

State of Colorado  
Energy & Carbon Management Commission

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Document Number:

403725588

Date Received:

03/20/2024

Spill report taken by:

Heibel, Krystal

Spill/Release Point ID:

486356

### SPILL/RELEASE REPORT (INITIAL /w SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC 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: <u>FUNDARE RESOURCES OPERATING COMPANY LLC</u>	Operator No: <u>10773</u>	<b>Phone Numbers</b>
Address: <u>5251 DTC PKWY STE 950</u>		Phone: <u>(303) 910-4511</u>
City: <u>GREENWOOD VILLAGE</u>	State: <u>CO</u>	Zip: <u>80111</u>
Contact Person: <u>Sydney Smith</u>		Mobile: <u>( )</u>
		Email: <u>ssmith@fundareresources.com</u>

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# 403725588

Initial Report Date: <u>03/20/2024</u>	Date of Discovery: <u>03/18/2024</u>	Spill Type: <u>Recent Spill</u>
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#### Spill/Release Point Location:

QTRQTR SESW SEC 36 TWP 10N RNG 60W MERIDIAN 6

Latitude: 40.786853 Longitude: -104.042650

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.

Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

#### Reference Location:

Facility Type: <u>TANK BATTERY</u>	<input checked="" type="checkbox"/> Facility/Location ID No <u>430098</u>
Spill/Release Point Name: <u>Chruch 36-2523H Water Tank</u>	<input type="checkbox"/> Well API No. (Only if the reference facility is well) <u>05- -</u>
	<input type="checkbox"/> No Existing Facility or Location ID No.

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

Estimated Oil Spill Volume(bbl): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>&gt;=5 and &lt;100</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: \_\_\_\_\_

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

**Land Use:**

Current Land Use: OTHER \_\_\_\_\_

Other(Specify): Rangeland \_\_\_\_\_

Weather Condition: 50 degrees F. 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):

Fundare discovered the release from the Produced water tank drain line and closed in the tank valve. The Tank was drained, and a VacTruck was dispatched to remove free liquids. The release was contained within the berms, and excavation has begun to remove soil impacts.

**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>
3/19/2024	Surface Owner		-	Submitted
3/20/2024	Weld County	Jason Maxey	-	Submitted

**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.

Yes 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

No	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 daylight 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: <u>03/20/2024</u>		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>10</u>	<u>8</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
specify: _____			
Was spill/release completely contained within berms or secondary containment? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
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): <u>10</u>		Width of Impact (feet): <u>10</u>	
Depth of Impact (feet BGS): <u>0</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent of the impacts was determined visually. Remedial excavation to remove remaining soil impacts has begun. Soil confirmation samples will be collected and submitted in accordance with the 915 guidance.			
Soil/Geology Description:			
The surface of the soil (initial 3') is pad material mixed with Pea gravel. It transitions to silty sand mixed gravel, and then consolidated siltstone.			
Depth to Groundwater (feet BGS) <u>85</u>		Number Water Wells within 1/2 mile radius: <u>2</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>2496</u> None <input type="checkbox"/>	Surface Water _____    None <input checked="" type="checkbox"/>
		Wetlands _____    None <input checked="" type="checkbox"/>	Springs _____    None <input checked="" type="checkbox"/>
		Livestock _____    None <input checked="" type="checkbox"/>	Occupied Building _____    None <input checked="" type="checkbox"/>
Additional Spill Details Not Provided Above:			
There are no residence or habitable structures within a quarter mile of the release area. There are no roads within a quarter mile, only the lease road which is 101' North of the Release location. There are two mapped domestic water wells nearby, the closest of the two is 2496' Northeast of the release location. The release did not occur within any mapped high priority habitat. DWR data from the well to the Northeast indicates groundwater depth is around 85'.			

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/20/2024

Root Cause of Spill/Release Corrosion

Other (specify)

Type of Equipment at Point of Spill/Release: Dump Line

If "Other" selected above, specify or describe here:

Empty text box for specifying or describing the "Other" category.

Describe Incident & Root Cause (include specific equipment and point of failure)

The root cause of the incident was corrosion in the 6 o'clock position on the carbon steel fitting of the drain line.

Describe measures taken to prevent the problem(s) from reoccurring:

The valve and fittings were replaced with new to eliminate the reoccurrence.

Volume of Soil Excavated (cubic yards): 6

Disposition of Excavated Soil (attach documentation) [X] Offsite Disposal [ ] Onsite Treatment [ ] Other (specify)

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

### 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:

The form 19 initial/Supplemental is being submitted to report the findings of the release. Remedial excavation will take place to remove all soil impacts from the site. A source sample has been collected to determine the baseline constituents of concern caused by the release. Upon completion of remedial excavation soil confirmation samples will be collected in accordance with the 915 guidance. DWR data indicates that groundwater in this area is at a depth of 85' bgs. The knowledge of this depth and knowledge of the consolidated siltstone geology eliminates the pathway to groundwater, and allows for the use of residential soil screening limits. ECMC will continue to be updated on remedial progress in a form 27, and the form 19 will be closed out within 90 days.

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

Signed: Print Name: Sydney Smith

Title: Director EHSR Date: 03/20/2024 Email: ssmith@fundareresources.com

**COA Type****Description**

	<p>Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i–iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director.</p> <p>Form 19 Supplemental is due by June 16, 2024.</p>
	<p>Per Rule 912.b.(4), the Operator shall make a supplemental report on Form 19 not more than 10 calendar days after the spill/release is discovered that includes:</p> <p>A. A topographic map showing the governmental section and location of the spill or an aerial photograph showing the location of the spill</p> <p>B. All pertinent information about the spill/release known to the Operator that has not been reported previously including photo documentation showing the source of the Spill or Release, the impacted area, and initial cleanup activity</p> <p>C. Information relating to the initial mitigation, site investigation, and remediation measures conducted by the Operator</p> <p>D. Global Positioning System data that meets the requirements of Rule 216 if latitude and longitude data provided pursuant to Rule 912.b.(2).A did not meet the requirements of Rule 216.</p>
2 COAs	

**Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
403725588	FORM 19 SUBMITTED
403726048	SITE MAP
403726049	TOPOGRAPHIC MAP
403726112	PHOTO DOCUMENTATION

Total Attach: 4 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Environmental	Based on the information provided and known depth to water at the site, ECMC agrees to the use of Table 915-1 Residential Soil Screening Level Concentrations.	03/28/2024

Total: 1 comment(s)