

Form 19 Data Package

Duckworth 44-16
Remediation #: 41449



Prepared for:
Crestone Peak Resources Operating LLC -
10633

November 14, 2025

SWSE Sec. 16 T2N, R68W, 6th

Facility ID: Not applicable

API #: 123-26753

Tables

Table 1
 Soil Sample Locations
 Crestone Peak Resources Operating LLC - 10633
 Duckworth 44-16
 Remediation Project #41449

Sample ID	Date	Depth	PID (ppm)	Latitude	Longitude	Accuracy Value (m)	Photo (Y/N)	Lab (Y/N)
WH1-B1@5	11/13/2025	5	5	40.133555	-105.003989	0.37	Yes	Yes
WH1-W1@4	11/13/2025	4	88	40.133551	-105.003992	0.52	Yes	Yes
FL-WH1-B1@4	11/13/2025	4	61	40.133545	-105.004007	0.67	Yes	Yes
WH1-N1@4	11/13/2025	4	1	40.133555	-105.004004	1.41	Yes	No
WH1-E1@4	11/13/2025	4	2	40.133581	-105.003961	0.94	Yes	No
WH1-S1@4	11/13/2025	4	11	40.133558	-105.003976	13.07	Yes	No
SS1-COMP1	11/13/2025	--	4	40.13351	-105.003978	0.62	Yes	Yes
SS2-COMP1	11/13/2025	--	1	40.133506	-105.00429	0.28	Yes	Yes
FL-SEP1-B1@4	11/13/2025	4	2	40.133573	-105.004312	0.36	Yes	Yes
SEP1-B1@4	11/13/2025	4	2	40.133576	-105.004343	0.34	Yes	Yes
DL-SEP1-B1@4	11/13/2025	4	2	40.133561	-105.004368	0.32	Yes	Yes
ECD1-B1@4	11/13/2025	4	3	40.133503	-105.004366	0.33	Yes	No
ECD2-B1@4	11/13/2025	4	2	40.133485	-105.004343	0.91	Yes	No
DL1-B1@4	11/13/2025	4	2	40.133497	-105.004354	0.6	Yes	No

Notes

PID photoionization detector
 ppm parts per million

Table 2
Soil Sample Analytical Results
Crestone Peak Resources Operating LLC - 10633
Duckworth 44-16
Remediation Project # 41449

Constituent of Concern	ECMC Table 915	ECMC Table 915-	Results							
	1 RSSL's	1 GWSSL's	Duckworth 44-16			Not Applicable				
Wellhead Name	--		Duckworth 44-16			Not Applicable				
Sample Name	--		WH1-B1@5	WH1-W1@4	FL-WH1-B1@4	FL-SEP1-B1@4	SEP1-B1@4	DL-SEP1-B1@4	SS1-COMP1	SS1-COMP2
Date	--		11/13/2025	11/13/2025	11/13/2025	11/13/2025	11/13/2025	11/13/2025	11/13/2025	11/13/2025
PID (ppm)	--		5.0	88.0	61.0	2	2	2	4	1
Depth (feet)	--		5	4	4	4	4	4	--	--
TPH (mg/kg)										
TPH - GRO	--		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
TPH - DRO	--		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
TPH - ORO	--		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
TPH - Total	500		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
Soil Suitability for Reclamation										
EC (mmhos/cm)	4		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
SAR (ratio)	6		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
pH (units)	6-8.3		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
boron (mg/L)	2		Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
Organic Compounds in Soils (mg/kg)										
benzene	1.2	0.0026	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
toluene	490	0.69	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
ethylbenzene	5.8	0.78	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
total xylenes	58	9.9	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
1,2,4-trimethylbenzene	30	0.0081	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
1,3,5-trimethylbenzene	27	0.0087	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
naphthalene	2	0.0038	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
acenaphthene	360	0.55	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
anthracene	1800	5.8	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
benz(a)anthracene	1.1	0.011	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
benzo(a)pyrene	0.11	0.24	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
benzo(b)fluoranthene	1.1	0.3	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
benzo(k)fluoranthene	11	2.9	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
chrysene	110	9	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
dibenzo(a,h)anthracene	0.11	0.096	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
fluoranthene	240	8.9	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
fluorene	240	0.54	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
indeno(1,2,3-cd)pyrene	1.1	0.98	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
pyrene	180	1.3	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
1-methylnaphthalene	18	0.006	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
2-methylnaphthalene	24	0.019	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
Metals in Soils (mg/kg)										
arsenic	0.68	0.29	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
barium	15000	82	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
cadmium	71	0.38	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
chromium (VI)	0.3	0.00067	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
copper	3100	46	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
lead	400	14	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
nickel	1500	26	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
selenium	390	0.26	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
silver	390	0.8	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
zinc	23000	370	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

Notes

ECMC	Colorado Energy and Carbon Management Commission
RSSL	Residential Soil Screening Level
GWSSL	Protection of Groundwater Soil Screening Level
NA	not measured / not applicable
ppm	parts per million
TPH	total petroleum hydrocarbons
mg/kg	milligrams per kilogram
GRO	gasoline range organics
DRO	diesel range organics
ORO	oil range organics
EC	electrical conductivity
mmhos/cm	millimhos per centimeter
SAR	sodium adsorption ratio
mg/L	milligrams per liter
<	less than laboratory reporting limit
bold	result exceeds the applicable standard (after comparing to background, where applicable)
bold	result exceeds the applicable standard (after comparing to background, where applicable)
	reported detection limit is higher than standard

Figures



Legend

-  Wellhead Location
-  Excavation Boundary
-  Field Screening Location Without Observable Impacts
-  Field Screening Location With Observable Impacts



(At original document size of 11x17) 1:240

- Notes**
1. Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
 2. Background: Bing Aerial Imagery



Project Location
 SWSE SEC 16 T2N R68W
 WELD COUNTY, COLORADO

Drawn by BS on 11/14/2025
 Reviewed by CR on 11/14/2025
 203724474

Client/Project
 CRESTONE PEAK RESOURCES OPERATING LLC (10633)
 Duckworth 33-16 & 44-16
 (Remediation #41449)

Figure No.
2

Title
SOIL SAMPLE LOCATIONS - WELLHEAD AND SEPARATOR



C:\Users\bschafaramev\Documents\ArcGIS\Projects\MyProject1\MyProject1.aprx Revised: 2025-11-14 10:41:14 AM by bschafaramev

Photographic Log

Sample ID: WH1-B1@5

Location:
40.133555, -105.003989

Depth (ft): 5



Sample ID: WH1-W1@4

Location:
40.133551, -105.003992

Depth (ft): 4



Sample ID: FL-WH1-B1@4

Location:

40.133545, -105.004007

Depth (ft): 4



Sample ID: WH1-N1@4

Location:

40.133555, -105.004004

Depth (ft): 4



Sample ID: WH1-E1@4
Location:
40.133581, -105.003961
Depth (ft): 4



Sample ID: WH1-S1@4
Location:
40.133558, -105.003976
Depth (ft): 4



Sample ID: **SS1-COMP1**
Location:
40.13351, -105.003978
Depth (ft): Not applicable



Sample ID: **SS2-COMP1**
Location:
40.133506, -105.00429
Depth (ft): Not applicable



Sample ID: FL-SEP1-
B1@4
Location:
40.133573, -105.004312
Depth (ft): 4



Sample ID: SEP1-B1@4
Location:
40.133576, -105.004343
Depth (ft): 4



Sample ID: DL-SEP1-
B1@4
Location:
40.133561, -105.004368
Depth (ft): 4



Sample ID: ECD1-B1@4
Location:
40.133503, -105.004366
Depth (ft): 4



Sample ID: ECD2-B1@4

Location:

40.133485, -105.004343

Depth (ft): 4



Sample ID: DL1-B1@4

Location:

40.133497, -105.004354

Depth (ft): 4

