



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHWEST REGIONAL OFFICE

August 28, 2013

CERTIFIED MAIL NO. [REDACTED]

Re : Section 3218 of the Oil and Gas Act, Water Supply Temporarily Affected  
Case No. ~~287891~~ 296020

[REDACTED]  
Forward Township, Butler County

Dear [REDACTED]

The Department has completed its investigation of the residential water supply identified above ("Water Supply"). Samples from the Water Supply were collected on October 6, 2011, April 17, 2013, and April 26, 2013, by the Department and a qualified third party, and submitted to Pennsylvania-accredited laboratories for analysis.

Based on review of the results of samples of the Water Supply taken, the Department determined that nearby gas well operations affected the Water Supply with Iron and Manganese. However, based upon the results of samples collected on July 22, 2013, the Department has determined that the Water Supply was temporarily affected, and that the quality of the Water supply has now returned to background conditions.

Copies of all the sample results are enclosed. Also enclosed is a copy of the guidance entitled "How to Interpret A Water Analysis Report" to assist you with interpreting these results.

Because the Water Supply has returned to pre-drill conditions, the Department does not anticipate requiring any further action regarding the Water Supply. In the meantime, please contact Brian MacQuarrie at 724.656.3460 if you have any questions about the Water Supply.

Sincerely,

S. Craig Lubins

Northwest District Oil and Gas Manager  
District Oil and Gas Operations

Enclosures: Reports of Laboratory Analyses of Water Supply Samples

cc: NWRO (through Scott Lux)  
NCDO (through Brian MacQuarrie)

SCL:SL:trs