

# General Environmental Incident Summary

**Incident:** 5223      **Date/Time Notice:** 9/1/2016      **DEM Incident No:**

**Responsible Party:** The City of Arthur

**Date Incident:** 9/2/2016      **Time Incident:**      **Duration:**

**County:** Cass      **Twp:** 142      **Rng:** 52      **Sec:** 24      **Qtr:** NW

**Lat:** 47.10219      **Long:** -97.21788      **Method:** Interpolation from map

**Location Description:** North of Arthur Cenex, south of Titan Machinery, and east of Highway 18.  
Along 5th Avenue in Arthur, North Dakota.

**Submitted By:** Jacqueline Finck

**Affiliation:** Terracon Consultants, Inc.

**Address:** 860 9th St. NE

Unit K

**City:** West Fargo

**State:** ND

**Zip:** 58078

**Received By:**

**Contact Person:**

PO Box 84

Arthur, ND

**Distance Nearest Occupied Building:** 90 Feet      **Release Contained:** No

**Type of Incident:** Tank Leak

**Description of Released Contaminant:** Petroleum products

**Volume Spilled:**

**Ag Related:** No

**EPA Extremely Hazardous Substance:** Unknown

**Reported to NRC:** Unknown

**Cause of Incident:**

The contamination was from the adjacent site where there was a leaking underground storage tank (LUST)

**Risk Evaluation:**

Immediate Risk was not observed from stockpiled soils that were screened.

**# of Fatalities:**      **# of Injuries:**      **Affected Medium:** 04 - water and soil

**Potential Environmental Impacts:**

The potential impacts could be groundwater, but the site was previously cleaned up in 1998. The highest PID reading within the soils was 206.1 ppm. Moore Engineering said the water main piping that is being placed in the trench is polyvinyl chloride (PVC) piping.

**Action Taken or Planned:**

The LUST status for the adjacent site is "Site Cleanup Completed" with a date of 3/25/1998. Terracon discussed the situation and the site with Carl Ness, who is with the North Dakota Department of Health (NDDoH), and arrived onsite to sample the excavated stockpiled soil for the water main that is being put in. Seven samples were collected from the stockpile to screen with a photoionization detector (PID) meter. The lowest reading was 0.3 parts per million (ppm) and the highest was 206.1 ppm. The portion of the stockpile that had the highest PID reading (206.1 ppm) was stockpiled separately and covered with plastic until approval was given by Carl Ness to place soils back into the

trench, which occurred a few days later.

***Wastes Disposal Location:***

***Agencies Involved:*** The mayor of Arthur

***Updates***

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***Date:*** 9/1/2016    ***Status:*** Reviewed - Assigned to NDDoH Division    ***Author:*** O'Gorman, Brian

***Updated Volume:***

***Notes:***

According to the report, Carl Ness of the Underground Storage Tank (UST) Program has been contacted regarding this location. UST Program retains oversight.