

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403918212

Date Received:

09/18/2024

Spill report taken by:

FISCHER, ALEX

Spill/Release Point ID:

487816

## SPILL/RELEASE REPORT (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: EWS 13 DJ BASIN LLC	Operator No: 10742	Phone Numbers
Address: 2015 CLUBHOUSE DR SUITE 201		Phone: (970) 515-6950
City: GREELEY State: CO Zip: 80634		Mobile: ( )
Contact Person: Jim Goddard		Email: jgoddard@expedition-water.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# 403911496

Initial Report Date: 09/05/2024	Date of Discovery: 09/04/2024	Spill Type: Historical Release
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**Spill/Release Point Location:**

QTRQTR NWNE SEC 25 TWP 5N RNG 65W MERIDIAN 6

Latitude: 40.376240 Longitude: -104.612149

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: OTHER	<input checked="" type="checkbox"/> Facility/Location ID No 310852
Spill/Release Point Name: EWS 13	<input type="checkbox"/> Well API No. (Only if the reference facility is well) 05- -
	<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): Unknown	Estimated Condensate Spill Volume(bbl): Unknown
Estimated Flow Back Fluid Spill Volume(bbl): 0	Estimated Produced Water Spill Volume(bbl): Unknown
Estimated Other E&P Waste Spill Volume(bbl): Unknown	Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: No surficial spills or releases. Suspected historical impacts discovered through quarterly groundwater monitoring.

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

**Land Use:**

Current Land Use: NON-CROP LAND	Other(Specify):
Weather Condition: Temp 78F, Sunny, Wind 5-10 mph	
Surface Owner: OTHER (SPECIFY)	Other(Specify): Property owned by EWS



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

Our Q3 groundwater monitoring analytical data for the EWS 13 saltwater disposal facility reported benzene concentrations above the maximum contaminant level (MCL) in MW-06 and MW-05. Confirmation samples were taken on Thursday, August 29th and these additional samples were also analyzed for TVPH and TEPH, per the groundwater monitoring plan. The confirmation samples also reported benzene concentrations above the MCL in MW-05 and MW-06. There was no presence of free product or hydrocarbon sheen in the groundwater samples we collected. The measured groundwater elevation is currently higher than any previously recorded elevation. We suspect that the detection of benzene in MW-05 and MW-06 may be the result of seasonal groundwater table fluctuation interacting with a historical release. On September 16, 2024 a preliminary soil investigation took place in the area between MW-6 and the tanks on site. This is in the area that was impacted in 2011 according to Remediation Project #6104.

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
9/4/2024	Landowner	Jim Goddard	970-515-6950	discussed
9/6/2024	Weld County	Miguel Garcia	970-400-2316	email
9/5/2024	Weld County	Miguel Garcia	970-400-2316	Left message

**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: Threatened to Impact \_\_\_\_\_ Public Water System: n/a \_\_\_\_\_
- Residence or Occupied Structure: n/a \_\_\_\_\_ Livestock: n/a \_\_\_\_\_
- Wildlife: n/a \_\_\_\_\_ Publicly-Maintained Road: n/a \_\_\_\_\_
- 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.): \_\_\_\_\_

Yes	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:  <input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input checked="" type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> 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 daylight's 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: 09/12/2024		
<b>FLUIDS</b>	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			<input checked="" 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 &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 type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted:    Length of Impact (feet): <u>45</u>		Width of Impact (feet): <u>1</u>	
Depth of Impact (feet BGS): <u>2</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Impacts were reported in MW-5 and MW-6 where the depth to water ranges between 3.62 and 7.74 feet below ground surface. These wells are located approximately 45' apart. On September 16, 2024, a subsurface investigation including field screening soils using a PID took place. The results of the laboratory analysis of the samples collected for Table 915-1 analytes will be provided in the next Form 19-S submittal.			
Soil/Geology Description:			
Aquolls and Aquents, gravelly substratum			
Depth to Groundwater (feet BGS) <u>4</u>		Number Water Wells within 1/2 mile radius: <u>20</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>1070</u> None <input type="checkbox"/>	Surface Water <u>2103</u> None <input type="checkbox"/>	
	Wetlands <u>1357</u> None <input type="checkbox"/>	Springs _____    None <input checked="" type="checkbox"/>	
	Livestock _____    None <input checked="" type="checkbox"/>	Occupied Building <u>60</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			

Date Run: 9/18/2024 Doc [#403918212]

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/12/2024

Root Cause of Spill/Release Unknown (Historical)

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

No known recent spills or releases at the facility

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

There was no presence of free product or hydrocarbon sheen in the groundwater samples we collected. The measured groundwater elevation is currently higher than any previously recorded elevation. We suspect that the detection of benzene in MW-05 and MW-06 may be the result of seasonal groundwater table fluctuation interacting with a historical release.

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

The facility was recently modified to install air quality control equipment, and EWS installed a 60 mil, polyurea, spray-in coating to the interior walls and floor of the receiving basin while the facility was shut down.

Volume of Soil Excavated (cubic yards):

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment

☐ Other (specify)

Volume of Impacted Ground Water Removed (bbls):

Volume of Impacted Surface Water Removed (bbls):

## 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:

On September 16, 2024, a subsurface investigation including field screening soils using a PID took place. Three discrete samples with the highest relative PID readings observed in the field were submitted for soil screening analysis. Groundwater was not encountered. The results of the laboratory analysis of the screening samples collected for Table 915-1 analytes are pending and will be provided in the next Form 19-S submittal. The groundwater monitoring at this facility is conducted per the Weld County USR requirements for the facility and the Groundwater Monitoring Plan was created in accordance with the Weld County Department of Health and Environment 2015 Memo regarding Groundwater Sampling Plans for Class II UIC Saltwater Disposal Facilities. Groundwater Monitoring Reports are submitted to Weld County on a quarterly basis. The previous owner's Groundwater Monitoring Plan and reports has been included for reference. Additionally, the Q3 Groundwater Monitoring maps and tables and analytical data have been included in the attachments as requested in the COA for the Form 19-I. Please feel free to contact Drezden Kinnaid with CGRS with any questions at dkinnaid@cgrs.com.

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

Signed: \_\_\_\_\_ Print Name: Dave Gage

Title: Operations Manager Date: 09/18/2024 Email: dgage@expedition-water.com

**COA Type**

**Description**

0 COA	

**ATTACHMENT LIST**

**Att Doc Num**

**Name**

403918224	OTHER
403918228	OTHER
403918231	OTHER
403918234	OTHER
403918236	OTHER
403918239	OTHER
403918242	OTHER
403918243	OTHER
403918253	OTHER
403918254	OTHER
403918255	OTHER
403918256	OTHER
403918262	OTHER
403918263	OTHER
403918265	OTHER
403918266	OTHER
403918272	OTHER
403918273	OTHER
403918630	OTHER
403918860	MAP
403918861	OTHER
403925311	CORRESPONDENCE
403925312	ANALYTICAL RESULTS
403925313	ANALYTICAL RESULTS
403925314	OTHER
403925315	OTHER
403925316	OTHER
403925318	OTHER
403925319	MAP
403925320	MAP
403925321	MAP
403925322	OTHER
403925323	MAP

Total Attach: 33 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)