

Oil Field Environmental Incident Summary

Incident: 20150608123606 **Date/Time of Notice:** 06/08/2015 12:36

Responsible Party: ENDURO OPERATING, LLC

Well Operator: ENDURO OPERATING, LLC

Well Name: Tyrian Lodge CTB

Field Name: SHERWOOD

Well File #:

Date Incident: 6/8/2015 **Time Incident:** 11:30 **Facility ID Number:** 203621-01

County: RENVILLE **Twp:** 164 **Rng:** 84 **Sec:** 30 **Qtr:** LO T3

Location Description: This location is west of CTB on north side of road

Submitted By: Scott Hunskor

Received By:

Contact Person: Scott Hunskor
777 MAIN STREET
SUITE 800
FORT WORTH, TX 76102

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Other

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil					10	barrels
Brine					30	barrels
Other						

Description of Other Released Contaminant:

Inspected:

Written Report Received: 10/26/2015

Clean Up Concluded: 10/6/2015

Risk Evaluation:

top soil

Areal Extent:

60' x 200'

Potential Environmental Impacts:

top soil

Action Taken or Planned:

Again, we do not know what is leaking, we are digging to find the cause.

Wastes Disposal Location: Clean harbors

Agencies Involved: NDDOH

Updates

Date: 6/8/2015 **Status:** Correspondence

Author: Crowdus, Kory

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I spoke to contact person regarding what the release was and to get a volume. The release was from a produced water production line. He did not have a volume to give at this time. More followup is required.

Date: 6/8/2015 **Status:** Reviewed - Follow-up Required

Author: Crowdus, Kory

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release impacted areas off location. Followup is required.

Updated Oil Volume:

Updated Salt Water Volume: 75.00 barrels

Updated Other Volume:

Updated Other Contaminant

Notes:

Crew is on-site replacing pipe. Soil from first 3-6 inches along impact area has been scraped. While the area is marked with yellow Enbridge flags, the Enbridge line did not break, it was the Enduro line that broke. New line will be placed 20 feet away from the Enbridge line. The old pipe is no longer hooked up and the flow of produced water has stopped. Impact area is to the West of Tyrian Lodge tanks by about 100 feet, and appears to be approximately as stated, 60 X 200 feet. Soil samples on the southern parts of impact showed field electroconductivity readings of :

3 inches - 2.83Ms/cm
6 inches - 2.66 Ms/cm
9 inches - 4.32 Ms/cm
12 inches - 4.26 Ms/cm
18 inches - 3.82 Ms/cm

The soil appears to be sandy in this area.

There is standing water in the ditch running East/West along the road on the North side , which is South of the spill.

Field electroconductivity readings in water, starting around the middle of the spill and walking East every 6 feet.

16.13 Ms/cm
15.38 Ms/cm
17.39 Ms/cm
12.71 Ms/cm
12.95 Ms/cm

Soil on the North side of the road, but on the South incline portion of the ditch which appear to be non-impacted show field soil electroconductivity readings of:

3 inches - 147.0 uS/cm
6 inches - 234 uS/cm
9 inches - 365 uS/cm
12 inches - 282 uS/cm
18 inches - 276 uS/cm

High range chloride strip shows 7.4, which equals 2842 ppm Chloride.

Spoke to on-site company rep, and he had a vac truck arrive on-site around 12:30 to remove water from the ditch. Company rep will excavate more soil and will follow up with the Department on clean up recommendations.

3 sets of Group 190 water samples taken from the ditch. Sample 001, Sample 001 Duplicate, Sample 002. 18 bottles total.

Company rep gave a very rough estimate of 50-100bbls of brine released, but indicated they do not know exactly how much.

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site at 11:35 a.m. Sunny and hot. 93 degrees F, wind SE approximately 10 mph. Inspected grass growth west of tank and in the ditch west of tank. One area of sparse grass growth near ditch in what appeared to be lowest lying area. EC readings ranged from 1100-1600 microsiemens per centimeter (uS/cm). Otherwise, fairly good grass growth shown in previously impacted area.