

# *Oil Field Environmental Incident Summary*

**Incident:** 20190117152949      **Notice:** 1/17/2019    15:29    **Occurred:** 1/17/2019    11:00

**Responsible Party:** WHITE OWL ENERGY SERVICES (US) INC.

**Well Operator:** WHITE OWL ENERGY SERVICES (US) INC.

**Well Name:** WO WATFORD #1

**Field Name:** SIVERSTON

**Well File #:** 90172

**Facility ID #:**

**County:** MCKENZIE

**Twp Rng Sec Qtr:** 150 98 22

**Location Description:**

**Submitted By:** Michael Pinnell

**Received By:**

**Contact Info:** Todd Johnston  
P.O. BOX 1953  
DICKINSON ND 58602

**Affected Medium:** Well/Facility Soil

**General Land Use:** Well/Facility Site

**Near. Occupied Bldg:**

**Nearest Water Well:**

**Type of Incident:** Fire

**Release Contained:** Unknown

**Reported to NRC:** No

	<b>Spilled</b>	<b>Units</b>	<b>Recovered</b>	<b>Units</b>	<b>Followup</b>	<b>Units</b>
<b>Oil</b>					112	barrels
<b>Brine</b>					7297	barrels
<b>Other</b>						

**Oth Rel. Contaminant:**

**Date Inspected:**

**Clean Up Concluded:** 5/31/2019

**Written Report Recd:** 9/6/2019

**Risk Evaluation:**

The facility is currently burning. Emergency services have set up a roadblock. Health hazards include air quality and burn risks.

**Areal Extent:**

**Potential Env. Impacts:**

There is an impact on air quality in the area. Currently there is thick black smoke in the air as a result of the fire. The oil on site is currently burning, we are unable to determine any spill impacts at this time.

**Action Taken/Planned:**

The trucks on site were evacuated. The operator working at the time evacuated to the muster point and called 911. McKenzie county fire department arrived and they shut in the injection well to prevent any salt water contamination, and then they made the call to let the fire burn itself out instead risking lives. The fire is currently still burning.

**Wastes Disposal Location:**

Unknown at this time.

**Other Agencies Involved:**

Local Fire Department

**Updates**

---

**Date:** 1/17/2019      **Status:** Reviewed - Immediate Inspection Required      **No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

This incident was reported as a fire on the facility of a salt water disposal. Report states that they were unable to determine any spill impacts at the time of entering filing the report. More follow-up needed.

**Updated Volumes and Contaminant**    None at the time of this update

---

**Date:** 1/17/2019      **Status:** Inspection      **No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Inspection Date: 1/17/2019

Location has been blocked off by local law enforcement. The pad is still on fire and creating a large dark plume. Could not tell from where I was standing if any contaminants got off of pad. Another inspection will be needed.

Photos were taken and can be found in the report folder.

**Updated Volumes and Contaminant**    None at the time of this update

---

**Date:** 1/18/2019      **Status:** Inspection      **No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Inspection Date: 1/18/2019

Arrived on location at 1030. Met with White Owl employee and we toured the site. Tanks were completely melted down. A few tanks were on their sides and some had lids torn off. One tank was still on fire. A large amount of saltwater was released and contained within the scoria tank berm on the west side of the pad. There was a spot on the east side of the pad where production water migrated from the tanks and pooled in the east ditch, which separates White Owl's property from the neighboring property. There is a culvert in this ditch but at the time of inspection it did not look like production water had reached that culvert. Culvert leads to the stormwater containment area at the entrance of the pad. No saltwater made it to this area.

White Owl representative mentioned they could not start clean up until their insurance broker came out to assess the damage. He said that they would get vac trucks out as soon as possible to collect all spilled salt water. Further follow-up is needed for this location.

Photos were taken and can be found in the report folder, as well as White Owl rep contact info, who will be the main contact for this spill.

**Updated Volumes and Contaminant**    None at the time of this update

---

**Date:** 1/23/2019      **Status:** Correspondence

**No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Spoke with White Owl representative on remediation progress with this incident. The fluid in the earthen berm has been removed and disposed of. The area where saltwater migrated to the eastern side of the pad has been scraped up. That contaminated scoria/soil was put within the earthen berm. The free standing saltwater has been removed from the eastern ditch. That eastern ditch does not go all the way around the pad. It stops at the northeast corner of SWD. Further follow-up is needed.

**Updated Volumes and Contaminant** None at the time of this update

---

**Date:** 1/23/2019      **Status:** Inspection

**No Further Action:**

**Author:** Washek, Sandi

**Notes:**

Arrived onsite at 9:30am weather was overcast with wind out of the west at 10 miles/ hr. temperature of 22 degrees F.

Contacted the company rep to ensure entry onto site. Company rep informed the NDDoH inspector that they had hydro vacuumed about 600 barrels of product off site and it was sent to their disposal site in New Town. They have also scraped up the impacted soil onsite along the east side of pad down to frozen ground.

The NDDoH inspector walked the east side of the pad where the area had been scraped. What appears to be the lowest spot in the ditch running along the east side of the pad (GPS N47.79414 W103.21140) is an area of visible mud that had been scraped. The ground that had been scraped appeared to be frozen underfoot. There were no visible liquids in the ditch, but there is a small puddle about 1 foot by 2 foot by 1" deep on the pad, about 4 feet away from the east ditch area.

There was also some visible snow in the ditch on the far south and north ends of the ditch. Photos were collected and added to the incident folder.

Additional follow-up will be needed for this site.

**Updated Volumes and Contaminant** None at the time of this update

---

**Date:** 3/9/2020      **Status:** Correspondence - More Follow-up Required

**No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

An inspection will be done this year at this location. Further follow-up is needed.

**Updated Volumes and Contaminant** None at the time of this update

---

**Date:** 6/8/2021      **Status:** Inspection - More Follow-up Required

**No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Inspection Date: 6/8/2021

Arrived on location at 1530. The grass next to the pad is growing very well, however, there is a small ditch alongside the road that does not have grass growing. It looks like the saltwater might have continued that way as well. Further follow-up is needed.

**Updated Volumes and Contaminant** None at the time of this update

---

**Date:** 11/3/2021      **Status:** Inspection - More Follow-up Required      **No Further Action:**

**Author:** Suess, Bill

**Notes:**

This incident has been re-assigned to K. Crowdus.

**Updated Volumes and Contaminant**   None at the time of this update

---

**Date:** 6/7/2022      **Status:** Inspection - No Action Required      **No Further Action:**

**Author:** Crowdus, Kory

**Notes:**

On location 6/7/2022, at 3:39pm. Vegetation around the pad and in the roadside ditch is green and growing. No signs of impacts seen at this time. No further follow-up needed.

**Updated Volumes and Contaminant**   None at the time of this update