File

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION
208 West Third Street, Suite 101
Williamsport, PA 17701-6448

November 15, 2010

Northcentral Regional Office

Fax 570-327-3565

CERTIFIED MAIL NO. [redacted]

Re: Act 223, Section 208 Determination
Complaint ID# 273403
Terry Township, Bradford County

Dear

In response to your August 12, 2010 complaint, the Department has investigated the possible pollution of your water supply (well) by oil or gas drilling activities.

On August 19, 2010, I sampled your water supply. The samples I collected were analyzed by our Bureau of Laboratories in Harrisburg. I have included, with this letter, a table summarizing the analyses completed from my sampling of your well, Chesapeake Appalachia's pre-drill water survey of your well (04/02/2010), and Chesapeake Appalachia's most recent sampling of your well (10/01/2010). Also enclosed is a fact sheet explaining maximum contaminant levels (MCLs) and interpretations of water sample results.

My August 19, 2010 sample of your well shows a concentration of Iron that exceeds your pre-drill survey level and drinking water maximum contaminant levels, while Chesapeake Appalachia's most recent sampling of your well shows concentrations of Iron and Manganese that exceed both your pre-drill survey levels and drinking water maximum contaminant levels. After carefully reviewing the sample results, and other information gathered during our investigation, the Department has determined that your water supply has been adversely affected by drilling activities conducted by Chesapeake Appalachia.

Pursuant to the provisions of Section 78.51 of the Department's rules and regulations (25 Pa. Code § 78.51), as enclosed, Chesapeake Appalachia must now develop a plan to restore or replace your existing private water supply if they cannot demonstrate that the impacts to your well are no longer existent. In the meantime, Chesapeake Appalachia is still responsible for providing you with an adequate (in both quality and quantity) alternative water supply source.

Should you have any questions, or require additional clarification, please contact me at 570-327-3680.

Printed on Recycled Paper

Sincerely,

Robert W. Everett III
Water Quality Specialist
NCRO Bureau of Oil and Gas Management

Enclosures: Table Summarizing Analytical Results from Water Supply Sampling
Copy of Penn State Article on "How to Interpret a Water Analysis Report"
Copy of PA DEP Drinking Water Maximum Contaminant Levels (MCLs) Chart
Copy of 25 Pa. Code § 78.51

cc: Jennifer W. Means (DEP BOGM Eastern Operations Program Manager)
John W. Ryder (DEP BOGM Eastern Operations Group Manager)
Tal Oden (Chesapeake Appalachia - via Certified Mail No. 7009 2820 0001 0910 1271)
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