

# General Environmental Incident Summary

**Incident:** 4041      **Date/Time Notice:** 3/16/2016      1410      **DEM Incident No:**

**Responsible Party:** 5th Bomb Wing

**Date Incident:** 3/15/2016      **Time Incident:** 1430      **Duration:**

**County:** Ward      **Twp:** 156      **Rng:** 86      **Sec:** 20      **Qtr:** NW NW NW

**Lat:** 48.32611      **Long:** -101.76970      **Method:** Derived from TRSQ

**Location Description:** Two miles west of Berthold, ND on access road to missile launch facility J-4 just off of Hwy 2.

**Submitted By:** Danny Kluck

**Affiliation:**

**Address:** 5 CES/CEIEC

445 Peacekeeper Place

**City:** Minot AFB

**State:** ND

**Zip:** 58705

## Received By:

**Contact Person:** Danny Kluck  
201 Summit Drive  
Minot AFB, ND 58705

**Distance Nearest Occupied Building:** 1 Miles

**Release Contained:** Yes

**Type of Incident:** Helicopter released fuel

**Description of Released Contaminant:** Jet A

**Volume Spilled:** 1.00 gallons

**Ag Related:** No

**EPA Extremely Hazardous Substance:** No

**Reported to NRC:** Yes

## Cause of Incident:

Helicopter made precautionary landing on missile site access road. When engines were shut down unburned fuel was expelled from engines. Approximately 1 gallon of fuel was expelled and the wind spread it over a 5ft x 3ft area.

## Risk Evaluation:

None.

**# of Fatalities:** 0

**# of Injuries:** 0

**Affected Medium:** 03 - soil

## Potential Environmental Impacts:

None.

## Action Taken or Planned:

The small amount (1 gallon) of unburned fuel was sprayed over the shoulder of the road. The soil was very compact with low permeability. Digging showed that the soil had only penetrated one half inch to one inch. It is windy and the fuel will volatilize. There was no threat to water and minimal threat to the soil.

**Wastes Disposal Location:** No soil was excavated.

**Agencies Involved:** US Air Force

**Updates**

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**Date:** 3/16/2016    **Status:** Correspondence

**Author:** O'Gorman, Brian

**Updated Volume:**

**Notes:**

Spoke to the contact and was informed that the release was mostly on impermeable gravel and soils. Contact relayed that the release was a very small amount and did not penetrate the area below .5 to 1 inch. Contact did not believe any receptors would be impacted, and natural attenuation would be sufficient. He also mentioned that he would monitor the area in the future to make sure the release was not moving or becoming a contaminant of concern. The contact emailed a photo of the release, which is added to the folder. No further follow-up needed at this time.

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**Date:** 3/16/2016    **Status:** Reviewed - Follow-up Required

**Author:** O'Gorman, Brian

**Updated Volume:**

**Notes:**

According to the report, 1 gallon of fuel impacted lease road and part of shoulder. More follow-up needed.