

Incident Report for 7/19/2021 Environmental Incident (Incident ID: 572)

Initial Update Close Out

Incident Details		Reporting Party Details		
Description: Suspected pipeline leak of produced water (brine). GPS location 47 deg 40' 21.4" N, 103 deg 16' 33.2" W Approximately 6.6 miles south of Watford City on Hwy 85 then 0.34 miles east Discovered at 8:30 am central time 7/19/21 Volume released unknown at this time. Initial estimate is 850 bbls.		Reporting Party Name: Brian Mendenhall Reporting Party Company: Tallgrass Energy Reporting Party Phone: Reporting Party Email: Reported Date and Time: 7/19/2021 1:50 PM		
Incident Type: Environmental Incident Incident Subtype : Pipeline Leak Source Type: Pipeline Source Subtype: Gathering Pipeline Incident Status: Active Released Into Medium : Soil		Incident Location Address: Location Description: Latitude: 47.6726109999992 Longitude: -103.275888999998 Section: 3 Township: 148 N Range: 99 W Quarter: NE¼ Quarter: NW¼ Source Water Protection Area: County/Tribe: McKenzie County Fire District: WATFORD CITY FIRE		
Site Details				
Is Spill Continuous: No Is Spill Contained: No Discovered/Start Date and Time: 7/19/2021 08:30 AM End Date and Time: 7/19/2021 08:30 AM Reported to NRC: No Well Name : NDIC File Number : Oil/Gas Operator : Oil/Gas Field Name : Extent of Spill/Release: Released Beyond Property of Origin Extent Details: Impacted area is approximately 70 yards wide x 1/2 mile long on private property. Unknown start time of leak and unknown duration at this time. Volume released unknown at this time. Initial estimate is 850 bbls.				
Incident Contacts				
Responsible Authority Contact		Responsible Authority Compliance Contact		Property Owner Contact
Name: Scott Yount Title: Specialist-EHS Field, Sr. Company Name: Tallgrass Energy Company Address: 4992 SW Buffalo Road, Towanda, KS 67144 Phone: 316-322-3514 24 Hr.Phone: Email: Mobile/Pager:		Name: Scott Yount Title: Specialist-EHS Field, Sr. Company Name: Tallgrass Energy Company Address: 4992 SW Buffalo Road, Towanda, KS 67144 Phone: 316-322-3514 24 Hr.Phone: Email: Mobile/Pager:		

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Incident and Risks

Expected Cause of Pipeline Pipeline Leak Unknown

Nature of Locale where Incident Occurred : Pasture

Weather : Clear/Sunny

Wind Direction : Wind Speed :

Distance from Nearest Occupied Building :

Number of Confirmed Injuries : 0

Distance from Nearest Water Well :

Number of Confirmed Fatalities : 0

Known Health Risks : None known.

Immediate Potential Threats (first 24 Hr) :

Delayed Potential Threats (after first 24 hr) :

None of the Above: None known at this time.

None of the Above: None known at this time.

Response Details

Estimated Clean Up Completion Date :

Waste Disposal Location :

Protective Actions Taken : Affected pipeline was shut in immediately upon discovery. Cleanup contractors mobilizing to begin delineating impacted area. Vac trucks brought in to remove standing brine.

Other Response Details :

Evacuations :

No Response Reason :

Shelter In Place :

Clean Up Action Taken :

Incident Chemicals/Released Substances

Pesticides/Herbicides are not involved

CAS Number	Name	Trade Name	Is EHS	Is Radioactive	Estimated Volume	Estimated Volume in Barrels	Estimated Volume in Pounds	Recovered Volume	Recovered Volume in Barrels
N/A	Brine		No	No	850 bbl	850	0	0 bbl	0

Incident Observations

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Note Added Date	Incident Observations
9/15/2021	Visited site on 090921. Took photos. Trench had been dug and pipe replaced, but was still exposed.
8/16/2021	Inspection Date: 8/11/2021 Arrived on location at 1115. Met with the Tallgrass environmental representative and the third party consultant. Reviewed what borings had been completed and what others they wanted to complete. Firewood was still being stacked. Also met with the NDIC and reviewed the remediation with them. Photos can be found in the report folder.
8/16/2021	Inspection Date: 8/9/2021 Arrived on location at 1535. Spoke with the environmental representative from Tallgrass Energy as well as their third-party environmental consultant. Together we toured the spill area. Most of the trees that were dead have been cut and stacked. The landowner has requested this be done for firewood. The limbs have been turned into mulch. The boring company was on location. Some temporary monitor wells were installed as water had been found in some of the borings. A field lab was onsite and was field testing chloride levels in the soil. The EM survey was also scheduled for some time next week when the borings were completed. Photos were taken and can be found in attachments.
8/5/2021	Received initial action plan. The plan describes a series of soil borings to be done throughout location. This plan includes soil and water field testing as well as soil and water sampling. The DEQ approved this plan with a few additions. An EM survey was requested as well as adding some soil and water sampling perimeters. Document can be found in the report folder.
8/5/2021	Inspection Date: 7/28/2021 Arrived on location and met with Tallgrass Energy representatives. We reviewed the site. An arborist was on location reviewing the dead trees. A remediation plan will be submitted to the DEQ.
8/5/2021	Inspection Date: 7/27/2021 Arrived on location at 1330. Walked entire length of spill. The saltwater release can be clearly seen down the drainage. Many trees and shrubs are now brown and dying. The grass along the spill path is dead. There is salt water crystallization on the bare patches of soil. Photos were taken and can be found in the report folder. Further follow up is needed.
8/4/2021	On location 8/4/21, at 8:50am. Crew is on site removing dead trees from the first clearing area moving towards the top of the hill. Larger pieces are being cut and stacked, while the smaller pieces are being put through a wood chipper. Further follow up is required.
7/22/2021	Arrived on location at 1030 on 7/20/2021. Spill ran about a half mile down coulee. max width of the spill is about 100ft. Thins out down hill. RP personnel guesses release was about 850bbl. Plan is to start excavating Monday (7-26-2021). Currently working on building a berm at the bottom of hill, marking pipelines with flags, and setting a fence for the perimeter. Crews are also digging holes used for samples. Photos were taken and can be found in the report folder.
7/19/2021	Release from a pipeline. Unknown amount at this time. Immediate follow up is required.