

Oil Field Environmental Incident Summary

Incident: 20140804145419 **Date/Time of Notice:** 08/04/2014 14:54

Responsible Party: ONEOK Rockies Midstream

Well Operator:

Well Name:

Field Name:

Well File #:

Date Incident: 8/4/2014 **Time Incident:** 03:00

Facility ID Number:

County: MCKENZIE

Twp: 151

Rng: 98

Sec: 35

Qtr: SE

Location Description: Garden Creek Gas Plant is located approximately 7 miles NE of Watford City, ND in McKenzie County.

Submitted By: Mitch Anderson

Received By:

Contact Person: Mitch Anderson
2700 Lincoln Avenue SE
Sidney, MT 59270

General Land Use: Well/Facility Site

Affected Medium: Well/Facility Soil

Distance Nearest Occupied Building: 1 Mile

Distance Nearest Water Well: 1 Mile

Type of Incident: Valve/Piping Connection Leak

Release Contained in Dike: Yes - On Facility Site

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	2000	Gallons	2000	gallons		

Brine

Other

Description of Other Released Contaminant:

Therminol 55 (Heating oil used for heating the compressor building)

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

There were no immediate health hazards associated with this release.

Areal Extent:

Approximately 150'L x 15'W x 3"D outside the building.

Potential Environmental Impacts:

There were no impacts to surface waters or groundwater. Most of the released oil volume was completely contained on a concrete floor inside the Residue Compressor Building.

Action Taken or Planned:

Outside cleanup contractors were immediately summoned to the scene to commence reclamation activities.

Wastes Disposal Location: Impacted soils and rock will be transported off-site to a licensed landfill. Released heating oil liquids will be transported to a TSDF for fuel blending / beneficial reuse.

Agencies Involved: McKenzie County LEPC Director

Updates

Date: 8/4/2014 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

According to the incident summary, this spill occurred at a location that isn't under NDIC jurisdiction. Release was due to an on-location valve/piping leak in the fuel system. Followup is necessary. Russell Martin is expected to be on location 8/5/14.

Date: 8/5/2014 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

8/5/2014 at 12:50, on location. Met with report contact. Cleanup crew still on site removing contaminated gravel and earth, as well as washing down equipment. Spill occurred in the residue compressor building of the Garden Creek 2 section of the gas plant facility (facility has three identical sections labelled 1-3). Pipe flange was sealed at top but not at bottom, which allowed the heating oil to spray out, covering the equipment inside the building and resulting in a few inches covering the floor of the building. Drains in the building were closed at the time of the incident. Heating oil then leaked out the sides of the building in a small path to the north (~100 long), a 10x20 ft patch out the side of the building on its northwest corner near an access door, and to the main spill path outside the northeast side of the building. The main spill path went due east from the northeast side of the building, heading toward a culvert downhill from the compressor building. However, a berm was put in place before the oil was able to reach it. There was no visible impact to culvert. Impacted dirt areas are still stained; gravel at northeast area of compressor building is also stained. Two rolloff dumpsters have been filled so far and will be sent to disposal by cleanup company. Two more rolloffs are expected to be filled with the remaining impacted material. Vac trucks have removed 1200 gallons of fluid so far. The fluids will be sent to Minnesota and reused. The impacted soil and gravel disposal location has not yet been decided. No visible impact to facility stormwater retention area for this section. No vegetation nearby to be impacted. Water puddles, beneath hot water trailers used for pressure washing of equipment, have oil in them. Report contact was notified of these and their approximate location right outside northwest access door near the 10x20 ft spill mentioned previously. Report contact will notify NDDoH once disposal location is chosen and material is removed for disposal.

Date: 10/7/2014 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call from report contact. Remediation chemical applied to impact ground on site. Lighter hydrocarbons successfully removed; however, heavier hydrocarbons still remain. These will be physically removed.

Date: 11/13/2014 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

11/13/2014 at 13:00, on location. Met with ONEOK personnel and inspected site. Gravel and dirt have been replaced. Some snow on site, but it appears all impacted material has been removed. No visible staining underneath snow on gravel or dirt. There also is no visible staining remaining in areas where staining was visible (coming out of doors to the compressor housing).