

# General Environmental Incident Summary

**Incident:** 5724

**Notice:** 5/21/2018 1000

**Occurred:** 5/15/2018 21:3

**DEM Incident No:**

**No Further Action:** ☒

**Responsible Party:** Jason Schmalenberger

**County:** Stark

**Twp Rng Sec Qtr:** 140 91 36 SW

**Lat Long + Method:** 46.89850 -102.10770 Derived from TRS

**Location Description:** 3 Miles west of Hebron, ND on Highway 10

**Submitted By Info:** Jason Schmalenberger  
owner  
319 N Elm  
Hebron ND 58638

**Received By Info:**

**Contact Info:** Jason Schmalenberger  
319 N Elm  
Hebron ND 58638

**Affected Medium:** 01 - air

**Near. Occupied Bldg:** 3 Miles

**Type of Incident:** Valve Leak

**Release Contained:** Yes

**Reported to NRC:** Unknown

**Contaminant:** Anhydrous Ammonia

**Volume of Release:** 2 gallons

**Duration of Release:** 30 minutes

**Agriculture Related:** Yes

**EPA Extremely**

**Hazardous Substance:** Unknown

**Number of Fatalities:** 0

**Number of Injuries:** 0

**Cause of Incident:**

Anhydrous ammonia nurse tank valve leaking. Nurse Tank Valves were all closed. I believe the cause was that the valve on the nurse tank was closed when it was hot in the afternoon and when the temperature drops the pressure in the nurse tank also drops and the valve is no longer tight as it should be because of the drop in pressure, and then the valve started to leak. It only took about a 1/4 of a turn of the valve to stop the leak from occurring.

**Risk Evaluation:**

No immediate Risk because the anhydrous ammonia evaporated. The nurse tank valve was closed tight and leak stopped.

**Potential Env. Impacts:**

I do not believe there are any Environmental Impacts as it was a small amount and it has all evaporated.

**Action Taken/Planned:**

The action taken was the fire department showed up on scene and fogged water and walked up to the nurse tank and turned it shut and then the valve quick leaking.

**Wastes Disposal Location:**

Was no recovered wastes.

***Other Agencies Involved:***

***Updates***

---

***Date:*** 5/21/2018      ***Status:*** Reviewed - Assigned to NDDEQ Division

***Author:*** DeVries, Taylor

***Notes:***

According to the incident report, there was a release of 2 gallons of anhydrous ammonia. This incident is being forwarded to the Division of Air Quality within the Health Department.

***Updated Volume:*** None at the time of this update