

Oil Field Environmental Incident Summary

Incident: 20110721173435 **Notice:** 7/21/2011 15:46 **Occurred:** 7/20/2011 13:30

Responsible Party:

Well Operator: PETRO HARVESTER OPERATING COMPANY, LLC

Well Name: CRAMER 1 SWD

Field Name: RENVILLE

Well File #: 90090

Facility ID #:

County: BOTTINEAU

Twp Rng Sec Qtr: 161 82 8 SE NW

Location Description: NW/SW Sec. 5, T161, R82

Submitted By: Ben Tohm

Received By:

Contact Info:
Ben Tohm
1401 17TH ST STE 1000
DENVER CO 80202

Affected Medium: Soil and Water

General Land Use: Cultivated

Near. Occupied Bldg: 0.5 Miles

Nearest Water Well: 0.5 Miles

Type of Incident: Pipeline Leak

Release Contained: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	0	barrels	0	barrels		
Brine	300	barrels	0	barrels		
Other	0	barrels	0	barrels		

Oth Rel. Contaminant:

Date Inspected:

Clean Up Concluded: 12/15/2011

Written Report Recd: 2/29/2012

Risk Evaluation:

Areal Extent:

Approx 1200 N/S and 650 E/W

Potential Env. Impacts:

Contaminated soil and low lying sloughs nearby.

Action Taken/Planned:

Water transfer was shut down immediately, excavator brought in to dike release area. Contacted third party group to manage clean-up and reclamation.

Wastes Disposal Location:

Contaminated soil will be treated onsite or disposed of properly, with guidance from NDICs Guide for Remediation of Salt/Hydrocarbon Impacted Soils.

Other Agencies Involved:

Updates

Date: 7/31/2011 **Status:** Reviewed - Follow-up Required **No Further Action:**

Author: Roberts, Kris

Notes:

Location is NOT in Section 8 as listed, it is in T161-R082-S05 NW of SW. Roberts and Steve Way EPA OSC, met at location with a number of local concerned citizens, plus the cropping tenant. Specific conductivity confirms visual evidence of severe land and surface water impacts from produced water transmission line leak. Duration and volume really unknown, but very large.

Updated Volumes and Contaminant None at the time of this update

Date: 7/31/2011 **Status:** Inspection **No Further Action:**

Author: Roberts, Kris

Notes:

Date approximate. Meetings, investigations and remediation plan/implementation ongoing through 2015 at least. See incident folder for files, emails, photos and reports.

Updated Volumes and Contaminant None at the time of this update

Date: 12/2/2015 **Status:** Correspondence **No Further Action:**

Author: Suess, Bill

Notes:

Karl Rockeman and I spoke with the adjacent landowner (Mr. Greek) about progress on the site. Petro Harvester has completed more soil ripping and adding bio-amendments (hay) to site. The installation of additional drain tile and application of DeSalt has yet to be completed. In addition, soil borings still need to be completed to determine if impacts have migrated across the roadway.

Updated Volumes and Contaminant None at the time of this update

Date: 11/17/2016 **Status:** Inspection **No Further Action:**

Author: Suess, Bill

Notes:

Visited the site on Nov 8, 2016 to check on the proposed soil modification. At the time, most of the sloughs were dry and soil modification could begin. No photos taken.

Updated Volumes and Contaminant None at the time of this update

Date: 7/11/2017 **Status:** Inspection **No Further Action:**

Author: Suess, Bill

Notes:

Visited the site on 7/11/2017 to check on water conditions and vegetation status. No photos taken.

Updated Volumes and Contaminant None at the time of this update

Date: 10/11/2017 **Status:** Inspection **No Further Action:**

Author: Suess, Bill

Notes:

Visited the site on October 11, 2017 to check on water levels and vegetation. More work is needed at the site. An additional soil modification is recommended. No photos taken.

Updated Volumes and Contaminant None at the time of this update

Date: 12/18/2017 **Status:** Inspection **No Further Action:**

Author: Suess, Bill

Notes:

Visited the site on December 18, 2017 to check on additional soil modification. It appears that a straw material has been tilled into the soil. This should help to reduce soil compaction from snow cover and allow snow melt to percolate through the soil rather than run off. No photos taken.

Updated Volumes and Contaminant None at the time of this update

Date: 5/3/2018 **Status:** Inspection **No Further Action:**

Author: Suess, Bill

Notes:

Visited the site to check on water levels and vegetation. Site had been tilled but not yet planted. Very little water in sloughs. No photos taken.

Updated Volumes and Contaminant None at the time of this update

Date: 7/5/2018 **Status:** Inspection **No Further Action:**

Author: Suess, Bill

Notes:

Visited the site on July 5, 2018 to check on water levels and vegetation. Had received a concern that water from sloughs could migrate over the roadway. The sloughs had refilled with water but were still well below the road surface. Informed the RP that they should be pumping the site in case we received more rain. Vegetation looked good in many areas of the site. More follow-up is needed. No photos taken.

Updated Volumes and Contaminant None at the time of this update

Date: 9/6/2019 **Status:** Correspondence **No Further Action:**

Author: Suess, Bill

Notes:

Received updated recovery volumes from the RP. From January 1, 2019 through August 31, 2019, the RP recovered 175 barrels of brine impacted groundwater from the site.

Updated Volumes and Contaminant None at the time of this update

Date: 3/24/2020 **Status:** Correspondence - More Follow-up Required **No Further Action:**

Author: Suess, Bill

Notes:

The RP will continue pumping the site after the spring thaw. The RP continues to monitor water levels at the site to determine when the pumps need to be started.

Updated Volumes and Contaminant None at the time of this update