

# MarcellusGas.Org

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Pennsylvania Department of Environmental Protection

321 North State Street  
North Warren, PA 16365  
November 10, 2008

Warren District Office

814-723-3273  
Fax: 814-723-0964

CERTIFIED MAIL NO. [REDACTED]

[REDACTED]

Re: CID NO. 258484

[REDACTED]  
Act 223 Section 208 Determination  
Sheffield Township, Warren County

Dear [REDACTED]

The Department has investigated, in response to your September 19, 2008 complaint, the possible diminution of your water supply by oil and gas activity in the area. After examining your spring box, the Department has concluded that your water loss was a direct result of oil and gas activity.

Section 208 of the Oil and Gas Act states:

“Any well operator who affects a public or private water supply by pollution or diminution shall restore or replace the affected supply with an alternate source of water adequate in quantity or quality for the purposes served by the supply.”

It appears that Howard Drilling Inc. has taken responsibility for the loss of your water supply and has provided an alternate source through the drilling of a new well. Results of the analyses of samples taken from the well indicate elevated levels of Iron (1.2 mg/l), Manganese (1.39 mg/l), and Sodium (81 mg/l). Howard Drilling would also be responsible to provide treatment to bring your water within drinking water standards. It appears that they are currently in the process of providing this treatment. As a result, this concludes our investigation. Enclosed is a copy of the water test results.

If you have any further questions or concerns, or if any future issues arise, please contact me at 814-723-3273.

Sincerely,

*Richard A. Mader*

Richard A. Mader  
Water Quality Specialist  
Oil & Gas Management

Enclosures

cc: NWRO  
WDO

RAM:br:rm

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