



STATE OF IOWA

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

DEPARTMENT OF NATURAL RESOURCES  
CHUCK GIPP, DIRECTOR

March 23, 2015

TODD A KING  
DIRECTOR OF ENVIRONMENTAL AFFAIRS  
CHS INC  
5500 CENEX DRIVE  
INVER GROVE HEIGHTS MN 55077

Subject: Submittal of the 2014 Site Monitoring Report, Britt, Iowa

Dear Mr. King:

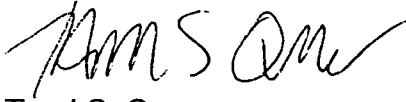
Thank you for the submittal of the report referenced above for the Former Thermogas Facility located at 190 7<sup>th</sup> Street SE, Britt, Iowa. As mentioned in the report, groundwater samples were collected from site monitoring wells in June and December 2014. The Department was onsite during the June sampling event to collect samples for analysis by the State Hygienic Laboratory. All of the groundwater samples were analyzed for pesticides, ammonia as nitrogen, and nitrate-nitrite as nitrogen.

Concentrations of alachlor, ammonia nitrogen, and nitrate-nitrite as nitrogen were observed in some monitoring wells above the MCL and/or HAL values during the 2014 sampling events. Specifically, nitrate-nitrite as nitrogen exceedences were noted in MW2R, MW3, MW4, MW10 (June only), and MW13 at concentrations ranging from 10 mg/L to 804 mg/L with an applicable standard of 10 mg/L. Ammonia as nitrogen exceedences were noted in MW-2, MW-3, and MW13 at concentrations ranging from 200 mg/L to 418 mg/L with an applicable standard of 30 mg/L. Exceedences of alachlor were observed in MW2R and MW13 with concentrations ranging from 380 ug/L to 3,970 ug/L with a standard of 2 ug/L.

Alachlor concentrations in MW13 which was installed in May 2014 are much higher than the concentrations observed onsite to date. During the split sampling event in June, the Department observed debris located near MW13 which included plastic containers resembling pesticide containers. Additional investigation of the debris in the vicinity of MW13 is warranted and additional groundwater investigation may be necessary in the future.

Additional groundwater monitoring is required. We look forward to receiving the Site Monitoring Report for the site referenced above **no later than January 31, 2016**. As of March 27, 2015, I will no longer be in the Contaminated Sites Section so please direct future correspondence to Matt Culp. Matt may be reached by phone at 515-725-8337 or by email at [matt.culp@dnr.iowa.gov](mailto:matt.culp@dnr.iowa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Tami S. Quam', with a stylized flourish at the end.

Tami S. Quam  
Environmental Specialist Senior  
Contaminated Sites Section  
Iowa Department of Natural Resources

Cc: Cal Lundberg, Supervisor, Contaminated Sites Section, Iowa Department of Natural Resources  
Linda Watts, GeoTek, 909 East 50<sup>th</sup> Street North, Sioux Falls, South Dakota 57104  
Marvin Hillenga, Box 22, Britt, Iowa 50423  
Field Office 2, 2300 15<sup>th</sup> Street SW, Mason City, Iowa 50401