



December 9, 2014

CERTIFIED MAIL NO. [REDACTED]

[REDACTED]

Re: Section 3218 of the 2012 Oil and Gas Act, Water Supply Affected
Case No. 307002
Cranberry Township, Venango County

Dear [REDACTED]

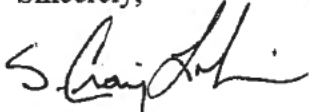
The Department of Environmental Protection (DEP) has completed its initial investigation of the Water Supply identified above. Samples for predrilling analyses from the Water Supply were collected on February 13, 2014, by a qualified third party (Penn E & R contracted sampler), and submitted to ALS Environmental Laboratories for analysis. Postdrilling samples were taken on June 5, 2014, August 20, 2014, and September 30, 2014, by DEP Water Quality Specialist Shawn Kiskadden and sent to the Pennsylvania-accredited laboratory. Based on the comparison of all analytical results, DEP has determined that the Water Supply was affected by elevated total dissolved solids, chloride, manganese, and aluminum. Total dissolved solids dropped to below drinking water standards during the second postdrilling event. Chloride went up in the initial post drilling sample from 5.9 mg/l in the predrill to 793.7 mg/l. It then decreased to 157.1 mg/l and 97.1 mg/l in the last two postdrill samples. Manganese went up from 0.43 mg/l in the predrill to 2.34 mg/l, 1.3 mg/l, and 1.84 mg/l in each of the subsequent postdrills, respectively. Aluminum was not sampled in the predrill analyses; however, it is elevated above drinking water standards to 4.61 mg/l, 0.641 mg/l, and 0.502 mg/l respectively in each of the subsequent postdrill analyses.

At this time, the water supply remains elevated in manganese and aluminum; however, it is evident that the quality of the water is improving. Plans have been made to return to the Water Supply in the spring in order to sample the quality at that time. This Water Supply case will not be closed until the spring's quality has resolved.

December 9, 2014

Copies of the analytical results for the Water Supply samples referenced in this letter were previously provided to you. There will be a final sampling which will take place in April of 2015. In the meantime, please contact Chris Miner at 814.332.6860 if you have any questions:

Sincerely,



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

cc: Matthew Duckett, Trimont Energy (w/encl.)
Shawn Kiskadden (w/encl.)
Scott Lux (w/encl.)
Joseph F. Lichtinger, P.G. (w/encl.)
Chris Miner (w/encl.)
File/Venango County Complaints DEP Identifier No. 307002 (w/encl.)

SCL:CJM:lsl