

David Tewkesbury
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 Crestone Peak Resources LLC
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Quantitative Vegetation Survey Report

COGCC Location Name (ID)	ERIE CHAMPLIN B UNIT-61N68W /18SESE (335563)
Operator Location Name	ERIE CHAMPLIN B UNIT 2 Well Pad & Facility
COGCC Operator Name (ID)	Crestone Peak Resources Operating LLC (10633)
Legal Description	SESE Sec. 18 T1N-R68W
Geographic Coordinates (WGS84)	40.04671/-105.04081

Mr. Tewkesbury,

Confluence Compliance Companies LLC (Confluence) is presenting this report to Crestone Peak Resources Operating LLC (Crestone) documenting the results of a Quantitative Vegetation Survey (QVS) completed on the above-referenced location. The QVS was conducted to evaluate vegetation cover and composition in the reclaimed surface of the location (Reclaimed Surface) and an equivalent reference area (Reference Area) to determine if vegetative cover requirements for final reclamation in Colorado Oil & Gas Conservation Commission (COGCC) Rule 1004.d have been met. Included with this Report is a review of methodologies used to evaluate the Reclaimed Surface, results of those evaluations, and recommendations for how to proceed with the information presented in this Report. Attached is a Summary of Field Data, Topographic Location Map, Reclamation Survey Site Diagram, Vegetation Assessment Photo Log, Relative Foliar Species Abundance Table, and Vegetation Survey results that illustrate QVS findings.

Methods

The survey methodology employed by Confluence is based on the step-point method described in an interagency technical reference published by the Bureau of Land Management (BLM, 1996). Prior to field evaluation, a desktop review of historical CPR and COGCC records, and an aerial imagery evaluation is performed to define and map all portions of the Reclaimed Surface and identify and map an equivalent Reference Area. Equivalent Reference Area(s) are selected to ensure that comparative assessments are conducted in areas not previously impacted by oil and gas operations or other surface disturbing processes, have similar slope and aspect to the Reclaimed Surface, and are reflective of pre-disturbance conditions for the referenced location to the extent feasible. When on-site, data from the desktop review is confirmed with observations of site conditions to confirm the preliminary transect locations chosen to characterize the Reclaimed Surface and Reference Area. Transect locations are selected to best represent the vegetative cover and species composition of the respective areas, and to limit subjectivity of field personnel.

A bullseye target tool is used to collect vegetation survey data at 50 survey points along each transect. Foliar and basal cover, along with non-vegetated and noxious weed occurrences, are documented at each survey point within the two Reclaim Transects and

two Reference Transects, for a total of 100 survey points in both areas. Transect data is documented in the Vegetation Survey – Field Data Tables. Photographs are collected throughout the QVS to document site conditions and depict transects. These photos are included in the Vegetation Assessment Photo Log. The Reclamation Survey Site Diagram illustrates Transect locations as well as photo collection points.

Noxious weeds listed by the Colorado Department of Agriculture are excluded from the percent of reference vegetative coverage calculations, per COGCC Rule 1004.d. To ensure reclamation vegetative composition meets the standards of CPR and the COGCC, undesirable cover is also quantified in the attached Summary of Field Data. Undesirable cover includes species identified by the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) as introduced and not native to the lower 48 states, and not considered beneficial for reclamation purposes. All other vegetation not classified as noxious or undesirable, is identified by growth habit (grass, forb, shrub) and is considered desirable vegetative cover.

Results

The QVS was conducted on August 10, 2021, with the following findings:

- Reclaimed Surface Desirable Foliar Cover is 84.0%
- Reference Area Desirable Foliar Cover is 21.0%%.
- Vegetative foliar cover within the Reclaimed Surface is composed of 85.7% desirable species, 9.2% undesirable species, and 5.1% noxious List C species.
- Vegetative foliar cover within the Reference Area is composed of 22.4% desirable species, 27.7% undesirable species, 1.1% noxious Watch List species, 46.8% noxious List C species, and 1.1% noxious List B species.
- Reclaimed Surface desirable dominant species include Crested wheatgrass (*Agropyron cristatum*), Western tansymustard (*Descurainia pinnata*), Alfalfa (*Medicago sativa*), and Sand dropseed (*Sporobolus cryptandrus*).
- Reference area desirable dominant species include Sand dropseed (*Sporobolus cryptandrus*), Alfalfa (*Medicago sativa*), Prairie sunflower (*Helianthus petiolaris*), and Fleabane daisy (*Erigeron bellidiastrum*).

Based on these findings, the Reclaimed Surface has a desirable foliar vegetative cover that is 400.0% of the Reference Area.

Analysis and Recommendations

Based on the results of the survey, final reclamation as defined by COGCC rules, has been achieved and vegetation cover has been established that reflects pre-disturbance conditions with a total plant cover of at least 80% of the Reference Area. The surface owner's designated final land use has changed, and the property is now developed for public recreation as a disk golf course. A path has been constructed through the Reclaimed Surface and a disk golf hole has been placed in the center of the former well pad. Vegetation has been cleared along this path and around the hole, preventing uniform perennial cover and creating space for undesirable species establishment. This land use is likely to result in degradation of the Reclaimed Surface through increased foot traffic and trampling of the reclaimed vegetation. No reclamation maintenance is recommended for this location as undesirable and noxious vegetative species were not over-represented within



the Reclaimed Surface when compared to the Reference Area and vegetation establishment is uniform in areas outside of the disk golf hole and walking path regions. Submittal of a Form 4 (Sundry Notice) is recommended to document successful completion of final reclamation and notify the COGCC that the site is ready for a final reclamation inspection.

Confluence appreciates the opportunity to provide environmental consulting services on this project. If you have any questions about our methodology, the results of this assessment, or our conclusions, please let me know.

Respectfully,



Adam Roll
Project Scientist
970-589-6111 (M)
Adam.Roll@confluence-cc.com

Attachments

1. Quantitative Vegetation Survey – Summary of Field Data
2. Topographic Location Map
3. Reclamation Survey Site Diagram
4. Vegetation Assessment Photo Log
5. Quantitative Vegetation Survey – Relative Foliar Species Abundance Table
6. Quantitative Vegetation Survey – Field Data Tables

References

United States (U.S.) Department of Agriculture (USDA), Forest Service (USFS), Natural Resource Conservation Service (NRCS) and U.S. Department of the Interior (USDOI) Bureau of Land Management (BLM). "Sampling Vegetation Attributes, Interagency Technical Reference, 1996 (Revised in 1997, and 1999)". USDOI BLM Technical References #1734-4.



Quantitative Vegetation Survey - Summary of Field Data

Client	CRESTONE PEAK RESOURCES OPERATING, LLC (10633)
Operator Location Information	ERIE CHAMPLIN B UNIT 2 Well & Facility (Location ID: 335563)
Assessment Date	8/10/2021
Inspector Name	Adam Roll

Based on the survey methodology, the desirable foliar cover (%) in each survey area is calculated by summing the total number of foliar occurrences (#), excluding noxious weeds and undesirable species, and dividing by the total possible foliar occurrences in the transects (100). For this location:

Reclaim Area Vegetation

Desirable Foliar Cover = 84.0%

$$(79 + 5 + 0) / 100 = 0.84$$

Reference Area Vegetation

Desirable Foliar Cover = 21.0%

$$(17 + 4 + 0) / 100 = 0.21$$

For the purposes of this assessment, the undesirable foliar cover (%) in each survey is calculated by summing the total number of undesirable* foliar occurrences (#), excluding noxious weeds, and dividing by the total possible foliar occurrences in the transects (100). For this location:

Undesirable Foliar Cover = 9.0%

$$9 / 100 = 0.09$$

Undesirable Foliar Cover = 26.0%

$$26 / 100 = 0.26$$

The percent of reference used to evaluate the reclamation area for compliance with COGCC Rule 1004.d. is calculated by dividing the desirable foliar cover (%) in the reclaim area by the desirable foliar cover (%) in the reference area. For this location:

Percent of Reference = 400.0%

$$84\% / 21\% = 400\%$$

Reclaim Area Vegetation

Cover Type	#	%**
Desirable Foliar Cover	84	42%
Grass	79	40%
Forb	5	3%
Shrub	0	0%
Desirable Basal Cover	26	13%
Grass	26	13%
Forb	0	0%
Shrub	0	0%
Undesirable Cover	13	7%
Foliar	9	5%
Basal	4	2%
Non Vegetated	59	30%
Bare Ground	10	5%
Litter	49	25%
Rock	0	0%
Noxious Weeds Cover	18	9%
Foliar	5	3%
Basal	13	7%
Quality Assurance Total**	200	100%

Reference Area Vegetation

Cover Type	#	%**
Desirable Foliar Cover	21	11%
Grass	17	9%
Forb	4	2%
Shrub	0	0%
Desirable Basal Cover	13	7%
Grass	11	6%
Forb	2	1%
Shrub	0	0%
Undesirable Cover	30	15%
Foliar	26	13%
Basal	4	2%
Non Vegetated	67	34%
Bare Ground	14	7%
Litter	53	27%
Rock	0	0%
Noxious Weeds Cover	69	35%
Foliar	47	24%
Basal	22	11%
Quality Assurance Total**	200	100%

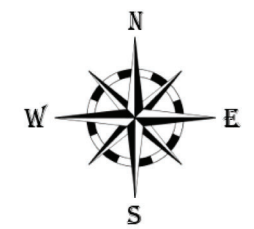
* Identified as introduced and non-native to the lower 48 states by the USDA NRCS, and not considered beneficial for reclamation purposes.
 ** % cover in the above cover detail tables represents Total Cover. For representation purposes, vegetative and non vegetated % Total Cover is rounded to the nearest whole number. The Quality Assurance Total is the summation of % cover with all applicable decimal numbers.

Topographic Location Map

**CRESTONE PEAK RESOURCES OPERATING,
LLC (10633)**

ERIE CHAMPLIN B UNIT 2 Well & Facility
(ERIE CHAMPLIN B UNIT-61N68W /18SESE)
COGCC Location ID: 335563

Weld County
SESE Sec. 18 T1N-R68W
Lat./Long.: 40.04671/-105.04081
Land Use: Non-Crop



Topographic map sourced from 2020 Earth Point using data provided by United States Geological Survey
Map created by Carolyn Craveiro on 10/09/2021.

ERIE CHAMPLIN B UNIT 2 Well & Facility

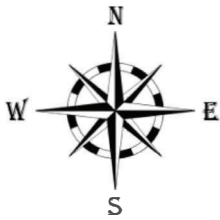


**Reclamation Survey Site
Diagram**





CRESTONE PEAK RESOURCES OPERATING, LLC
(10633)

ERIE CHAMPLIN B UNIT 2 Well & Facility
(ERIE CHAMPLIN B UNIT-61N68W /18SESE)
COGCC Location ID: 335563

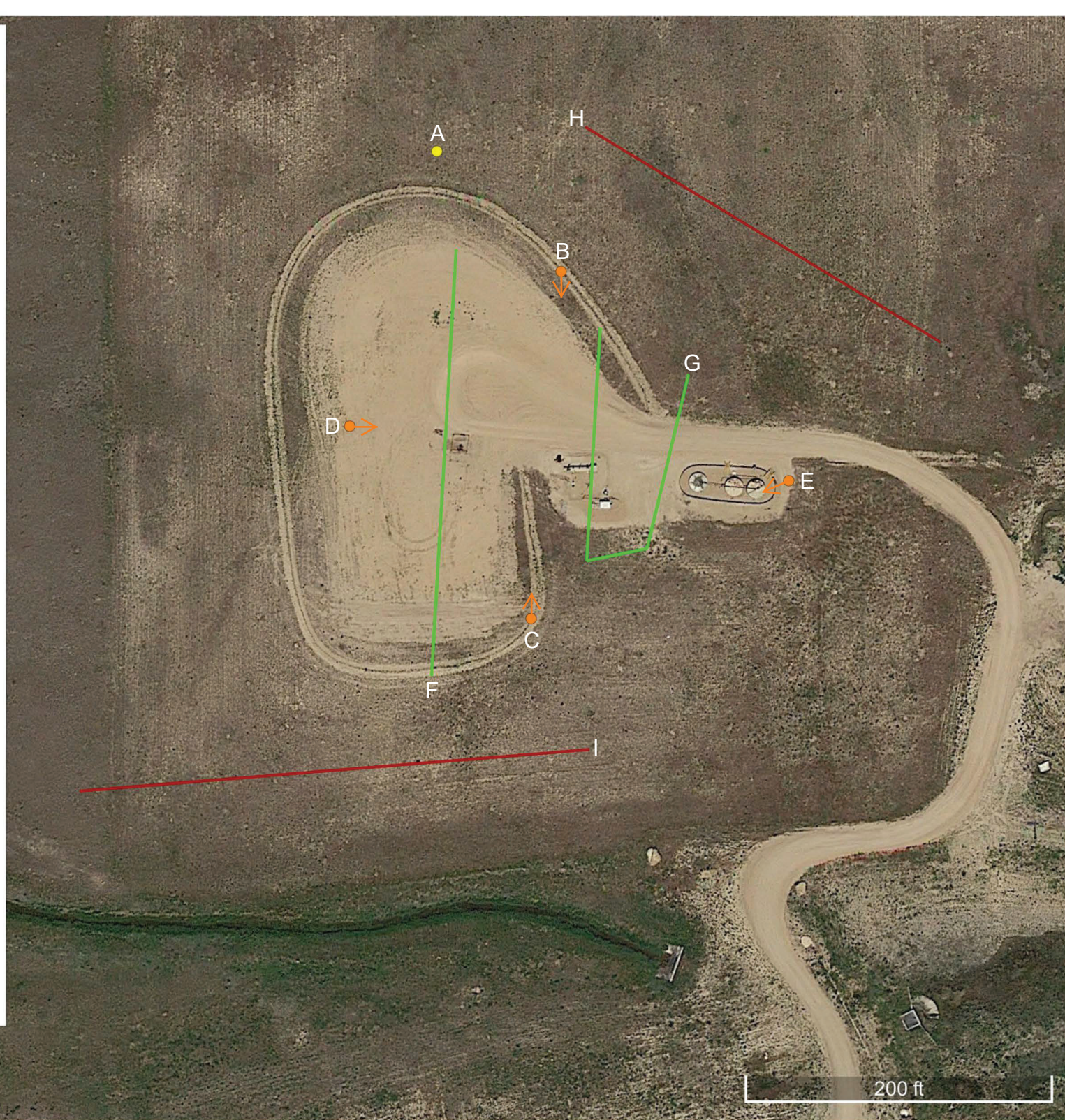
Weld County
SESE Sec. 18 T1N-R68W
Lat./Long.: 40.04671/-105.04081
Land Use: Non-Crop
Aerial Imagery Date: 06/09/2017



Legend

-  Directional Photo Point
-  Photo Point
-  Reference Transect
-  Reclaim Transect

Map created by Carolyn Craveiro on 10/09/2021.



Vegetation Assessment Photo Log

Date Completed - 08/10/2021

Client - Crestone Peak Resources Operating LLC

Location Name (ID) - ERIE CHAMPLIN B UNIT 2 Well & Facility (335563)



Photo Point A: Edge of Disturbance - Facing Southeast



Vegetation Assessment Photo Log

Date Completed - 08/10/2021

Client - Crestone Peak Resources Operating LLC

Location Name (ID) - ERIE CHAMPLIN B UNIT 2 Well & Facility (335563)



Directional Photo Point B: North of Disturbance - Facing South



Directional Photo Point C: South of Disturbance - Facing North



Directional Photo Point D: West of Disturbance - Facing East



Directional Photo Point E: East of Disturbance - Facing Southwest



Vegetation Assessment Photo Log

Date Completed - 08/10/2021

Client - Crestone Peak Resources Operating LLC

Location Name (ID) - ERIE CHAMPLIN B UNIT 2 Well & Facility (335563)



Aug 10, 2021 9:20:07 AM
40.04719272N 105.04087533W
162° S
Weld County
Erie Champlin B Unit 2
Well & Facility

Photo Point A: Reclamation Area - Facing South





Photo Point F: Reclaim Transect 1 - Facing Northwest



Photo Point G: Reclaim Transect 2 - Facing South



Vegetation Assessment Photo Log

Client - Crestone Peak Resources Operating LLC

Date Completed - 08/10/2021

Location Name (ID) - ERIE CHAMPLIN B UNIT 2 Well & Facility (335563)



Photo Point A: Reference Area - Facing North





Photo Point H: Reference Transect 1 - Facing East



Photo Point I: Reference Transect 2 - Facing Southwest



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Operator Location Information	ERIE CHAMPLIN B UNIT 2 Well & Facility (Location ID: 335563)
Assessment Date	8/10/2021
Inspector Name	Adam Roll

Relative Foliar Species Abundance

Relative foliar species abundance is calculated by dividing the total number of foliar occurrences (#) of an individual species by the total number of foliar occurrences (#) in the transect(s).

Species listed by transect area	#	%
Reclaim	98	100.0%
Forb	5	5.1%
Western tansymustard (<i>Descurainia pinnata</i>)	4	4.1%
Alfalfa (<i>Medicago sativa</i>)	1	1.0%
Grass	79	80.6%
Crested wheatgrass (<i>Agropyron cristatum</i>)	78	79.6%
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1	1.0%
Noxious List C	5	5.1%
Downy brome (<i>Bromus tectorum</i>)	3	3.1%
Field bindweed (<i>Convolvulus arvensis</i>)	2	2.0%
Undesirable	9	9.2%
Kochia (<i>Kochia scoparia</i>)	8	8.2%
Yellow sweet clover (<i>Melilotus officinalis</i>)	1	1.0%
Reference	94	100.0%
Forb	4	4.3%
Alfalfa (<i>Medicago sativa</i>)	2	2.1%
Prairie sunflower (<i>Helianthus petiolaris</i>)	1	1.1%
Fleabane daisy (<i>Erigeron bellidiastrum</i>)	1	1.1%
Grass	17	18.1%
Sand dropseed (<i>Sporobolus cryptandrus</i>)	14	14.9%
Bottlebrush squirreltail (<i>Elymus elymoides</i>)	1	1.1%
Threeawn (<i>Aristida</i> Spp.)	1	1.1%
Smooth brome (<i>Bromus inermis</i>)	1	1.1%
Noxious List B	1	1.1%
Canada Thistle (<i>Cirsium arvense</i>)	1	1.1%
Noxious List C	44	46.8%
Downy brome (<i>Bromus tectorum</i>)	29	30.9%
Field bindweed (<i>Convolvulus arvensis</i>)	15	16.0%
Noxious Watch List	2	2.1%
Hoary alyssum (<i>Berteroa incana</i>)	2	2.1%
Undesirable	26	27.7%
Wild oat (<i>Avena fatua</i>)	12	12.8%
Yellow sweet clover (<i>Melilotus officinalis</i>)	6	6.4%
Yellow salsify (<i>Tragopogon dubius</i>)	4	4.3%
Kochia (<i>Kochia scoparia</i>)	3	3.2%
Russian thistle (<i>Salsola tragus</i> L.)	1	1.1%
Grand Total	192	

Client	CRESTONE PEAK RESOURCES OPERATING, LLC (10633)
Operator Location Information	ERIE CHAMPLIN B UNIT 2 Well & Facility (Location ID: 335563)
Assessment Date	8/10/2021
Inspector Name	Adam Roll
Transect Length	277 Feet

Reclaim Transect 1

Point #	Cover Type - Foliar	Species - Foliar	Cover Type - Basal	Species - Basal
1	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
2	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
3	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
4	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
5	Forb	Western tansymustard (Descurainia pinnata)	Grass	Crested wheatgrass (Agropyron cristatum)
6	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
7	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
8	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
9	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
10	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
11	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
12	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
13	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
14	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
15	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
16	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
17	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
18	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
19	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
20	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
21	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
22	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
23	None	NA	Non-Vegetated	Bare Ground
24	Undesirable	Kochia (Kochia scoparia)	Undesirable	Kochia (Kochia scoparia)
25	Undesirable	Kochia (Kochia scoparia)	Undesirable	Kochia (Kochia scoparia)
26	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
27	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
28	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
29	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
30	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Bare Ground
31	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
32	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
33	Noxious List C	Field bindweed (Convolvulus arvensis)	Grass	Crested wheatgrass (Agropyron cristatum)
34	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Bare Ground
35	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
36	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
37	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
38	Forb	Alfalfa (Medicago sativa)	Non-Vegetated	Litter
39	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
40	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
41	Forb	Western tansymustard (Descurainia pinnata)	Grass	Crested wheatgrass (Agropyron cristatum)
42	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
43	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Bare Ground
44	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
45	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
46	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
47	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
48	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
49	Undesirable	Yellow sweet clover (Melilotus officinalis)	Non-Vegetated	Bare Ground
50	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)

Client	CRESTONE PEAK RESOURCES OPERATING, LLC (10633)
Operator Location Information	ERIE CHAMPLIN B UNIT 2 Well & Facility (Location ID: 335563)
Assessment Date	8/10/2021
Inspector Name	Adam Roll
Transect Length	308 Feet

Reclaim Transect 2

Point #	Cover Type - Foliar	Species - Foliar	Cover Type - Basal	Species - Basal
1	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Bare Ground
2	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
3	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
4	Forb	Western tansymustard (Descurainia pinnata)	Non-Vegetated	Litter
5	Grass	Crested wheatgrass (Agropyron cristatum)	Undesirable	Kochia (Kochia scoparia)
6	Forb	Western tansymustard (Descurainia pinnata)	Non-Vegetated	Litter
7	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
8	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Downy brome (Bromus tectorum)
9	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
10	Undesirable	Kochia (Kochia scoparia)	Non-Vegetated	Bare Ground
11	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
12	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
13	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
14	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
15	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
16	Undesirable	Kochia (Kochia scoparia)	Non-Vegetated	Litter
17	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
18	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
19	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
20	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
21	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Downy brome (Bromus tectorum)
22	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
23	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
24	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
25	Grass	Crested wheatgrass (Agropyron cristatum)	Noxious List C	Field bindweed (Convolvulus arvensis)
26	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
27	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
28	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
29	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
30	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
31	Grass	Crested wheatgrass (Agropyron cristatum)	Undesirable	Kochia (Kochia scoparia)
32	Undesirable	Kochia (Kochia scoparia)	Non-Vegetated	Litter
33	Undesirable	Kochia (Kochia scoparia)	Grass	Crested wheatgrass (Agropyron cristatum)
34	Undesirable	Kochia (Kochia scoparia)	Grass	Crested wheatgrass (Agropyron cristatum)
35	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Bare Ground
36	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
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41	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
42	None	NA	Non-Vegetated	Litter
43	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
44	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Bare Ground
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48	Grass	Crested wheatgrass (Agropyron cristatum)	Grass	Crested wheatgrass (Agropyron cristatum)
49	Grass	Crested wheatgrass (Agropyron cristatum)	Non-Vegetated	Litter
50	Grass	Sand dropseed (Sporobolus cryptandrus)	Noxious List C	Downy brome (Bromus tectorum)

Client	CRESTONE PEAK RESOURCES OPERATING, LLC (10633)
Operator Location Information	ERIE CHAMPLIN B UNIT 2 Well & Facility (Location ID: 335563)
Assessment Date	8/10/2021
Inspector Name	Vincent Sepel
Transect Length	271 Feet

Reference Transect 1

Point #	Cover Type - Foliar	Species - Foliar	Cover Type - Basal	Species - Basal
1	Undesirable	Yellow sweet clover (Melilotus officinalis)	Non-Vegetated	Bare Ground
2	Noxious List C	Downy brome (Bromus tectorum)	Grass	Sand dropseed (Sporobolus cryptandrus)
3	Undesirable	Yellow sweet clover (Melilotus officinalis)	Noxious List C	Downy brome (Bromus tectorum)
4	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
5	Noxious List C	Field bindweed (Convolvulus arvensis)	Noxious List C	Downy brome (Bromus tectorum)
6	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Field bindweed (Convolvulus arvensis)
7	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
8	Undesirable	Russian thistle (Salsola tragus L.)	Non-Vegetated	Litter
9	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
10	Undesirable	Kochia (Kochia scoparia)	Non-Vegetated	Litter
11	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
12	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Field bindweed (Convolvulus arvensis)
13	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
14	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
15	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
16	Grass	Sand dropseed (Sporobolus cryptandrus)	Noxious List C	Downy brome (Bromus tectorum)
17	Undesirable	Yellow sweet clover (Melilotus officinalis)	Non-Vegetated	Litter
18	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
19	Noxious List C	Downy brome (Bromus tectorum)	Undesirable	Yellow sweet clover (Melilotus officinalis)
20	Noxious List B	Canada Thistle (Cirsium arvense)	Non-Vegetated	Litter
21	Undesirable	Yellow sweet clover (Melilotus officinalis)	Noxious List C	Downy brome (Bromus tectorum)
22	Undesirable	Wild oat (Avena fatua)	Non-Vegetated	Bare Ground
23	Undesirable	Kochia (Kochia scoparia)	Non-Vegetated	Litter
24	Undesirable	Wild oat (Avena fatua)	Non-Vegetated	Litter
25	Undesirable	Wild oat (Avena fatua)	Noxious List C	Field bindweed (Convolvulus arvensis)
26	Undesirable	Kochia (Kochia scoparia)	Non-Vegetated	Litter
27	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Field bindweed (Convolvulus arvensis)
28	Grass	Sand dropseed (Sporobolus cryptandrus)	Noxious List C	Downy brome (Bromus tectorum)
29	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
30	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
31	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
32	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Field bindweed (Convolvulus arvensis)
33	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
34	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
35	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
36	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
37	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Field bindweed (Convolvulus arvensis)
38	Noxious Watch List	Hoary alyssum (Berteroa incana)	Non-Vegetated	Litter
39	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
40	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
41	Noxious Watch List	Hoary alyssum (Berteroa incana)	Non-Vegetated	Litter
42	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
43	Undesirable	Yellow sweet clover (Melilotus officinalis)	Non-Vegetated	Bare Ground
44	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
45	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Bare Ground
46	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
47	Undesirable	Yellow salsify (Tragopogon dubius)	Non-Vegetated	Litter
48	Undesirable	Yellow salsify (Tragopogon dubius)	Noxious List C	Field bindweed (Convolvulus arvensis)
49	Undesirable	Yellow salsify (Tragopogon dubius)	Non-Vegetated	Litter
50	Forb	Fleabane daisy (Erigeron bellidiastrum)	Noxious List C	Downy brome (Bromus tectorum)

Client	CRESTONE PEAK RESOURCES OPERATING, LLC (10633)
Operator Location Information	ERIE CHAMPLIN B UNIT 2 Well & Facility (Location ID: 335563)
Assessment Date	8/10/2021
Inspector Name	Adam Roll
Transect Length	334 Feet

Reference Transect 2

Point #	Cover Type - Foliar	Species - Foliar	Cover Type - Basal	Species - Basal
1	Undesirable	Yellow salsify (Tragopogon dubius)	Non-Vegetated	Litter
2	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
3	Noxious List C	Field bindweed (Convolvulus arvensis)	Noxious List C	Field bindweed (Convolvulus arvensis)
4	Undesirable	Wild oat (Avena fatua)	Grass	Sand dropseed (Sporobolus cryptandrus)
5	Noxious List C	Field bindweed (Convolvulus arvensis)	Undesirable	Wild oat (Avena fatua)
6	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
7	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Downy brome (Bromus tectorum)
8	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
9	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Downy brome (Bromus tectorum)
10	Noxious List C	Downy brome (Bromus tectorum)	Noxious List C	Downy brome (Bromus tectorum)
11	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
12	None	NA	Non-Vegetated	Bare Ground
13	Noxious List C	Field bindweed (Convolvulus arvensis)	Noxious List C	Downy brome (Bromus tectorum)
14	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
15	Noxious List C	Field bindweed (Convolvulus arvensis)	Noxious List C	Downy brome (Bromus tectorum)
16	Forb	Alfalfa (Medicago sativa)	Forb	Alfalfa (Medicago sativa)
17	Undesirable	Yellow sweet clover (Melilotus officinalis)	Non-Vegetated	Bare Ground
18	Grass	Sand dropseed (Sporobolus cryptandrus)	Forb	Alfalfa (Medicago sativa)
19	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
20	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
21	None	NA	Non-Vegetated	Bare Ground
22	Undesirable	Wild oat (Avena fatua)	Undesirable	Wild oat (Avena fatua)
23	Forb	Alfalfa (Medicago sativa)	Noxious List C	Downy brome (Bromus tectorum)
24	Undesirable	Wild oat (Avena fatua)	Non-Vegetated	Litter
25	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
26	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Bare Ground
27	Noxious List C	Downy brome (Bromus tectorum)	Non-Vegetated	Litter
28	Grass	Smooth brome (Bromus inermis)	Non-Vegetated	Litter
29	None	NA	Non-Vegetated	Bare Ground
30	None	NA	Non-Vegetated	Bare Ground
31	None	NA	Non-Vegetated	Litter
32	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
33	Undesirable	Wild oat (Avena fatua)	Non-Vegetated	Litter
34	Grass	Threeawn (Aristida Spp.)	Grass	Threeawn (Aristida Spp.)
35	Grass	Sand dropseed (Sporobolus cryptandrus)	Noxious List C	Field bindweed (Convolvulus arvensis)
36	Grass	Sand dropseed (Sporobolus cryptandrus)	Grass	Sand dropseed (Sporobolus cryptandrus)
37	Undesirable	Wild oat (Avena fatua)	Grass	Sand dropseed (Sporobolus cryptandrus)
38	Undesirable	Wild oat (Avena fatua)	Non-Vegetated	Litter
39	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
40	Grass	Sand dropseed (Sporobolus cryptandrus)	Non-Vegetated	Litter
41	Undesirable	Wild oat (Avena fatua)	Noxious List C	Downy brome (Bromus tectorum)
42	Undesirable	Wild oat (Avena fatua)	Grass	Sand dropseed (Sporobolus cryptandrus)
43	Grass	Bottlebrush squirreltail (Elymus elymoides)	Grass	Bottlebrush squirreltail (Elymus elymoides)
44	None	NA	Non-Vegetated	Litter
45	Noxious List C	Field bindweed (Convolvulus arvensis)	Non-Vegetated	Litter
46	Grass	Sand dropseed (Sporobolus cryptandrus)	Grass	Sand dropseed (Sporobolus cryptandrus)
47	Undesirable	Wild oat (Avena fatua)	Grass	Sand dropseed (Sporobolus cryptandrus)
48	Grass	Sand dropseed (Sporobolus cryptandrus)	Undesirable	Wild oat (Avena fatua)
49	Forb	Prairie sunflower (Helianthus petiolaris)	Grass	Sand dropseed (Sporobolus cryptandrus)
50	Noxious List C	Downy brome (Bromus tectorum)	Grass	Threeawn (Aristida Spp.)