

**IOWA DEPARTMENT OF NATURAL RESOURCES
FIELD SERVICES AND COMPLIANCE BUREAU
FIELD OFFICE #2 - MASON CITY IOWA**

DATE: **October 30, 2009**

TO: **The Record**

FROM: **Glenn Carper** *gpc*

SUBJECT: **United Suppliers – Eldora**
 Spill # 102609-KAL-1100

I stopped at the spill site to assess clean up efforts. I talked to Jim Michaelson and Brent Hallett at the time of my visit.

The ditch has been completely dug out from the point of the old tile outfall to where the spill was stopped with the dikes. It has been raining and the ditch has now filled in with runoff water. A series of silt fences had been installed to control soil erosion. The tile line itself has been removed from the old outfall point to a point about halfway along the west side of the building.

Gerhke Excavating had been removing the tile line by removing the clean soil from above the tile and using this soil to refill the trench after the tile and contaminated soil had been removed. The contaminated soil was being placed inside plastic silage tubes. Six mil plastic sheeting had been placed on the ground first, then the soil filled tubes and then everything had been covered with another layer of plastic.

The pieces of plastic tile were being placed in a dumpster. The dumpster was going to be taken to the facility's wash bay to be cleaned. The clean plastic was to be taken to a plastic recycler in Webster City. The cleaning water was to be collected and added to the other recovered water and product.

According to Mr. Hallett, approximately 26 – 250 gallon mini-bulks of product and water had been pumped from the ditch and tile line since recover efforts started.

It was raining at the time of my visit and it had been raining for several hours straight. Clean up activities had been suspended until the weather improved. Gerhke had left a small sump hole where work had been suspended. A pump and mini-bulk tanks were in place to enable pumping material out of the sump hole. The sump hole was small (about 8 feet across) and the surrounding area had been graded so that surface runoff would not enter the sump. The building roof drains had been disconnected from the tile and buckets placed over the intakes. Solid tile was now directing the roof drainage out over the asphalt driveway and away from the building and tile line.

The last truck load of contaminated soil had not been able to be placed in one of the plastic silage tubes before the rain started. This truck was parked under a roof in a containment area. The dumpster containing the plastic tile pieces was also placed in this area.

Despite the rain, everything looked contained. I advised Mr. Michaelson and Mr. Hallett to proceed with clean up when the weather allowed.



Ditch cleaned out from old tile outfall to where the spill had been stopped.



Upper end of ditch showing silt fences and the area where removal of the tile was occurring. Note: water was diverted around the west side of the work site.



Tile intake plugged with bucket (background). Solid tile now diverting water away from the building and tile intake.



Soil stockpile area showing that the contaminated soil is contained and protected from the weather.