



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 19, 2012
C-17750-2012

ALCOSAN
3300 Preble Avenue
Pittsburgh, PA 15233

ATT: Dan Lockard, P.E.

RE: Comments to the ALCOSAN Wet Weather Report
Borough of Ingram

Dear Dan:

On behalf of the Borough of Ingram, we have reviewed the ALCOSAN Wet Weather Report and have the following comments:

1. Section 10.8 Page 10-54 indicates that the tank at will be installed in Crafton Borough. The report reads "...Flows in excess of the RTB's 118 MGD treatment capacity will be shunted around the RTB without disinfection, discharging to Chartiers Creek through a new outfall which also conveys the RTB's treated effluent. Untreated overflows will occur no more than four times in the typical year."

Comment: How many times is it anticipated to treat and discharge a year? How will the odor and noise at the facility be controlled? Could this cause additional flooding downstream based on increase flow to the area?

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 downstream municipalities.

3. We understand that there are no projects proposed within Ingram Borough as part of the ALCOSAN Wet Weather Plan.
4. We have reviewed the financial impact listed for Ingram. The estimated residential indicator does appear to be in line with our projected costs. However, the Borough will evaluate alternative financing and funding alternatives as part of the Ingram Feasibility



GATEWAY

On Call. On Time. On Target.

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Study due to the ACHD in July 2013, which will hopefully reduce the financial impact to the residents and businesses in Ingram.

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

Sincerely,
THE GATEWAY ENGINEERS, INC.

Richard D. Minsterman, P.E.
Borough Engineer

cc: Borough Council
Debbie Stecko, Borough Secretary

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