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LETTER REGARDING ON-SITE DEEP GROUNDATER INVESTIGATION NIROP FRIDLEY
MN
2/17/1998
RUST ENVIRONMENT & INFRASTRUCTURE INC.

236

Van Ryswyck - MPCA hydro/PM

RUST Rust Environment & Infrastructure Inc.

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Ground Water & Solid Waste Division
Site Response Section

Name

Category

City

Initials

February 17, 1998

Mr. William Van Ryswyck
Minnesota Pollution Control Agency
Groundwater and Solid Waste Division
520 Lafayette Road North
St. Paul, MN 55155-4194

Re: On-site Deep Groundwater Investigation
Kurt Manufacturing

Dear Mr. Van Ryswyck:

On behalf of Kurt Manufacturing (Kurt), Rust Environment & Infrastructure (Rust) has completed the work task elements outlined in our letter to the Minnesota Pollution Control Agency (MPCA) on September 4, 1997 and those additional tasks requested by the MPCA via letter on September 15, 1997.

As discussed in our meeting on January 26, 1998, our evaluation of these work task elements has lead us to believe the former production well at the site may have induced flow of solvents to depth. Historically, this well has shown elevated concentrations of solvents. Since the production well has been shut down, solvent concentrations have approached non-detection levels. As migration of solvents to the deeper aquifer is a significant concern of this investigation, Rust has proposed to evaluate the deeper aquifer by installing two new wells open to the upper portion of the Prairie du Chien. These wells, in conjunction with the on-site production well and the well located at the Naval Industrial Reserve Ordinance Plant (NIROP) will allow us to determine the groundwater flow direction and quality of the deeper aquifer system. Locations of these new wells are anticipated to be on the west side of the Kurt property. Exact locations will be determined after the review of boring logs from the regional Prairie du Chien wells.

Both wells will be completed in accordance with Minnesota Department of Health (MDH) well code requirements by a licensed driller. If the MDH requires modification to this proposed plan, Rust will discuss an alternative plan with the MPCA prior to well installation.



Upon completion of the new wells, Rust staff will survey elevation, measure water levels, and sample for Volatile Organic Compounds (VOCs) at the two new wells, the production well, and the NIROP well. These data elements will be evaluated with previously collected data and a report will be submitted to the MPCA with our findings, conclusions and recommendations for any further efforts at the site.

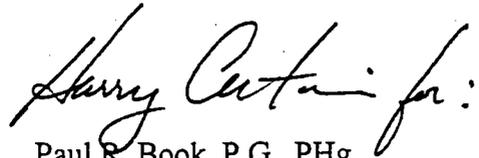
Rust will also append to this report an Annual Monitoring Report for 1997, to meet requirements set forth in the Consent Order between Kurt and the MPCA.

On behalf of Kurt, Rust staff appreciates the continued cooperation of MPCA staff in completing this project. If you have any questions, please call Harry Certain at 551-2428 or Paul Book at 551-2447.

Sincerely,
Rust Environment and Infrastructure



Harry Certain
Project Engineer



Paul R. Book, P.G., PHg
Principal Hydrogeologist

cc: Jim Sjoselius, Kurt Manufacturing
Kern Walker, Kurt Manufacturing
Ken Podpeskar, Oppenheimer Wolff & Donnelly
Roger Blomquist, Rust