

# General Environmental Incident Summary

**Incident:** 624      **Date/Time Notice:** 8/6/2003      1142      **DEM Incident No:**  
**Responsible Party:** Archer Daniels Midland  
**Date Incident:** 7/18/2003      **Time Incident:** 1055      **Duration:** 10 minutes  
**County:** Pembina      **Twp:** 163      **Rng:** 56      **Sec:** 28      **Qtr:** SE  
**Lat:** 48.91247      **Long:** -97.89434      **Method:** Derived from TRS  
**Location Description:** 911 Address: 12868 - Approximately 1.5 miles from Walhalla, ND

**Submitted By:** Ed Anderson      **Affiliation:**

**Address:**

**City:**      **State:**      **Zip:**

**Received By:**

**Contact Person:** Ed Anderson  
County Road 9  
PO Box 709  
Walhalla, ND 58282

**Distance Nearest Occupied Building:** 1200 Feet

**Type of Incident:** tank overflow, N/A

**Description of Released Contaminant:** Natural Gasoline

**Volume Spilled:** 795.00 gallons      **Ag Related:** No

**EPA Extremely Hazardous Substance:** No      **Reported to NRC:** Yes

**Cause of Incident:**

Overflow of a natural gasoline storage tank while receiving natural gasoline.

**Risk Evaluation:**

The natural gasoline overflow presented an explosion hazard.

**# of Fatalities:** 0      **# of Injuries:** 0      **Affected Medium:** 03 - soil

**Potential Environmental Impacts:**

The spill occurred in a diked containment area composed of a four to six inch layer of one-inch rock on top of a compacted soil bed. The area was examined on 18Jul03 and 28Jul03 for presence of natural gasoline by sight and odor. Rock emitted a natural gasoline odor, however, the soil material was saturated in water and free of a natural gasoline odor. The rock's odor declined substantially from 18Jul03 to 28Jul03. It appears the natural gasoline was contained, and will not impact surface or ground water.

**Action Taken or Planned:**

The natural gasoline appears contained in the four to six inch layer of one-inch rock above the compacted soil layer. Because rock contaminated with natural gasoline is treated by evaporation and microbial degradation, and to minimize disruption of the containment structure and potential spread of the contaminated material, it was decided through conversations on July 23, 24 & 29 with Mr. Scott

Hopfauf, NDDH Waste Management and Mr. Scott Radig, NDDH on July 24 and 28, to treat the contaminated rock by weathering in its original location. It was further decided that treatment monitoring will be done by periodic odor inspection, and it is unnecessary to file a "Land Treatment Variance Application" form with the ND Department of Health.

**Wastes Disposal Location:** Approximately 240 gallons of natural denaturant was recovered. This material was placed in the facility's distillation area to be re-worked.

**Agencies Involved:** On 18Jul03 the following agencies were notified of the natural gasoline spill: National Response Center (NRC) report 651189; North Dakota Emergency Management Agency, report 111447, and the Pembina County Emergency Management Agency.