



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DISTRICT OIL AND GAS OPERATIONS

11/26/2013

[REDACTED]

CERTIFIED MAIL NO. [REDACTED]

Re: 58 Pa.C.S § 3218 Determination  
Complaint No. 280023  
Moreland Township, Lycoming County

Dear [REDACTED]

The Department has investigated the degradation of your water supply well located located at [REDACTED] in response to a 5/20/2011 complaint that gas well drilling activities may have affected your water well. On 5/20/2011, the Department collected samples from your water supply. The samples were submitted to the Department's laboratory in Harrisburg for analysis. The analytical reports for the samples were previously submitted to you.

Additional samples were collected from your water supply by various parties between 5/19/2011 and 3/18/2013, and were submitted to the Department's laboratory and to an accredited third party laboratory for analysis. Tables illustrating the results of those samples are included, as well as documents that will assist you with interpreting the sample results. The sample results showed methane was present at between <0.026 and 21.7 mg/l in your water supply. The Department's investigation indicates that gas well drilling temporarily impacted your water supply, and that the 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 William J. Kosmer, P.G. at 570-974-2613.

Sincerely,

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

cc:

Jennifer Means  
William J. Kosmer, P.G.  
Dave Engle  
German Run Gas Migration File  
Sharon Steinbacher