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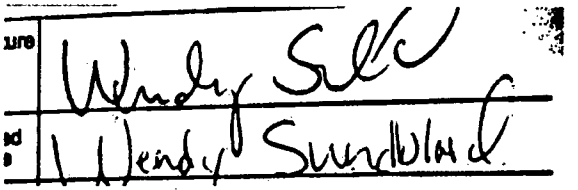

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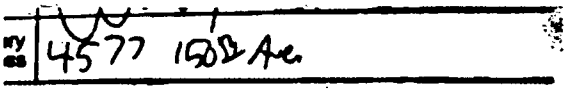

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Fields of Opportunities

STATE OF IOWA

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

DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

January 27, 2015

CERTIFIED MAIL

Greg Sundblad
4577 150th Avenue
Sioux Rapids, IA 50585

Subject: Contamination detected in Sioux Rapids City Well # 2, Sioux Rapids, Iowa

Dear Mr. Sundblad:

Sioux Rapids' Municipal Water Supply Wells (Well #1 and Well # 2) are located on the northern edge of Sioux Rapids in the City Park. The active well, Well # 2 is located 325 feet south of the Little Sioux River. The inactive well, Well # 1 is located 80 feet south of Well # 2. On August 22, 2013 routine sampling of Sioux Rapids' Municipal Water Supply Well # 2 detected a concentration of tetrachloroethene (PCE) at 2.8 ug/L in the sample. This was a first-time detection of this contaminant in the water supply. Follow-up sampling of Well # 2 in March and April of 2014 detected a PCE concentration of 2.5 ug/L during each event. The Contaminated Sites Section of the IDNR was notified of the condition on April 28, 2014. The site was assigned on May 9, 2014 and visited on May 27, 2014. At that time, water samples were collected from City Well # 2, City Well # 1, a water production well for Nelson Products located at 100 Front Street, and a water production well for a local car wash located west of Highway 71/10. Each water sample was submitted for laboratory analysis (Method 524.2) for volatile organic compounds (VOCs). Sioux Rapids' Municipal Water Supply Well # 2 was the only well impacted by the PCE contamination.

Beginning on June 9th, 2014, the IDNR began collecting groundwater samples from the area south and east of Sioux Rapids Well # 2. The IDNR used its own direct push equipment to collect samples a total of 44 locations (from temporary monitoring wells) during 5 sampling events - the last of which took place on November 24 & 25th, 2014. Sioux Rapids Well # 2 has been sampled numerous times during that period also and is currently being sampled on a quarterly basis. PCE continues to be detected in Well # 2 at concentrations between 3.8 ug/L and 5.4 ug/L. The Maximum Contaminant Level (MCL) for PCE is 5 ug/L. An MCL is the legal threshold limit on the amount of a substance that is allowed in public water systems under the Safe Drinking Water Act.

To date, the highest concentrations of PCE detected in groundwater have been 29 ug/L, 30 ug/L., and 46 ug/L. The concentrations were detected in groundwater samples from locations designated as dnrsr56, dnrsr58, and dnrsr57 respectively (see enclosed). These sample points are located on property that you own.

Under Chapter 133 of the Iowa Administrative Code 567, as the current property owner, you are required to submit a site assessment/monitoring plan to the Department that includes, but not limited to the following:

A United States Geological Survey topographic map that clearly identifies the location of the site.

A site map that shows facility structures and property boundaries.

Physiographic description of property and area of the property in acres or square footage. This should include physical addresses for each parcel included.

History of the property referenced above. This should include information on current and past activities, current and past owners, etc.

A method to be used in identifying the vertical and horizontal extent of PCE contamination in groundwater

A survey of receptors (private and municipal water supplies, surface water resources, etc.) that could be impacted by contaminants.

Hydrogeology (general & local) – groundwater flow direction, hydraulic conductivity, groundwater gradient, static groundwater level, etc.

Please note that some of these requirements have already been partially met. It is strongly suggested that you schedule a meeting with the Department at your earliest convenience to discuss this situation before initiating any site investigation activities. Feel free to contact me with any questions, comments, or concerns at 515-725-8338.

Sincerely,

Hylton Jackson
Environmental Specialist
Contaminated Sites Section
Iowa Department of Natural Resources

Encl: Site photo with PCE concentrations detected (in ug/L)

Cc: Michael R. Bovee, 316 11th St. S.W. Plaza, Spencer, IA 51301-0500
Cal Lundberg, Supervisor, Contaminated Sites Section, Iowa Department of Natural Resources
Field Office 3, Julie Sievers
Daryl Enfield, IDNR Water Supply
City of Sioux Rapids