

APPENDIX M:

WVSA and Plains Twp. capacity letters

Distribution JM



WWSA

WYOMING VALLEY SANITARY AUTHORITY

April 21, 2011

Jeremy Nelson, P.E.
Reilly Associates
49 S. Main Street
Pittston, PA 18640

RECEIVED

APR 27 2011

REILLY ASSOCIATES

Re: Bear Creek Township Act 537 Plan
Sewer Capacity

Dear Mr. Nelson:

Be advised that the Wyoming Valley Sanitary Authority (WVSA) has sufficient treatment capacity to service the estimated 150,000 gallons per day of sanitary sewage generated by the proposed connection of 600 EDU's in Bear Creek Township to the existing sewer system in Plains Township. In addition WVSA Pump Station 9B and down stream interceptor has capacity. No overload exists or is projected within five years at WVSA.

Regarding the DEP Chesapeake Bay Tributary Strategy Implementation Plan, WVSA may still require you to purchase Nutrient Credits sufficient to offset nutrient loads from this project. This opinion will remain in effect at least until a full compliance year has been completed under DEP Cap Load requirements. In addition we would expect to receive any septic tank removal credits from this project that fall into the Chesapeake Bay Water Shed. Please advise as to the physical location and number of these units. We would expect that I and I testing and inspection would be completed under this new project to insure that excessive rain or ground water does not find its way into your new sanitary sewer system which is to be completely separated. Also as you know the local municipalities must be contacted and approval given for their local collection and conveyance system capacity.

Approval is contingent upon receipt of estimated project flows within a one-year period. Additional flows or flows not connected within a one year period will require reapproval.

Very truly yours,

Fred DeSanto
Executive Director

cc:
Sandy Bartosiewicz

Recipient
Governor's
Award
for
Environmental
Excellence

Component 3 –Section I PADEP Planning Module Clarification

The effluent nutrient limits as proposed in this section for the wastewater treatment facility are currently identified in WVSA's permit. Under the permit nutrient limits will not take effect until October 2010. WVSA has submitted a plan to meet the CAP load limits as identified in the Department's Chesapeake Bay strategy.



ENGINEERING / ENVIRONMENTAL / SURVEYING

April 19, 2011

Wyoming Valley Sanitary Authority
P.O. Box 33A
Wilkes-Barre, PA 18703-1333

Attn: Mr. Jim Tomaine
Deputy Executive Director

RE: Bear Creek Township
WVSA Capacity Request

Mr. Tomaine,

On behalf of Bear Creek Township, in relation to the Act 537 Plan update for Bear Creek Township, we are requesting sewer capacity for approximately 600 EDUs (150,000 GPD) to the WVSA sanitary sewer system. We are requesting capacity for WVSA Pumping Station 9B and the following conveyance lines which will accept the proposed additional flow:

- 18" Force Main
- 20" Force Main (common line for Pump Stations 9A and 9B)
- 30" Gravity R.C.S.P. (Pump Stations 9, 9A, and 9B flows)
- 48" Gravity R.C.S.P.
- 60" Gravity R.C.S.P.
- 54" Gravity Elliptical R.C.P. (around Flood Control Pump Station)
- 72" Gravity R.C.P. to WVSA Treatment Plant

We are requesting written correspondence to confirm that the aforementioned pump station and sewage conveyance lines have adequate capacity to serve this additional sewage flow. Please clarify if WVSA expects that the requested flows will result in the need to upgrade either the interceptor or pump station.

Concerning WVSA treatment capacity for the proposed project, please find enclosed your original letter dated August 10, 2009 stating that there is sufficient treatment capacity and no overload exists or is projected to exist within five years at WVSA. The letter states that additional flow or flows not connected within a one year period will require reapproval.

We are also requesting written correspondence to confirm that WVSA has sufficient treatment capacity to service this additional flow. Within the requested written correspondence, based off



of statements made in the original treatment capacity letter, please clarify if WWSA will require Bear Creek Township to purchase Nutrient Credits sufficient to offset nutrient loads from this project.

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,

REILLY ASSOCIATES

Jeremy Nelson, P.E.
Project Engineer

Enclosures

Cc: Bear Creek Township (w/o enclosures)
PA DEP – Scott Novatnak (w/ enclosures)

Z:\08117\ACT 537 PLAN\2011-4-19 ltr WWSA request conveyance capacity.doc



WVSA

**WYOMING VALLEY
SANITARY AUTHORITY**

April 27, 2010

Jeremy, Nelson, P.E.
Reilly Associates
49 S. Main Street
Pittston, PA 18640

Re: Bear Creek Township
Sewer Capacity

Dear Mr. Nelson:

Be advised that we have looked at the 150,000 gallons per day of sanitary sewage to be generated by the proposed connection of 600 EDU's in Bear Creek Township. Our pumping station 9B and interceptor have capacity to except this additional flow. No overload exists or is projected within five years.

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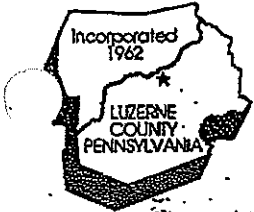
Very truly yours,

A handwritten signature in dark ink, appearing to read "Fred DeSanto", is written over the typed name.

Fred DeSanto
Executive Director

cc:
James Tomaine

distribution #11

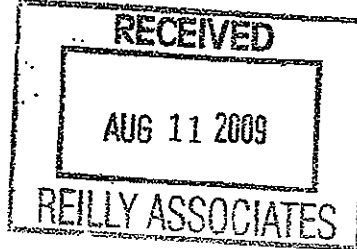


WVSA

WYOMING VALLEY SANITARY AUTHORITY

August 10, 2009

Jeremy Nelson, P.E.
Reilly Associates
49 S. Main Street
Pittston, PA 18640



Re: Bear Creek Township Act 537 Plan
Sewer Capacity

Dear Mr. Nelson:

Be advised that the Wyoming Valley Sanitary Authority (WVSA) has sufficient treatment capacity to service the estimated 150,000 gallons per day of sanitary sewage generated by the proposed connection of 600 EDU's in Bear Creek Township to the existing sewer system in Plains Township. No overload exists or is projected within five years at WVSA.

Under the DEP Chesapeake Bay Tributary Strategy Implementation Plan, WVSA may require you to purchase Nutrient Credits sufficient to offset nutrient loads from this project. In addition, the local municipality must be contacted for collection and conveyance system capacity.

If it is determined that the requested flow results in the need to upgrade either the interceptor or pump station(s) the developer agrees to contribute to the cost of the upgrade in proportion to its flow contribution to the overall capacity of the station.

Approval is contingent upon receipt of estimated project flows within a one-year period. Additional flows or flows not connected within a one year period will require reapproval.

Very truly yours,

Fred DeSanto
Executive Director

cc:
Sandy Bartosiewicz

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Component 3 –Section I PADEP Planning Module Clarification

The effluent nutrient limits as proposed in this section for the wastewater treatment facility are currently identified in WVSA's permit. Under the permit, nutrient limits will not take effect until October 2010. WVSA has submitted a plan to meet the CAP load limits as identified in the Department's Chesapeake Bay strategy.

Sewer Authority of the Township of Plains

195 South River Street
Plains, Pa 18705

570-824-1902 FAX NO 570-824-1830

June 15, 2011

Bear Creek Township Board of Supervisors
3333 Bear Creek Boulevard
Bear Creek Township PA 18702

RE: Bear Creek Township Act 537 Plan

Dear Ladies and Gentlemen:

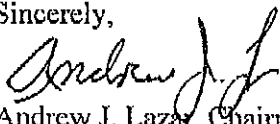
At the regularly scheduled meeting of the Sewer Authority of the Township of Plains held May 13, 2011, the Board discussed the information as submitted by Reilly Associates concerning the flow metering study and capacity calculations, and reviewed by the Authority's engineers, Michael J. Pasonick, Jr. Inc.

Based upon the information submitted to our engineers and the Board, this correspondence is to inform you that the sanitary sewer system of the Sewer Authority of the Township of Plains possesses sufficient capacity to accept and transfer the sanitary sewer flow from Bear Creek Township through the lines of the Sewer Authority of the Township of Plains, not to exceed 150,000 gallons per day. To the best of the Authority's knowledge, information and belief, this capacity presents no overload to its existing sanitary sewer system, nor does the Authority anticipate any overload of the same for the next five (5) years.

It is strict intention of this correspondence to confirm capacity only of the sanitary sewer system of the Sewer Authority of the Township of Plains, and in no way is to be construed as either an agreement of any type between Bear Creek Township and the Sewer Authority of the Township of Plains, or permission to connect, until an Agreement is finalized between the parties. In order to commence preparation of such an Agreement, please provide a complete set of construction plans/drawings detailing the sewer connection, materials and location, etc. to the Board at your earliest opportunity.

If you have any questions concerning this matter, do not hesitate to contact us.

Sincerely,



Andrew J. Lazar, Chairman