APPENDIX R-VI-1

RETTEW

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MEMORANDUM

TO: Sewer Committee

FROM: Ronald B. Madison, PE

CC:

DATE: September 13, 2010

PROJECT NAME: West Penn Township Act 537 Update **PROJECT NO.:** 08-03486-005

SUBJECT: Well Sampling and Analysis Results

As part of the Act 537 Sewage Facility Plan Update for West Penn Township, Schuylkill County, the Pa DEP Task Activity Report included Well Sampling and Analysis in each of the four Study Areas. This work was performed by Suburban Water Testing Labs. The specific results of each property must be kept confidential. However the statistical results will be reported as part of the Act 537 Update Report.

Suburban Water Testing Labs (SWTL) coordinated the well sampling for the four study areas and samples were collected and analyzed during the month of July 2010. The final lab results were completed on August 16, 2010. The analysis results were also presented within a spreadsheet prepared by SWTL dated August 25, 2010. The statistical results of this spreadsheet are summarized below.

Note that the required number of samples for each study area could not be achieved. The Pa DEP Task List was originally developed based upon 2003 property owner questionnaires. Since that time public water was provided to the South Tamaqua Village and portions of Clamtown/Reynolds Villages as well.

Suburban Water Testing Labs
Sampling Completed July, 2010

Study Area	No. of Samples/ No. Required	Total Coliform (Detected/Absent)	E. Coli (Detected/Absent)	Nitrate (Detected/Absent)*
1. S. Tamaqua	3/5	2/3, (67%)	0/3, (0%)	2/3, (67%)
2a. Clamtown 2b. Reynolds	14/19	7/14, (50%)	2/14, (14%)	10/14, (71%)
3. Andreas	12/12	10/12, (83%)	2/12, (17%)	0/12, (0%)
4. Snyders	5/5	2/5, (40%)	1/5, (20%)	2/5, (40%)

*Nitrate as detect above 1.0 mg/l.

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