



# STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR  
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
ROGER L. LANDE, DIRECTOR

May 10, 2012

Mr. Steve Nielson  
United Suppliers, Inc.  
30473 260<sup>th</sup> Street, P.O. Box 538  
Eldora, IA 50627-0538

**CON 12-15**  
**Doc # 27004**

RE: Groundwater Sample Analysis report, Allison Ag Center, Allison, Iowa

Dear Mr. Nielson:

The Department has reviewed the Groundwater Sample Analysis report (dated April 5, 2012) for the above mentioned site. Five onsite monitoring wells (TW1 through TW5) were sampled for nitrate and ammonia. The report contained historic groundwater and surface water data going back to 2002. The report was prepared and submitted by Trileaf Environmental.

The concentrations of ammonia and nitrate detected in the latest round of groundwater sampling (3/27/2012) still exceed their respective Statewide Standard. The highest ammonia concentration (as N in TW-3) was 260 mg/L. The highest nitrate concentration (as N in TW-2) was 1,100 mg/L. The Statewide Standard is 30 mg/L for ammonia and 10 mg/L for nitrate. The onsite concentrations of ammonia and nitrate in groundwater have historically shown some variability. Going back over a period of the last four or five years, the trend in concentrations appears to be stable. There are no monitoring wells onsite that have obviously increasing trends in nitrate or ammonia concentrations during that period. This property is located within the source water protection area of the City of Allison's municipal water supply well # 1.

In view of the groundwater plume conditions, no further assessment or monitoring activities will be required at this time. Please note that regardless of this determination, any future site information that would increase concern about the contaminant plume, especially its potential for offsite impact, may well require additional assessment or monitoring activities.

Please contact me at (515) 242-5084 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Hylton Jackson".

Hylton Jackson, Environmental Specialist-IDNR

Cc: Cal Lundberg, Contaminated Sites Supervisor-IDNR  
IDNR Field Office #2  
Eric Muggenberg, P.G. Trileaf Environmental Consultants, 2501 SE Tones Drive, Suite 700,  
Ankeny, IA 50021