



THE GATEWAY ENGINEERS, INC.

400 HOLIDAY DRIVE, SUITE 300
PITTSBURGH, PA 15220-2727
412.921.4030 PHONE
412.921.9960 FAX

www.gatewayengineers.com

October 18, 2012
C-17749-1210

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
Borough of Heidelberg

Dear Tim,

On behalf of the Borough of Heidelberg we reviewed the ALCOSAN Wet Weather Report, 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 had sufficient information for POC C-46, but made assumptions for POC C-50 to use the existing system. Heidelberg does not have any flow contributions to POC C-50, all Heidelberg customers are connected to the C-46 sewershed

2. Section 10.1 Page 10-2 reads as follows – “This 2026 Plan assumes municipalities will implement all of their planned improvements by 2026 to eliminate municipal SSOs and control municipal CSOs by 2026, bringing substantial improvement to local tributaries streams.”

Comment: The affordability analysis indicates that not all projects can be complete under the Selected Plan, and therefore not all SSOs will be eliminated in areas where no improvements are being made by ALCOSAN. How will these SSOs be handled? If every municipality decides to convey flows to ALCOSAN but no work is being completed in the basin, will new or increased SSOs be created?

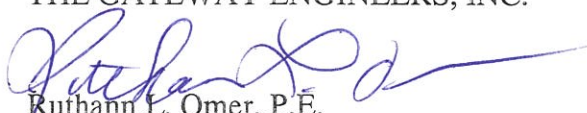
3. Section 11 indicates throughout that Municipalities will start construction immediately following the approval of the Feasibility Plans.

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.

4. In July of 2011, Heidelberg submitted collection system upsizing and improvements costing approximately \$529,000. We have reviewed the proposed layout of the new ALCOSAN sewers in the Chartiers Creek Sewershed and have become aware that ALCOSAN is proposing a relief sewer along Route 50 through Heidelberg. Heidelberg would like to discuss the possibility of connecting excess storm water flows to the ALCOSAN relief sewer at the intersection of Route 50 and Collier Street in Heidelberg. With this connection, Heidelberg could potentially save approximately 90% of the work needed within the Borough.
5. 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 double that which would be expected from the Heidelberg projects and thus resulting in a residential indicator of 2.7%. 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 Heidelberg 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.



Ruthann L. Omer, P.E.
Project Manager – Feasibility Study

cc: Borough Council
Joe Kauer, Borough Manager
Michael Kaleugher, Borough Solicitor
Richard D. Minsterman, Borough Engineer