971	<2.00
BH01@7'**	7'	11/28/2023	7.31	2.82	0.386	<2.00
BH02@7'**	7'	11/28/2023	7.19	0.875	0.384	<2.00
BH03@7'**	7'	11/28/2023	7.65	2.58	0.813	<2.00
BH04@7'**	7'	11/28/2023	7.82	3.26	0.765	<2.00
BH05@7'**	7'	11/28/2023	7.74	2.70	0.978	<2.00
Highest Background @ 0 - 7'x 1.25 (SP)			**7.95**	**9.22**	**1.26**	**-**

Notes:
(1) Standards for soil are taken from ECMC Table 915-1: Soil Suitability for Reclamation (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management 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

TABLE 5
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA LEFT IN PLACE - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation[1]			**6 - 8.3**	**< 6**	**< 4**	**2**

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

Highest background concentration

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

**Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 6
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
GROUNDWATER ANALYTICAL DATA
CRESTONE PEAK RESOURCES OPERATING, LLC

Groundwater Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ehtylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Chloride (mg/L)	Sulfate (mg/L)	TDS (mg/L)
ECMC Organic Compounds in Groundwater and Groundwater Inorganic Parameters (1)		**5**	**560**	**700**	**1,400**	**140**	**67**	**67**	**250 or <1.25 x Background**	**250 or <1.25 x Background**	**<1.25 x Background**
FL-GW01	11/30/2023	**260**	**1,100**	67	**1,500**	44	**430**	**320**	-	-	-
FL-GW02	11/30/2023	**2,400**	**6,700**	160	**3,500**	18	**150**	**100**	-	-	-
FL-GW03	11/30/2023	**100**	140	6.9	100	<1.0	8.3	5.8	-	-	-
FL-GW04	11/30/2023	**660**	**640**	25	390	<1.0	16	11	-	-	-
FL-GW05	11/30/2023	4.7	19	<1.0	12	<1.0	<1.0	<1.0	-	-	-
FL-GW06	11/30/2023	**110**	220	12	190	<1.0	16	11	-	-	-
FL-GW07	11/30/2023	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-	-
GW08	11/06/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	514	574	1,860
GW09	11/06/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	522	606	2,000
GW10	11/06/2024	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	479	566	2,170

Notes:
(1) Standards for groundwater are taken from ECMC Table 915-1: Organic Compounds in Groundwater and Groundwater Inorganic Parameters (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit
µg/L = micrograms per liter
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
TDS = Total Dissolved Solids
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Groundwater and Groundwater Inorganic Parameters
- = Constituent not analyzed

TABLES

IMPACTED MATERIAL REMOVED

TABLE 1
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL SAMPLE LOCATIONS REMOVED
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
FL-B01@4'*	4'	10/25/2023	2.3	40.245381	-104.641330	1.5	Y
FL-B02@4'	4'	11/30/2023	0.7	40.241986	-104.640876	1.1	Y
FL-B03@4'	4'	11/30/2023	0.7	40.241895	-104.640867	1.1	Y
FL-B05@4'	4'	11/30/2023	0.4	40.242115	-104.640554	0.8	Y
FL-B14@3'	3'	11/30/2023	25.6	40.244134	-104.640881	-	Y
FL-B15@3'	3'	11/30/2023	35.7	40.244268	-104.640949	-	Y
FL-B16@3'	3'	11/30/2023	51.2	40.244418	-104.641014	-	Y
FL-B18@3'	3'	11/30/2023	0.3	40.244712	-104.641135	1.3	Y
FL-B19@3'	3'	11/30/2023	0.7	40.244983	-104.641219	0.9	Y
BACKGROUND							
BH01@5'*	5'	11/28/2023	0.4	40.245549	-104.641534	0.8	Y
BH01@6'*	6'	11/28/2023	0.4	40.245549	-104.641534	0.8	Y
BH01@7'*	7'	11/28/2023	0.2	40.245549	-104.641534	0.8	Y
BH02@5'*	5'	11/28/2023	0.1	40.245430	-104.641560	0.8	Y
BH02@6'*	6'	11/28/2023	0.1	40.245430	-104.641560	0.8	Y
BH02@7'*	7'	11/28/2023	0.0	40.245430	-104.641560	0.8	Y
BH03@5'*	5'	11/28/2023	0.0	40.245287	-104.641516	0.8	Y
BH03@6'*	6'	11/28/2023	0.1	40.245287	-104.641516	0.8	Y
BH03@7'*	7'	11/28/2023	0.0	40.245287	-104.641516	0.8	Y
BH04@5'*	5'	11/28/2023	1.3	40.245167	-104.641401	0.8	Y
BH04@6'*	6'	11/28/2023	0.5	40.245167	-104.641401	0.8	Y
BH04@7'*	7'	11/28/2023	0.4	40.245167	-104.641401	0.8	Y
BH05@5'	5'	11/28/2023	1.3	40.245162	-104.641312	0.8	Y
BH05@6'*	6'	11/28/2023	1.4	40.245162	-104.641312	0.8	Y
BH05@7'*	7'	11/28/2023	1.1	40.245162	-104.641312	0.8	Y

Notes:
PID = Photoionization Detector
ppm = parts per million
GPS = Global Positioning System
PDOP = Position Dilution of Precision
- = Not Applicable
*Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 2
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA REMOVED - VOCs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL (1)			**0.0026**	**0.69**	**0.78**	**9.9**	**0.0038**	**500**			**0.0081**	**0.0087**
ECMC Organic Compounds in Soils - RSL (2)			**1.2**	**490**	**5.8**	**58**	**2**	**500**			**30**	**27**
FL-B01@4'*	4'	10/25/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B02@4'	4'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B03@4'	4'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B05@4'	4'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B14@3'	3'	11/30/2023	<0.0020	0.0078	<0.0050	0.050	<0.0038	<0.50	<50	<50	0.0057	0.0071
FL-B15@3'	3'	11/30/2023	**0.73**	**3.1**	0.40	3.4	**0.027**	100	<50	<50	**74**	**0.63**
FL-B16@3'	3'	11/30/2023	**0.14**	0.25	<0.0050	0.27	<0.0038	2.0	<50	<50	**0.021**	**0.016**
FL-B18@3'	3'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
FL-B19@3'	3'	11/30/2023	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050

Notes:
VOCs = Volatile Organic Compounds
(1) Standards for soil are taken from ECMC 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 ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
GSSL = Protection of Groundwater Screening Level
RSL = Residential Soil Screening Level
(<) = 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 ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations
*Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 3
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA REMOVED - PAHs
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL (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**
ECMC Organic Compounds in Soils - RSL (2)			**360**	**1,800**	**1.1**	**1.1**	**11**	**0.11**	**110**	**0.11**	**240**	**240**	**1.1**	**18**	**24**	**180**
FL-B01@4'*	4'	10/25/2023	<0.00500	<0.00500	**0.144**	0.139	0.0378	0.0889	0.0778	0.0105	0.0878	<0.00500	0.0626	<0.00500	<0.00500	0.0719
FL-B02@4'	4'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B03@4'	4'	11/30/2023	<0.00500	<0.00500	**0.0161**	0.0118	<0.00500	0.0119	0.0139	<0.00500	0.0222	<0.00500	<0.00500	<0.00500	<0.00500	0.0239
FL-B05@4'	4'	11/30/2023	<0.00500	0.0174	**0.0703**	0.0545	0.0183	0.0634	0.0658	<0.00500	0.0900	<0.00500	0.0282	<0.00500	<0.00500	0.0979
FL-B14@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B15@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B16@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B18@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FL-B19@3'	3'	11/30/2023	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Notes:
PAHs = Polycyclic Aromatic Hydrocarbons
(1) Standards for soil are taken from ECMC 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 ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
GSSL = Protection of Groundwater Screening Level
RSL = Residential Soil Screening Level
(<) = 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 ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations
*Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 4
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA REMOVED - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Metals in Soils - GSSL [1]			**0.29**	**82**	**0.38**	**0.00067**	**46**	**14**	**26**	**0.26**	**0.8**	**370**
ECMC Metals in Soils - RSL [2]			**0.68**	**15,000**	**71**	**0.3**	**3,100**	**400**	**1,500**	**390**	**390**	**23,000**
FL-B01@4'**	4'	10/25/2023	0.653*	22.8	<0.200	*<0.30*	3.03	**15.0**	1.19	<0.260	<0.0200	10.7
FL-B02@4'	4'	11/30/2023	1.17*	39.5	<0.200	*<0.30*	2.32	5.33	2.34	<0.260	<0.0200	9.60
FL-B03@4'	4'	11/30/2023	1.34*	52.6	<0.200	*<0.30*	2.29	4.49	2.25	<0.260	<0.0200	9.85
FL-B05@4'	4'	11/30/2023	1.21*	41.5	<0.200	*<0.30*	2.41	3.91	2.38	<0.260	0.0224	9.50
FL-B14@3'	3'	11/30/2023	1.17*	21.6	<0.200	*<0.30*	2.37	4.55	1.83	<0.260	<0.0200	8.86
FL-B15@3'	3'	11/30/2023	0.519*	15.1	<0.200	*<0.30*	2.24	4.99	1.47	<0.260	<0.0200	9.08
FL-B16@3'	3'	11/30/2023	1.04*	20.0	<0.200	*<0.30*	2.10	4.25	1.71	<0.260	<0.0200	8.08
FL-B18@3'	3'	11/30/2023	1.06*	24.9	<0.200	*<0.30*	2.06	4.04	1.73	**0.400**	<0.0200	8.65
FL-B19@3'	3'	11/30/2023	0.707*	18.7	<0.200	*<0.30*	2.04	3.60	1.50	<0.260	<0.0200	7.69
BACKGROUND												
BH01@5'**	5'	11/28/2023	0.657	49.9	<0.200	<0.30	1.16	2.87	1.30	<0.260	<0.0200	4.88
BH02@5'**	5'	11/28/2023	1.21	43.0	<0.200	<0.30	2.40	3.29	2.59	<0.260	0.0204	9.64
BH03@5'**	5'	11/28/2023	1.15	49.2	<0.200	<0.30	2.14	3.64	2.28	<0.260	<0.0200	8.99
BH04@5'**	5'	11/28/2023	0.544	52.2	<0.200	<0.30	1.10	2.63	1.13	<0.260	<0.0200	4.61
BH05@5'**	5'	11/28/2023	0.836	25.4	<0.200	<0.30	2.02	2.69	1.80	<0.260	<0.0200	7.94
BH01@6'**	6'	11/28/2023	0.730	**66.4**	<0.200	<0.30	1.89	4.88	2.01	<0.260	**0.0250**	7.59
BH02@6'**	6'	11/28/2023	1.34	50.0	<0.200	<0.30	2.30	3.50	2.75	<0.260	<0.0200	10.7
BH03@6'**	6'	11/28/2023	1.34	45.2	<0.200	<0.30	2.75	3.65	2.77	<0.260	<0.0200	10.8
BH04@6'**	6'	11/28/2023	1.09	36.4	<0.200	<0.30	2.16	2.98	2.44	<0.260	<0.0200	9.19
BH05@6'**	6'	11/28/2023	1.27	45.2	<0.200	<0.30	2.49	3.44	2.59	<0.260	<0.0200	10.5
BH01@7'**	7'	11/28/2023	**1.77**	51.7	<0.200	<0.30	**3.43**	**4.89**	**3.52**	<0.260	0.0213	**14.0**
BH02@7'**	7'	11/28/2023	1.51	54.7	<0.200	<0.30	3.23	4.62	3.41	<0.260	0.0201	13.1
BH03@7'**	7'	11/28/2023	1.34	36.7	<0.200	<0.30	2.36	3.49	2.76	<0.260	<0.0200	10.8
BH04@7'**	7'	11/28/2023	1.06	40.6	<0.200	<0.30	2.04	2.84	2.21	<0.260	<0.0200	8.67
BH05@7'**	7'	11/28/2023	1.05	43.6	<0.200	<0.30	2.29	2.79	2.21	<0.260	<0.0200	8.81

TABLE 4
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA REMOVED - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	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)
ECMC Metals in Soils - GSSL (1)			**0.29**	**82**	**0.38**	**0.00067**	**46**	**14**	**26**	**0.26**	**0.8**	**370**
ECMC Metals in Soils - RSL (2)			**0.68**	**15,000**	**71**	**0.3**	**3,100**	**400**	**1,500**	**390**	**390**	**23,000**
Highest Background @ 0 - 7'x 1.25 (SP)			**2.21**	**83.0**	**-**	**-**	**4.29**	**6.11**	**4.40**	**-**	**0.0313**	**17.5**

Notes:
(1) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)
(2) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
GSSL = Protection of Groundwater Screening Level
RSL = Residential Soil Screening Level
(<) = Analytical result is less than the indicated laboratory minimum detection limit
mg/kg = milligrams per kilogram
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations
Highest background concentration x1.25
Italics = Laboratory minimum detection limit exceeds the ECMC Table 915-1 Standard
* Result exceeded the ECMC Table 915-1 standard, but was within site-specific 1.25x background multiplier levels
**Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)

TABLE 5
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA REMOVED - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation[1]			**6 - 8.3**	**< 6**	**< 4**	**2**
FL-B01@4'**	4'	10/25/2023	7.28	2.30	0.597	<2.00
FL-B02@4'	4'	11/30/2023	8.09	0.0273	0.0344	<2.00
FL-B03@4'	4'	11/30/2023	**8.36**	0.0134	0.0655	<2.00
FL-B05@4'	4'	11/30/2023	6.93	0.0883	0.0623	<2.00
FL-B14@3'	3'	11/30/2023	**9.02**	**11.4**	2.52	**2.87**
FL-B15@3'	3'	11/30/2023	**8.44**	8.24*	2.22	<2.00
FL-B16@3'	3'	11/30/2023	**8.32**	6.67*	1.66	<2.00
FL-B18@3'	3'	11/30/2023	8.01	2.09	0.505	<2.00
FL-B19@3'	3'	11/30/2023	**8.53**	3.84	1.11	<2.00
BACKGROUND						
BH01@5'**	5'	11/28/2023	7.79	2.78	0.420	<2.00
BH02@5'**	5'	11/28/2023	7.77	3.35	0.520	<2.00
BH03@5'**	5'	11/28/2023	7.93	**9.22**	0.968	<2.00
BH04@5'**	5'	11/28/2023	7.88	6.36	0.805	<2.00
BH05@5'**	5'	11/28/2023	7.61	4.17	0.807	<2.00
BH01@6'**	6'	11/28/2023	7.24	2.75	0.407	<2.00
BH02@6'**	6'	11/28/2023	**7.95**	4.49	0.540	<2.00
BH03@6'**	6'	11/28/2023	7.53	6.01	**1.26**	<2.00
BH04@6'**	6'	11/28/2023	7.56	3.35	0.784	<2.00
BH05@6'**	6'	11/28/2023	7.66	4.61	0.971	<2.00
BH01@7'**	7'	11/28/2023	7.31	2.82	0.386	<2.00
BH02@7'**	7'	11/28/2023	7.19	0.875	0.384	<2.00
BH03@7'**	7'	11/28/2023	7.65	2.58	0.813	<2.00
BH04@7'**	7'	11/28/2023	7.82	3.26	0.765	<2.00
BH05@7'**	7'	11/28/2023	7.74	2.70	0.978	<2.00
Highest Background @ 0 - 7'x 1.25 (SP)			**7.95**	**9.22**	**1.26**	**-**

Notes:
(1) Standards for soil are taken from ECMC Table 915-1: Soil Suitability for Reclamation (Effective January 15, 2021)
ECMC = Colorado Energy & Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit
mmhos/cm = millimhos per centimeter
mg/L = milligrams per liter

TABLE 5
ARISTOCRAT ANGUS 42-10 & 7-2-10 COMMON LINE
SOIL ANALYTICAL DATA REMOVED - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC

Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
ECMC Soil Suitability for Reclamation[1]			**6 - 8.3**	**< 6**	**< 4**	**2**

pH = Potential of Hydrogen
SAR = Sodium Adsorption Ratio
EC = Electrical Conductivity
BOLD = Analytical result is in exceedance of ECMC Table 915-1: Soil Suitability for Reclamation Concentrations
Highest background concentration
* Result exceeded the ECMC Table 915-1 standard, but was within site-specific background concentrations
**Sample location collected as part of Aristocrat 41-10C site assessment (REM #: 30658)