

# *Oil Field Environmental Incident Summary*

**Incident:** 20180916140411      **Notice:** 9/16/2018    14:04      **Occurred:** 9/15/2018    14:00

**Responsible Party:** BASIC ENERGY SERVICES, L.P.

**Well Operator:** BASIC ENERGY SERVICES, L.P.

**Well Name:** BAKKEN BACKWASH 7

**Field Name:** MANITOU

**Well File #:** 90223

**Facility ID #:**

**County:** MOUNTRAIL

**Twp Rng Sec Qtr:** 156 94 19

**Location Description:** From pump house into ditch along tank battery to the west down to pipeline riser.

**Submitted By:** Shane Dimando

**Received By:**

**Contact Info:** Shane Dimando  
801 CHERRY STREET, SUITE 2200  
UNIT 21  
FORT WORTH TX 76102

**Affected Medium:** Well/Facility Soil

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

**Near. Occupied Bldg:**

**Nearest Water Well:**

**Type of Incident:** Valve/Piping Connection Leak

**Release Contained:** No

**Reported to NRC:** No

	<i>Spilled</i>	<i>Units</i>	<i>Recovered</i>	<i>Units</i>	<i>Followup</i>	<i>Units</i>
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**Oil**

<b>Brine</b>	500	Barrels	450	Barrels		
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**Other**

**Oth Rel. Contaminant:**

**Date Inspected:**

**Clean Up Concluded:**

**Written Report Recd:**

**Risk Evaluation:**

Low to no risk

**Areal Extent:**

Fluid puddled to the west of the facility around a pipeline riser (not part of incident)

**Potential Env. Impacts:**

Potential surface soil remediation

**Action Taken/Planned:**

Valves from tank battery were closed stopping the flow of water. Vac truck offloading at SWD immediately began sucking up fluid while a second truck was dispatched to the location to assist until the majority if not all the fluid was sucked up and disposed at SDND # 2. Roustabout crew was dispatched to replace defective material.

Future action will be testing the soil by using a third party contractor to determine the extent of

remediation. Upon completion of testing, possible organic remediation and/or excavation will be determined.

**Wastes Disposal Location:**

Liquid was disposed at Basic Energy SDND # 2. Soil disposal will be determined upon sampling and remediation plan.

**Other Agencies Involved:**

**Updates**

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**Date:** 9/17/2018      **Status:** Reviewed - Follow-up Required      **No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

Release, due to a valve/piping connection leak was not contained, according to the report. Further follow-up needed.

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

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**Date:** 9/17/2018      **Status:** Inspection      **No Further Action:**

**Author:** Kannenberg, Derek

**Notes:**

Release originated from a failed elbow connection. Release flowed over the ground, and through a small pipe through a berm, and into the adjacent field. Ground was still wet at the time of the visit, and extended approximately 200 feet into the neighboring field. Landowner had not been notified at the time of the visit. New contact will be Jeff: 701-580-4225. Secondary contact will be Ray: 701-580-9159.

Two soil samples were collected, one background and one from the area of impact. Custody record is included in the release folder.

Background (18-C887): 48.3253545, -102.8098303  
Impact (18-C886): 48.3255237, -102.8101427

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

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**Date:** 10/25/2018      **Status:** Inspection      **No Further Action:**

**Author:** Kangas, Kathleen

**Notes:**

Onsite at 12:20pm. 55 degrees F, sunny, wind WNW 10mph. Contractor is onsite digging some areas and taking samples. Area of impact is delineated with white flags. Some piles of apparent impacted material are excavated and onsite. One bermed area appears to hold sludge-like material. No impacts to water seen. Spoke to company rep who said they plan on having all material excavated and remediated by next week.

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

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**Date:** 11/6/2018      **Status:** Inspection

**No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

Arrived on location at 15:35. 14 degrees F, Northwest wind 25-35 mph, Cloudy skies. Observed the area and took photos. Company contractor was on-site at the time of inspection loading side-dump trucks with a pile of soil placed in the south portion of the excavation. It appeared that the area impacted and/or excavated was approximately 3 feet in depth along all of its area. Some of the soils along the west edge showed a muddy consistency, which could be an indication that the horizontal extent may not have been delineated. More follow-up needed. Photos added to the incident folder.

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

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**Date:** 11/7/2018      **Status:** Correspondence

**No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Received an initial remediation plan. The plan is insufficient and will not be approved. Further follow-up is needed with responsible party and environmental consultant.

Initial plan added to incident folder.

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

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**Date:** 11/20/2018      **Status:** Correspondence

**No Further Action:**

**Author:** O'Gorman, Brian

**Notes:**

Received hard copy results from soil samples collected on 9/17/2018 for group 190 analysis. Many of the constituents collected from the impacted area showed higher levels of boron, strontium, sodium, calcium, potassium, selenium, chlorides, ammonia, sulfates, bromides and conductivity, than the background sample. This indicates that impacts remain in the soil in the area where the sample was taken. More follow-up needed. Results added to the incident folder.

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

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**Date:** 4/30/2019      **Status:** Correspondence

**No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Received sample results from samples taken by Brian on 9/17/2018. The impacted sample came back with 913ppm. Further follow-up is needed.

Results can be found in the report.

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

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**Date:** 6/12/2019      **Status:** Inspection

**No Further Action:**

**Author:** DeVries, Taylor

**Notes:**

Inspection Date: 6/12/2019

Arrived on location at 0900. Met with third party consultant and went over the remediation plan for the location. A written remediation plan will be put together and sent to the DEQ. Excavation is still open.

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

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

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**Date:** 12/9/2020      **Status:** Inspection - No Action Required

**No Further Action:**

**Author:** Torgerson, Brad

**Notes:**

On 12/9/2020 at 10:05am - Cloudy and 32 Degrees F - visited the AquaLibre SWD Disposal Well Facility #7/Yard 18 16 (formerly the Basic Energy Services, L.P. - Bakken Backwash 7). I walked the perimeter of the location and did not observe obvious impacted vegetation adjacent to and off the location.

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