



THE GATEWAY ENGINEERS, INC.

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October 19, 2012
C-17749-1203

ALCOSAN
3300 Preble Avenue
Pittsburgh, PA 15233

ATT: Dan Lockard, P.E.

RE: Comments to the ALCOSAN Wet Weather Report
Bridgeville Borough

Dear Dan:

On behalf of Bridgeville Borough, we have reviewed the ALCOSAN Wet Weather Report and we have 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-53-06, C-53-10, and C-55-02. Bridgeville Borough does not have any flow contributing to C-55-02. Bridgeville has proposed upsizing of the sanitary sewers contributing to C-54. Additionally, please refer to Complex Sewershed Draft POC Feasibility Study Submittals dated July 31, 2012 for POC C-53-10 indicating that a total of \$9.1 million of upsizing and parallel relief sewers are proposed. The project will be split between Bridgeville Borough, the Township of Upper St. Clair, and the Municipality of Bethel Park. The Bridgeville portion of the proposed projects is approximately \$2.7 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



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the flows, municipal flows could create new hydraulic issues to their systems or in downstream municipalities.

3. We have reviewed the cost estimates and the residential indicator of 2.1%, and do not see a major issue with this estimate. However, these numbers will be further refined based on debt service, annual operation, maintenance costs, and financing options, etc. as part of the financial impact section of Bridgeville Borough's 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: Lori Collins, Borough of Bridgeville Manager
Joseph H. Sites, P.E., Borough Engineer