



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

December 12, 2014

CERTIFIED MAIL: [REDACTED]

Re: 2012 Oil and Gas Act, 3218 Determination  
DEP Identifier 305257  
Connoquenessing Township, Butler County

Dear [REDACTED]

Enclosed you will find the sample results from the third Department sample taken at your water supply on October 21, 2014. Based on this sampling as compared with the predrilling sample, there are two parameters which are elevated at this time. Those parameters are manganese and iron.

The following fact sheets will allow you to interpret your results.

- <http://www.psiec.psu.edu/water/dwit.asp>
- <http://www.extension.psu.edu/water/converted-publications/how-to-interpret-a-water-analysis-report>
- [http://files.dep.state.pa.us/Water/BSDW/DrinkingWaterManagement/RegsStandardsResources/pa-mcls\\_06.pdf](http://files.dep.state.pa.us/Water/BSDW/DrinkingWaterManagement/RegsStandardsResources/pa-mcls_06.pdf)
- <http://water.epa.gov/drink/contaminants/secondarystandards.cfm>
- <http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-98327/5600-FS-DEP2690.pdf>

At this time, the Department's investigation indicates that drilling, altering or operating an oil or gas well has impacted your water supply. The Department is in contact with XTO Energy, Inc. personnel in order to discuss the restoration of your water supply. XTO Energy, Inc. is responsible to restore or replace your supply under §3218(a) of the 2012 Oil and Gas Act.

We will continue monitoring events in and around your area, and we will keep you updated. Should you have any questions concerning this matter, please contact me at 814.332.6860.

Sincerely,

S. Craig Lobins  
District Manager  
Northwest District Oil and Gas Operations

Enclosures

cc: [REDACTED] Regulatory Coordinator, XTO Energy Inc.  
Brian MacQuarrie  
Scott Lux  
Christine Miner  
[REDACTED]