



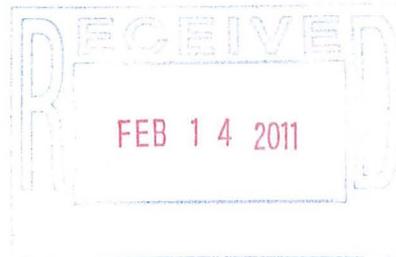
Minnesota Pollution Control Agency

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February 11, 2010

Ms. Renee Eckerly
City Administrator
221 Washburne Avenue
Paynesville, MN 56362

Mr. Ron Mergen
City Engineer
221 Washburne Avenue
Paynesville, MN 56362



RE: Follow-up to February 9, 2011, Council Meeting
Project: Former MidTown Service Station Petroleum Tank Release/Paynesville
Municipal Water Supply

Dear Ms. Eckerly and Mr. Mergen:

At the request of the Council, the Minnesota Pollution Control Agency (MPCA) is sending you this correspondence to document the following items discussed at the February 9, 2011, Council meeting:

1. In the event that a city supply well were to become impacted with petroleum contamination from the MidTown Service petroleum release, the MPCA would request funds from the Petro Board to replace the supply well with an equal capacity well(s) and at no cost to the City of Paynesville (City). The process would be no different than when in January 2001, under a Joint powers Agreement with the City, the MPCA installed and hooked up supply wells CW7 and CW8 to replace supply wells CW3 and CW4 that had become contaminated with petroleum.
2. The MPCA will continue as it has since May 2002 to operate and maintain CW4 for gradient control to contain the groundwater contamination and prevent it from moving and, thus, potentially reaching other supply wells.
3. The MPCA will continue to test supply wells CW3, CW5, CW6, CW7, CW8 annually to assure the City's drinking water supply remains free of petroleum.
4. The MPCA will continue to evaluate the risks that the contamination from the MidTown Service leaksite poses to assure protection of residences and the drinking water supply.
5. The MPCA will continue to semi-annually test groundwater from a network of monitoring wells strategically placed to detect if the contaminated groundwater is moving.

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6. April 2011, weather depending, the MPCA will oversee a pilot test for a dual phase extraction system (DPE) system to look at the feasibility of using dual phase extraction (i.e., drawing down the water table to expose the product and then aerating it) to remove the source of the contamination to the aquifer. The test will also look at dewatering which is an essential component of an excavation. Two months after the pilot test is completed we expect our contractor to have a final Pilot Test Report to us to review. MPCA staff will need two months to review the report and make a corrective action decision.
7. We anticipate that a corrective action decision can be made by September 1, 2011. The MPCA will provide the Council's third party reviewer a copy of the Pilot Test Report and an opportunity for input into our decision making as to the most appropriate corrective action to implement to remove the source of the contamination to the aquifer. The corrective action decision will be chosen from one of the following alternatives: a.) design and execute a DPE system; b.) design and conduct a large excavation; or c.) no corrective action in addition to what we have already listed in the items above. The time required to design and implement additional corrective action, if appropriate, will depend on the corrective action chosen.
8. As you're aware, the funding source for this project is the Petroleum Tank Release Cleanup Fund (Petrofund), which is overseen by the Petrofund Board. Funding is currently in place to perform the planned corrective action for this project. The MPCA has every reason to believe that the Petrofund Board will continue to approve funding for this project until its completion.

If you have any questions regarding this letter, please contact Project Leader, Laurie Kania 218/302-6639; site hydrogeologist, Paul Stock at 218/846-8123; Supervisor, Don Milless at 218/316-3861; or Manager, Michael Kanner at 651/757-2483.

Sincerely,



Michael Kanner
Manager
Petroleum Remediation Section
Remediation Division

MK:ls

cc: Joel Fischer, Director, Petro Fund, Minnesota Department of Commerce
Paul Wiese, Terracon, White Bear Lake