

## 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:

403696547

Date Received:

02/23/2024

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

484603

## 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: TALLGRASS WATER WESTERN LLC	Operator No: 10608	Phone Numbers
Address: 370 VAN GORDON STREET		Phone: (316) 322-3514
City: LAKEWOOD	State: CO	Zip: 80228
Contact Person: Scott Yount		Mobile: ( )
		Email: scott.yount@tallgrass.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# 403408430

Initial Report Date: 05/20/2023	Date of Discovery: 05/20/2023	Spill Type: Recent Spill
---------------------------------	-------------------------------	--------------------------

**Spill/Release Point Location:**

QTRQTR NWSW SEC 16 TWP 9N RNG 59W MERIDIAN 6

Latitude: 40.748694 Longitude: -103.991002

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.

☐ Form 19 Supplemental -- Checkbox defaults to value submitted on the most recent Form 19 submitted for the facility, but checkbox value may be changed by the user.

**Reference Location:**

Facility Type: WELL SITE ☒ Facility/Location ID No 444115

Spill/Release Point Name: ☐ 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): >=5 and <100
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: NON-CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Partly cloudy, 66 degrees F

Surface Owner: FEE Other(Specify): Private landowner



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

A release of produce/brine water was discovered at the facility when a third-party pumper noticed water spraying from the above ground pipeline that feed the injection well. Notice was made to the Tallgrass Operator at which time the injection well was shut in to prevent further release. A vacuum truck was dispatched to collect produced/brine water that had pooled on the pad, at this time no offsite impacts have been identified. At the time of the release, pooled rain water was on the site due to a recent rain event. That water has been collected as well

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
5/20/2023	Landonwer	Wade Caster	970-768-0363	Verbal Notification - left message
5/20/2023	Colorado Parks and Wildlife	Brandon Marette	-	Notification made by email
5/20/2023	Weld County Emergency Mgmt.	None	-	Notification made on line

**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: \_\_\_\_\_
- Yes 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? \_\_\_\_\_
- Yes 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.): \_\_\_\_\_ 140
- 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: 02/23/2024		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	40	30	<input 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? NO    Was an Emergency Pit constructed? NO

*Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

**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)    ☒ Soil    ☐ Groundwater    ☐ Surface Water    ☐ Dry Drainage Feature

Surface Area Impacted:    Length of Impact (feet): 360    Width of Impact (feet): 10

Depth of Impact (feet BGS): 5    Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Excavation was conducted in order to determine the extent. Impacted or potentially impacted soils were removed and transported to a Pawnee Waste, LLC for disposal. Soil samples were collected and analyzed at a laboratory until the areal and vertical extents of the excavation are within COGCC Table 915-1 and background limits for the reduced analyte suite approved under Form 27 Document 403440302.

Soil/Geology Description:

The site geology is characterized as the Tertiary White River Group including the Brule Formation overlying the Arikaree Formation. The soils at the Wildhorse 16 SWD Facility consist of Eppling Silt Loam (unit #27) occupying 0-9% slopes over the southern 1/3 of the facility and the Otero Sandy Loam (unit #46) occupying 0-3% slopes over the northern 2/3 of the facility.

Depth to Groundwater (feet BGS) 100    Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest    Water Well \_\_\_\_\_ None ☒    Surface Water \_\_\_\_\_ None ☒

Wetlands \_\_\_\_\_ None ☒    Springs \_\_\_\_\_ None ☒

Livestock 500 None ☐    Occupied Building 5180 None ☐

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 02/23/2024
Root Cause of Spill/Release <u>Equipment Failure</u>	
Other (specify) _____	
Type of Equipment at Point of Spill/Release: <u>Other</u>	
If "Other" selected above, specify or describe here:	
High pressure fiberglass pipe associated with produced water injection well	
Describe Incident & Root Cause (include specific equipment and point of failure)	
Threaded connection of two pipe joints failed.	
Describe measures taken to prevent the problem(s) from reoccurring:	
Replacing fiberglass pipe with a flex steel pipe	
Volume of Soil Excavated (cubic yards): <u>140</u>	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal                      Onsite Treatment	
<input type="checkbox"/> 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: 30336
  - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

### OPERATOR COMMENTS:

This Form 19 Supplemental is being submitted in response to ECMC Warning Letter #403693030.

During records review, it was noted that Form 19 Document was not submitted to close Spill/Release ID: 484603 onto Remediation Project 30336.

On the Date of Discovery, May 20, 2023, a Form 19 Initial (403408430) was submitted to document the reportable release. On June 2, 2023, a Form 19 Supplemental (403420986) was submitted 13 days from initial reporting and outside of the 10-day deadline. On June 21, 2023, within 90 days of Date of Discovery, a Form 27 Initial (403440302) was submitted to complete the remediation of the Spill/Release beyond 90 days under a Remediation Project. Following approval of the Form 27 Initial, a Form 19 was missed to request closure of the Spill/Release ID onto the open Remediation Project. On January 26, 2024, a Form 27 Supplemental Document 403667318 was submitted to document to completion of remediation activities related to this Spill/Release and to request closure of the Remediation Project.

Operator has reviewed Form 19 Spill/Release reporting Rules, guidelines, and deadlines, including the 10-day Supplemental reporting deadline per Rule 912.b.(4) and the 90-day Spill/Release closure deadline per Rule 912.b.(6), and will implement proper reporting on any potential future Spill/Release.

The box for "Rule 912.b.(1).A Spill/Release of any size that threatens to impact [wildlife]" was not checked as is listed in Condition of Approval under Form 19 Supplemental document 403420986 due to this location no longer being within Mule Deer Severe Winter Range or Pronghorn Winter Concentration under the High Priority Habitats Effective Nov 30, 2023.

Please find attached a request to close this Spill/Release ID onto Remediation Project number 30336, and a copy of the Remediation Closure Report submitted under Form 27 Supplemental to request closure of the remediation project, including a detailed report of activities, a Soil Sample Location map, copies of all laboratory analytical reports and summary tables, and a photolog of remediation activities.

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

Signed: \_\_\_\_\_ Print Name: Scott Yount  
Title: Sr. EHS Specialist Date: 02/23/2024 Email: scott.yount@tallgrass.com

**COA Type**

**Description**

0 COA	

**Attachment List**

**Att Doc Num**

**Name**

403696639	OTHER
-----------	-------

Total Attach: 1 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)