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STATE OF IOWA

DEPARTMENT OF NATURAL RESOURCES
RICHARD A. LEOPOLD, DIRECTOR

April 23, 2009

Todd A. King
Director of Environmental Affairs
CHS Inc.
5500 Cenex Drive
Inver Grove Heights, MN 55077

Subject: Submittal of the 2008 Site Monitoring Report, Buffalo Center, Iowa

Dear Mr. King:

Thank you for the submittal of the Site Monitoring Report for the Former Thermogas Facility located at 311 2nd Avenue, SW, Buffalo Center, Iowa.

As mentioned in the report, concentrations of ammonia nitrogen, and nitrate-nitrite nitrogen were detected in several monitoring wells above the MCL and/or HAL values during the 2008 sampling events:

- Ammonia nitrogen in MW-2, MW-4, and MW-5
- Nitrate-nitrite as nitrogen in MW-2, MW-3, MW-5, MW-10, MW-11, and MW-12.

As noted in our May 27, 2008 letter, it appears that the metribuzin and nitrate-nitrite nitrogen contaminant plumes have migrated onto adjacent properties northwest of the site, while the ammonia nitrogen plume is located on the northwest corner of the site and extends onto adjacent parcels to the north and west.

The contaminant plumes for metribuzin and ammonia nitrogen are not defined north of MW-4 while the nitrate-nitrite plume is not defined beyond MW-10 and MW-11. Additional plume definition is not required at this time but may be necessary in the future if increasing trends are observed in these wells. Due to the exceedances referenced above, additional monitoring is required. Please continue to sample all monitoring wells at the site.

In the future, please send all correspondence regarding this site to me, as I am your new contact replacing Tami Rice. Feel free to contact me if there are any questions, comments, or concerns at 515-281-4117.

Sincerely,

Jim Kacer, PE, CIH
Environmental Specialist
Contaminated Sites Section
Iowa Department of Natural Resources

cc: Cal Lundberg, Supervisor, Contaminated Sites Section, Iowa Department of Natural Resources
Tami Rice, Environmental Specialist Senior, Contaminated Sites Section, Iowa Department of Natural Resources
Jennifer Carpenter, Seneca Environmental Services, 4140 NE 14th Street, Des Moines, IA 50313
Field Office 2, 2300 15th Street SW, Mason City, IA 50401

502 EAST 9th STREET / DES MOINES, IOWA 50319-0034
PHONE 515-281-5918 FAX 515-281-8895 www.iowadnr.gov