pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

June 13, 2017

Mr. Gordon A. Grant, Jr.
338 Park Drive West
Kintnersville, PA 18930

Re: Nockamixon TCE HSCA Site
Sample Results

Dear Mr. Grant:

On May 17, 2017, the Pennsylvania Department of Environmental Protection (DEP) collected samples from the property located at 338 Park Drive West. DEP collected these samples to verify that Volatile Organic Compounds (VOCs) in the water supply continue to be removed by the filter system. The samples were analyzed for VOCs by the DEP Laboratory. Enclosed, please find copies of the sample results. The sample location (pre-, mid-, and post-filter) is indicated on each laboratory report. Below is a table showing the concentration of each detected compound and its respective Statewide Health Standard (SHS). All results are in micrograms per liter (µg/l or parts per billion - ppb).

338 Park Drive West				
Compound	**Pre**	**Mid**	**Post**	**SHS**
1,1,1-Trichloroethane	27.1	ND	ND	200
1,1,2-Trichloroethane	0.767	ND	ND	5
1.1-Dichloroethane	0.693	ND	ND	31
1.1-Dichloroethene	**42.5**	ND	ND	7
cis-1,2-Dichloroethene	23.6	ND	ND	70
Tetrachloroethene (PCE)	**91.7**	ND	ND	5
Trichloroethene (TCE)	**315**	ND	ND	5

ND- compound not detected

These results verify that your filter is effectively removing the site-related VOCs from your water supply. No VOCs were detected above the reporting limits in the mid- or post-filter samples.

As you are aware on August 15, 2011, DEP selected the response action to address affected water supply wells that included the Installation and Maintenance of Whole House Carbon Filtration Systems combined with Restrictions on the Use of Groundwater. After selecting the response action, DEP sampled and maintained your carbon filtration system for a period of one year. This period has ended.

An Environmental Covenant will be recorded with the deed on the property. Carbon filtration system maintenance requirements are detailed in the Activity and Use Limitations Section of the document. For your reference, they are listed below:

a. The then current owner shall not use the groundwater at the Property for any reason unless the groundwater first passes through the whole house carbon filtration system to be installed by DEP, or through an equivalent whole house treatment system, which shall be maintained in accordance with the manufacturer's specifications.

b. The Property's water supply is to be sampled at a location before and at a location after the carbon filtration system every three to five years, at a minimum.

c. The filters in the carbon filtration system shall be replaced every five years or in accordance with the manufacturer's specifications, which ever replacement interval is shorter, and shall be replaced immediately if post filter sampling indicates that the detectable levels of TCE and/or PCE exceed the then current safe drinking water standard promulgated by DEP.

Included in this letter is a Fact Sheet which describes the carbon filtration system installed on your property's water supply. Also, included is a list of certified drinking water laboratories located in the area. We recommend obtaining a minimum of three price quotes prior to selecting a laboratory.

If you have any questions, please feel free to contact me by e-mail at darmstrong@pa.gov or by telephone at 484.250.5723.

Sincerely,

Dustin A. Armstrong
Environmental Protection Specialist
Environmental Cleanup and Brownfields

Enclosures

cc: Nockamixon Township (w/o enclosures)
Bucks County Health Department (w/o enclosures)
Ms. Opdyke (electronic)
Re 30 (rc17ecb) 164.14