

Oil Field Environmental Incident Summary

Incident: 20190508163353 **Notice:** 5/8/2019 16:33 **Occurred:** 5/8/2019 13:10

Responsible Party: VAST OPERATIONS, LLC

Well Operator: VAST OPERATIONS, LLC

Well Name: KOEHLER-STEAD 1H

Field Name: STINSON

Well File #: 14647

Facility ID #:

County: BOTTINEAU

Twp Rng Sec Qtr: 162 81 14 N2 S2

Location Description: 48.84988, -101.13126

Submitted By: Cody VanderBusch

Received By:

Contact Info: Jim Anderson
1931 S 1700 E
SALT LAKE CITY UT 84108

Affected Medium: Topsoil

General Land Use: Cultivated

Near. Occupied Bldg:

Nearest Water Well:

Type of Incident: Equipment Failure

Release Contained: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
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Oil

Brine	1.5	Barrels				
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Other

Oth Rel. Contaminant:

Date Inspected:

Clean Up Concluded:

Written Report Recd:

Risk Evaluation:

Topsoil

Areal Extent:

Potential Env. Impacts:

Topsoil

Action Taken/Planned:

Fluid will be sucked or scraped up to stop the spill from moving.

Wastes Disposal Location:

Other Agencies Involved:

Updates

Date: 5/9/2019 **Status:** Reviewed - Follow-up Required **No Further Action:**

Author: DeVries, Taylor

Notes:

According to the incident report, the release of brine was not contained to the well pad. Further follow-up is needed.

Updated Volumes and Contaminant None at the time of this update

Date: 5/9/2019 **Status:** Inspection **No Further Action:**

Author: Torgerson, Brad

Notes:

On 5/9/2019 at 6:06 pm - Sunny and 52 Degrees F - I visited the Vast Operations, LLC/Citation - Koehler -Stead 1H production separation and storage facility (Lat: 48.850150, Long: -101.132288). It appeared produced water may have leaked near the treater and then soaked into the ground and leached to the north of the facility. Soil stockpiles are located at the site. A trench was excavated just north of the north edge of the facility. Based on soil conductivity readings, it appears more salt impacted soils will need to be excavated and properly disposed. Further follow-up appears to be necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 5/22/2019 **Status:** Inspection **No Further Action:**

Author: O'Gorman, Brian

Notes:

Arrived on location at 8:46. 54 degrees F, East wind 10-15 mph, Cloudy. Met with the environmental consultant who directed me to the incident location. According to the consultant the area impacted was being backfilled during the inspection. Replacement soil was being leveled and landscaped north and west of the location at the time of inspection. Will await confirmation report and vegetation growth for closure. Further follow-up needed. Photos added to the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 8/2/2019 **Status:** Inspection **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 12:43 8/2/2019.

Impacts to NW of location on north side of road. Marginal vegetation regrowth dominated by kochia. Many barren areas at location.

More follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 9/30/2019 **Status:** Inspection - More Follow-up Required **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 3:29 9/25/2019.

No sign of remaining contaminants or contamination. Area is dominated by kochia.

Contact company regarding sampling.

More follow up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 7/2/2020 **Status:** Inspection - No Action Required **No Further Action:**

Author: Stockdill, Scott

Notes:

Arrived on location 7/2/2020.

No sign of remaining contamination or contaminants. Vegetation in area is doing well but somewhat stunted.

No follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update