



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

October 28, 2014

CERTIFIED MAIL NO. [REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

Re: 2012 Oil and Gas Act, Section 3218 Determination
DEP Identifier 306890
Farmington Township, Warren County

Dear [REDACTED]

The Department has investigated the possible degradation of your water supply located at [REDACTED]
[REDACTED]

On August 18, 2014 and September 25, 2014, 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.

From our investigation, it appeared that drill cuttings contaminated your water well during drilling operations conducted by New Horizon Oil Company while in the process of drilling [REDACTED] well. Water samples were taken on August 18, 2014 and again on September 25, 2014. Test results from the samples taken on August 18, 2014 showed elevated concentrations of iron, manganese, sodium, and chlorides. On September 25, 2014, the department resampled your water supply to confirm the initial findings. The test results were received on October 21, 2014 and showed that the iron, manganese, Sodium and Chlorides were back down to pre-drill levels or within drinking water standards.

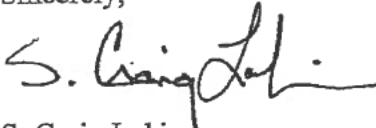
At this time, although your water well was temporarily impacted, the Department's investigation does not indicate that oil and gas well drilling has had any long term effect on your water supply.

Please refer to the following documents to assist you with interpreting the sample results:

<http://extension.psu.edu/water/converted-publications/how-to-interpret-a-water-analysis-report>
http://www.dep.state.pa.us/dep/deputate/watermgt/WSM/WSM_DWM/PA-MCLs_05.pdf
<http://water.epa.gov/drink/contaminants/secondarystandards.cfm>

If you have any questions, please contact Rick Mader of my staff at 814.723.0978.

Sincerely,



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

Enclosures: Laboratory Analytical Results

cc: R. Sheriff/R. Mader
Hydrogeologist
NWRO File through T. Opredek
New Horizon Oil

SCL:br