



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

March 3, 2015

CERTIFIED MAIL NO. [REDACTED]

Re: 58 Pa. C.S. § 3218 Notice of Presumption
Complaint No. 296362
Franklin Township, Bradford County

Dear [REDACTED]

The Department has initiated an investigation of the possible degradation of your water supply well located at the address above in Franklin Township, Bradford County in response to a complaint originally filed on 12/10/2012 (CID 293769) and reopened on 4/29/2013 (CID 296362) that recent gas well drilling activities may have affected your water supply well. On 7/18/2013, 6/23/2014, and 11/18/2014, the Department collected samples from your water supply prior to the treatment system installed on the 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 copies of the results are included for your records, as well as documents that will assist you with interpreting the sample results.

The pre-treatment sample results showed turbidity was present at 11.14 NTU on 7/18/2013, 9.85 NTU on 6/23/2014, and 7.44 NTU on 11/18/2014 which exceeded the primary maximum contaminant level (MCL) of 1 NTU. The primary MCL for turbidity is only applicable to unfiltered surface water sources. Iron and manganese exceeded the secondary maximum contaminant level (SMCL) in all pre-treatment samples collected by the Department. Primary MCLs are intended to reflect potential dangers to human health, while secondary MCLs reflect the aesthetics of the water (i.e. taste, smell, etc.).

On 11/18/2014, the Department collected samples from your water supply after the treatment system. No exceedences of Department standards were observed in the samples collected after treatment.

Because drilling activities occurred at a gas well within two thousand five hundred feet of your water supply, and the pollution occurred and was reported within one year after completion of those activities, under Section 3218 of the Oil and Gas Act (58 Pa C.S. §3218), the gas well operator is presumed to be responsible for the degradation of your water supply.

The Department is continuing to work to permanently resolve this issue. Should you have any questions concerning this matter, please feel free to contact Caleb Woolever at 570.327.0546.

Sincerely,



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

Enclosures:
Laboratory Analytical Results
"How to Interpret A Water Analysis Report"

cc:
Brendon Logan
David Engle
Matt Nuss
Caleb Woolever
Sharon Steinbacher

