pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DISTRICT OIL AND GAS OPERATIONS

March 25, 2013

[redacted]

Re: 58 Pa.C.S § 3218 Determination
Complaint No. 294115
Wilmot Township, Bradford County

Dear [redacted]

The Department has investigated the possible degradation of your water supply well located at [redacted] in response to a 1/2/2013 complaint that recent gas well drilling activities may have affected your water supply well. On 1/4/2013 the Department collected samples from your home water supply. The samples were submitted to the Department's laboratory in Harrisburg for analysis. The analytical reports for the samples are included, as well as documents that will assist you with interpreting the sample results.

The sample results show iron was detected in your water at 5.66 mg/L on 1/4/2013 exceeding the Secondary Maximum Contaminant Level (SMCL) of 0.3 mg/L and manganese was detected in your water at 0.35 mg/L on 1/4/2013 exceeding the SMCL of 0.05 mg/L. Iron was not detected above the laboratory detection limits in your water during the pre-drilling sampling while manganese was detected at 0.018 mg/L. In addition, aluminum was detected in your water at 4.62 mg/L on 1/4/2013 exceeding the secondary maximum contaminant level (SMCL) of 0.2 mg/L. Aluminum was not included in the laboratory analysis during the pre-drilling sampling. SMCLs are guidelines regulating compounds that may cause aesthetic effects (taste, odor, color) in drinking water.

Because drilling activities occurred at a gas well within two thousand five hundred feet of the your water supply, and the pollution occurred and was reported within one year after completion of the well, under Section 3218 of the Oil and Gas Act (58 Pa C.S. §3218), the gas well operator is presumed to be responsible for the degradation of your water supply. The Department's investigation indicates that your water well has been impacted by gas drilling activity.

The Department is continuing to work to permanently resolve this issue. Should you have any questions concerning this matter, please feel free to contact Eric Rooney, P.G. at 570-346-5543.

Sincerely,

Jennifer W. Means
Environmental Program Manager
Oil and Gas Management

Enclosures:
Laboratory Analytical Results
"How to Interpret A Water Analysis Report"