

Oil Field Environmental Incident Summary

Incident: 20140905155151 **Date/Time of Notice:** 09/05/2014 15:51

Responsible Party: C12 ENERGY: NORTH DAKOTA LLC

Well Operator: C12 ENERGY: NORTH DAKOTA LLC

Well Name: WEST DICKINSON UNIT 44

Field Name: WEST DICKINSON

Well File #: 90092

Date Incident: 9/5/2014 **Time Incident:** 09:52

Facility ID Number:

County: STARK

Twp: 140

Rng: 97

Sec: 25

Qtr:

Location Description:

Submitted By: Owen Ryan

Received By:

Contact Person: Owen Ryan
2054 UNIVERSITY AVENUE
SUITE 400
BERKELEY, CA 94794

General Land Use: Well/Facility Site

Affected Medium: Well/Facility Soil

Distance Nearest Occupied Building: 150 Feet

Distance Nearest Water Well: 150 Feet

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	13	Barrels	5	Barrels	5	barrels
Other						

Description of Other Released Contaminant:

Inspected:

Written Report Received: 2/16/2015

Clean Up Concluded: 10/17/2014

Risk Evaluation:

No immediate hazards. 8000 ppm chloride water mostly contained on site.

Areal Extent:

50 sq ft.

Potential Environmental Impacts:

Not much impact due to low salinity water.

Action Taken or Planned:

Cleaning up spill currently. Turned off injection to stop leak.

Wastes Disposal Location: Chimney Butte landfill.

Agencies Involved:

Updates

Date: 9/8/2014 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 80°F and clear with wind from the southwest at 5-10 mph. The break occurred on northwest side of office building. The water washed out part of the yard and headed southwest off the property toward a drainage located approximately a hundred yards to the west. The water washed out some of the hillside next to the property. The water then flow southwest until reaching the edge of road ditch, then flowed west toward culvert. It did not appear that the water flowed through the culvert to the south. The vegetation has a brown tinge where the water flowed (the rest of the vegetation is green). This area has been flagged, but no cleanup has occurred as of yet. More followup is needed to check on the progress of cleanup.

Date: 9/8/2014 **Status:** Reviewed - Follow-up Required

Author: Poppke, Ted

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received a call from 701-260-4831. About 3-5 yards of contaminated soil removed and replaced with "new" dirt. Caller was told by Brian O'Gorman to call in when they thought work was done. Contaminated soil may have been taken to Chimney Butte Landfill by Baranko Brothers.

Date: 10/16/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 13:30 CT. 50 degrees F, cloudy, NW wind 25-35 mph. Spoke with the site foreman who explained to me that company had contracted with a cleanup crew which had not been to the location as of 10/16. Asked him to conduct the cleanup as soon as possible to avoid additional contamination of area soils. Also asked the site foreman to contact me or the NDDoH when cleanup commences.

Observed site and took photos. More followup required.

Date: 10/22/2014 **Status:** Inspection

Author: Cooper, Mike

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on site at 09:15 CT. Temperature 47 degrees, wind 0-5 mph SE. Observed site and took photos. Excavation of site has been completed. The contaminated material has been stockpiled on site on top of poly plastic. The area has been backfilled with material that was already on site. The contaminated area has also been seeded. More followup is required in the future to check for vegetative growth.

Date: 5/29/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Requested more information on the site.

Date: 6/5/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 9:15 a.m. The weather was sunny, 59°F, with the wind from the southeast 5-10 mph. The vegetation is coming back in the cleaned area, there are a couple of spots not growing. More follow-up needed.

Date: 7/20/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 18:30. The weather was sunny, 77°F, with the wind from the northwest 10-15 mph. The area has vegetation growing, no further follow-up needed at this time.