

DEPARTMENT OF NATURAL RESOURCES
Environmental Services Division

MEMORANDUM

DATE: June 14, 2013

TO: Agriland FS - Casey Uncontrolled Sites File

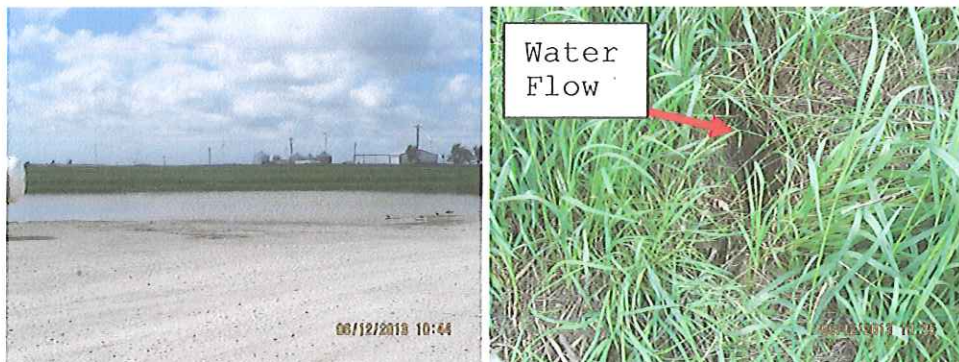
FROM: Keith Wilken, Environmental Specialist, FO 4, IDNR *KW*

RE: Agriland FS - Canby Facility Visit
1608 160th Street, Casey, Iowa
Adair County, Prussia Township, Section 5
HSI Number 052311-MAC-1145

The Department of Natural Resources (department) received a report on June 12, 2013 that the earthen secondary containment structure (stormwater retention basin) was full, overflowing, and eroding the bank. The report also noted that sprayers are again being washed and drained on-site.

Wilken visited the facility on June 12, 2013 and met with Mr. Chris Scholl, Location Manager. Wilken discussed the allegations with Mr. Scholl. It was reported that the earthen structure has not overflowed. It was reported that the structure was redesigned to divert excess water to a second earthen structure on the east edge of the facility. Mr. Scholl noted that Agriland hasn't pumped any water out of either basin, but rather the expanded structure has successfully handled the precipitation this year through evaporation. Mr. Scholl reported that sprayers are typically washed in the fields. Mr. Scholl reported that, if necessary, sprayers are washed inside the bay or above the concrete loading pads if conducted on-site. The water is subsequently pumped out and land applied. Mr. Scholl reported that water is routinely analyzed in the earthen containment structure. The most recent analysis yielded 8 ppm ammonia.

Wilken and Mr. Scholl inspected the facility. It was observed that the earthen secondary containment structure contained a large amount of liquid. However, it was not overflowing. There was no evidence that the structure had overflowed. Wilken observed water flowing from the base of the south side of the earthen structure. It appears water is working its way through the south earthen wall of the structure. Wilken informed Mr. Scholl that the water will likely continue eroding the south earthen wall of the structure. Wilken recommended that the damage to the basin wall be repaired immediately before the condition worsens.



It was observed that the concrete loading pad on the south side of the dry fertilizer building was completely full of liquid even though a structure was built over the loading pad. Wilken advised Mr. Scholl to pump the liquid out of the loading pad and properly dispose of such. Wilken reminded Mr. Scholl that the loading pad cannot adequately contain spills if it is full of liquid. Wilken reminded Mr. Scholl that liquid in loading pads such as this often contain ammonia laden water.



The storage and handling practices at the facility have improved significantly. Wilken encouraged Mr. Scholl to continue making small improvements.

Wilken subsequently met with Ms. Janet Crees (owner of the private pond). During our last visit, the Crees' pond was almost completely covered in a thick algae mat. The pond exhibited improvement during this visit. Ms. Crees was reminded that the department can restock the pond whenever the Crees are ready to do so.



Wilken spoke with Mr. Scholl via telephone on June 14, 2013 and reminded him that the leak in the south basin wall should be repaired as quickly as possible. Wilken asked Mr. Scholl to keep the department updated on any repairs.

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xc: Tami Rice, IDNR Contaminated Sites Section