

State of Colorado Oil and Gas Conservation Commission

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Document Number:

403474058

Date Received:

07/24/2023

Spill report taken by:

Anderson, Laurel

Spill/Release Point ID:

484825

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

OPERATOR INFORMATION

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC	Operator No: 10633	Phone Numbers
Address: 1801 CALIFORNIA STREET #2500		Phone: (720) 3158934
City: DENVER	State: CO	Zip: 80202
Contact Person: Luke Kelly		Mobile: ()
		Email: lkelly@civiresources.com

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403467622

Initial Report Date: 07/18/2023 Date of Discovery: 07/17/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNE SEC 19 TWP 2N RNG 68W MERIDIAN 6

Latitude: 40.126691 Longitude: -105.045103

Municipality (if within municipal boundaries): County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:

Facility Type: TANK BATTERY

☒ Facility/Location ID No 451044

Spill/Release Point Name: Regnier Farms 19H-B268

☐ Well API No. (Only if the reference facility is well) 05- -☐ No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): Unknown

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: CROP LAND

Other(Specify):

Weather Condition: Clear

Surface Owner: FEE

Other(Specify):

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

A compromised produced water dump line at the Regnier Farms 1J-19H separator resulted in 0.27 bbls of fluid to be spilled to the surface and a currently unknown volume to the subsurface. The impacted soil will be removed following utility locates and hauled for disposal. Confirmation soil samples will be collected in compliance with COGCC Table 915-1. Additionally, a waste characterization sample from the source area will be collected and submitted for analysis of COGCC Table 915-1 constituents.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
7/17/2023	COGCC EPS	Laurel Anderson	-on file	Notified of Release
7/17/2023	Weld Co. OEM	Dave Burns	-on file	Notified of Release
7/17/2023	Surface Owner	on file	-on file	Notified of Release

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

- No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.
- Waters of the State: _____ Public Water System: _____
- Residence or Occupied Structure: _____ Livestock: _____
- Wildlife: _____ Publicly-Maintained Road: _____
- No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.
- No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.
- No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak
- Enter the approximate time of discovery _____ (HH:MM)
- Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 _____
- Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? _____
- Enter the Document Number of the Initial Accident Report, Form 22 _____
- Was there damage during excavation? _____
- Was CO 811 notified prior to excavation? _____
- No Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.
- Estimated Volume of Impacted Solids (cu. yd.): _____
- No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:
- ☐ The presence of free product or hydrocarbon sheen Surface Water
- ☐ The presence of free product or hydrocarbon sheen on Groundwater
- ☐ The presence of contaminated soil in contact with Groundwater
- ☐ The presence of contaminated soil in contact with Surface water

Yes	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylights from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.
	<input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 07/18/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER			<input checked="" type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>
specify: _____			
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent of the impact was determined through visual delineation and will be confirmed through confirmation soil sampling.			
Soil/Geology Description:			
Nunn Clay Loam, 0 to 1 percent slopes. CL - silty clay			
Depth to Groundwater (feet BGS) <u>25</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well	<u>3310</u> None <input type="checkbox"/>	Surface Water <u>2531</u> None <input type="checkbox"/>
	Wetlands	<u>2576</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock	<u>1423</u> None <input type="checkbox"/>	Occupied Building <u>1127</u> None <input type="checkbox"/>
	Additional Spill Details Not Provided Above:		

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

Basis for Closure: ☐ Corrective Actions Completed (documentation attached, check all that apply)

☐ Horizontal and Vertical extents of impacts have been delineated.

☐ Documentation of compliance with Table 915-1 is attached.

☐ All E&P Waste has been properly treated or disposed.

☐ Work proceeding under an approved Form 27 (Rule 912.c).

Form 27 Remediation Project No: _____

☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

A waste characterization sample (WC-01) of the impacted material as well as a background sample (WC-BK01) off pad in native soils was collected on 7/18/2023. Analytical results of the WC-01 sample indicated exceedances above GSSL concentrations in Naphthalene (0.094 mg/kg), 1,2,4-TMB (0.58 mg/kg), 1,3,5-TMB (0.27 mg/kg), 2-Methylnaphthalene (0.144 mg/kg), and Arsenic (0.673 mg/kg). In addition, the WC-01 analytical results indicated exceedances in soil suitability for reclamation standards SAR (42.8) and EC (7.75 mmhos/cm). The background sample (WC-BK01) indicated elevated levels of arsenic in off-pad native soil conditions (2.06 mg/kg). Based on the attached waste characterization and background sample results, Crestone requests to amend the sampling and analysis plan to only include Naphthalene, 1,2,4-TMB, 1,3,5-TMB, 2-Methylnaphthalene, SAR, and EC.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Costin McQueen

Title: Senior Env Specialist Date: 07/24/2023 Email: cmcqueen@civiresources.com

COA Type

Description

	Per Doc #Doc #403467622: "If analytes are detected in the waste characterization sample, even if they are at a concentration below the allowable Table 915-1 SSLs, Operator shall collect confirmation soil samples for analysis of all Table 915-1 Contaminants of Concern until Operator has submitted sufficient characterization data to request and receive Director Approval of reduced list of contaminants of concern." Based on the the information provided, Operator shall submit confirmation samples for: toluene, ethylbenzene, total xylenes, naphthalene, fluorene, TPH (GRO, DRO, ORO), 1,2,4- and 1,3,5-TMBs, 2-methylnaphthalene and all soil suitability parameters.
	If Operator proposes additional background soil sampling, Operator shall obtain background samples from locations should be sufficiently away from the impacted area to reflect conditions not impacted by oil and gas activity, samples should be obtained from similar depths and soil horizons or lithologic materials for comparison to confirmation soil samples.
2 COAs	

Attachment List

Att Doc Num	Name
403474058	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403474122	ANALYTICAL RESULTS
403474124	AERIAL IMAGE
403474142	SOIL SAMPLE LOCATION MAP
403474143	ANALYTICAL RESULTS
403474144	ANALYTICAL RESULTS
403474311	FORM 19 SUBMITTED

Total Attach: 7 Files

Date Run: 7/24/2023 Doc [#403474058]

Page 4 of 5

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	ECMC added Form 19i (Doc #403467622) to the related forms.	07/24/2023

Total: 1 comment(s)