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pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DISTRICT OIL AND GAS OPERATIONS

February 21, 2013

Re: Complaint ID 292819, Charles Roloson
58 Pa.C.S § 3218 Determination
Burlington Township, Bradford County

Dear [REDACTED]

The Department has investigated the possible degradation of your water supply well located at [REDACTED] in response to an 8/9/2012 complaint that recent gas well drilling activities may have affected your water supply well. Samples from your water supply were collected on 8/9/2012 by a qualified third party, and submitted to accredited laboratories for analysis. A copy of those analytical results are included for your records. The sample results showed iron was present at 2.36 mg/L which exceeds the secondary maximum contaminant level (SMCL) of 0.3 mg/L. Primary MCLs are intended to reflect potential dangers to human health, while SMCLs reflect the aesthetics of the water (i.e. taste, smell, etc.).

Because unconventional well drilling activities occurred at a gas well within 2,500 feet of your water supply, and the pollution occurred and was reported within twelve months of completion of those activities, under section 3218(c) of the the Oil and Gas Act (58 P.S. §3218(c)), the gas well operator is presumed to be responsible for the degradation of your water supply.

On 9/24/2012, the Department collected additional 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 additional sampling indicates that any previous impact to your water supply appears to have been temporary, and that water quality has returned to background conditions.

Based on water quality sample results to date, the Department does not anticipate requiring any further action in relation to this matter. Should you have any questions, please feel free to contact Caleb Woolever at 570-327-0546.

Sincerely,

Jennifer W. Means
Environmental Program Manager
District Oil and Gas Operations

Enclosures:

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