



THE GATEWAY ENGINEERS, INC.

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October 18, 2012
C-17749-1218

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ALCOSAN
3300 Preble Avenue
Pittsburgh, PA 15233

ATT: Tim Prevost, P.E.
Manager of Wet Weather Programs

RE: Comments to the ALCOSAN Wet Weather Report
Township of Upper St. Clair

Dear Tim,

On behalf of the Township of Upper St. Clair, we reviewed the ALCOSAN Wet Weather Report, and submit the following comments:

1. Section 9.3.3 Page 9-80 reads as follows – “In some cases, even after the follow-through coordination was completed, information from a particular municipality was still incomplete, was judged to be unreliable or a preferred control strategy could not be clearly identified. In these cases, the basin planner assumed a control strategy, assumed a level of control and the associated costs, and/or identified areas within the existing municipal sewer system that had adequate hydraulic capacity to convey peak wet weather flow to the ALCOSAN system and where no capital improvements or control facilities were required.” This same assumption is stated throughout the report.

Comment: The report stated that ALCOSAN made assumptions for POC C-53, C-53-10, C-55-02 and C-54-16. The Township of Upper St. Clair does not have any flow contributing to C-54-16. Please refer to Complex Sewershed Draft POC Feasibility Study Submittals dated July 31, 2012 for POC’s C-53, C-53-10 and C-54-16 indicating that a total of \$35.9 million of upsizing and parallel relief sewers and force mains are proposed. The various projects will be split between the Township of Upper St. Clair, Municipality of Mt. Lebanon, Municipality of Bethel Park, and Bridgeville Borough. The Township of Upper St. Clair portion is approximately \$24 million.

2. Section 11 indicates throughout that Municipalities will start construction immediately following the approval of the Feasibility Plans.

Comment: If the Municipalities complete their construction projects prior to ALCOSAN’s projects, how will the additional flows be handled? If ALCOSAN’s line cannot (due to not being constructed or not being part of the Recommended Plan) accept the flows, Municipal flows could create new hydraulic issues to their systems or in downstream Municipalities.

3. The Wet Weather Plan assumes an annual cost per municipality of \$210 per customer based on a uniform distribution of all the municipal costs. This number appears to be about half that which would be expected from the Township of Upper St. Clair projects and thus resulting in a residential indicator of 1.3%. These numbers will be further refined based on debt service, annual operation and maintenance costs, financing options, etc. as part of the financial impact section of the Township of Upper St. Clair feasibility study report due in July 2013.

If you have any questions or need further clarification, do not hesitate to contact us.

Sincerely,
THE GATEWAY ENGINEERS, INC.



Emily Jo Gaspich, P.E., LEED AP,
Project Manager – Feasibility Study

cc: Township of Upper St. Clair Board of Commissioners
Matthew R. Serakowski, Township Manager
George Kostelich, Public Works Director
Ruthann L. Omer, P.E., Township Engineer