

Certification Under section 1511 of the American Recovery and Reinvestment Act

Pursuant to Title XV, Subtitle A, section 1511 of the American Recovery and Reinvestment Act (Pub. L. 111-5 (Feb. 17 2009)) ("ARRA") I, Paul J. Morris, Chairman, Penns Grove Sewerage Authority, hereby certify that the following infrastructure investment has received the full review and vetting required by law and that I accept responsibility that the infrastructure investment is an appropriate use of taxpayer dollars. I further certify that the specific information required by Section 1511 concerning these investments is as follows:

Project Title: Sanitary Sewer System Rehabilitation, Contract No. 2009-01

Project Description: The existing sanitary sewer system is facing problems typically due to infiltration and inflow (I&I) resulting from the deteriorated conditions of sanitary mains and manholes. Due to I&I, the wastewater flow increases appreciably during rainfalls. These high flows pose potential environmental and compliance problems for the Authority. The existing sanitary system O&M cost is greatly impacted due to the prevailing problems in the system. The I&I is causing additional influent to the treatment plant and also consuming existing sewer main capacity and has resulted in additional operating cost for the treatment proportional to the clean water entering into the system. Costs associated with processing the added clean water from infiltration and inflow are eventually passed back to the consumer in the form of rate increases. By reducing I&I, capital and operating costs can be lowered. Minimizing I&I will increase the lifetime capacity of the treatment facility and wastewater transportation system.

The existing sanitary system problems include:

- Sewer lines are filled with grit deposition and sedimentation resulting in reduced capacity
- Sewer pipes clogged with grease
- Sunken sewer pipes.
- Manholes have structural problems and are source of inflow due settlement of the frame and cover.
- Buried manholes and collapsed lines.
- Shallow sewers with negligible slope.

The proposed improvements include the following:

- Televising the existing sewer mains for identification of nature and magnitude of existing problems.
- Cleaning and lining of existing sewer mains.
- Refurbishing of existing manholes.
- Point repairs of existing sewer mains.
- Replacement of existing sewer mains with larger mains.