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October 26, 2012

Ms. Arietta Scott Williams, Executive Director
Allegheny County Sanitary Authority
3300 Preble Ave
Pittsburgh, PA 15233

Subject: ALCOSAN Draft Wet Weather Plan

Dear Ms. Williams:

Please find below the Borough of Castle Shannon's (Borough) official comments regarding the ALCOSAN Draft Wet Weather Plan (DWWP).

1. It should be noted that the ALCOSAN DWWP identifies the Borough as tributary to the following points of connection.
 - C-53, MH-89, SMR-CS-03A, SMR-CS-03B, SMR-CS-06, SMR-CS-08, SMR-CS-14, SMR-CS-16-INFL1, SMR-CS-16-INFL2, SMR-CS-20, SMR-CS-27, SMR-CS-31, SMR-CS-34, SMR-CS-37, SMR-CS-42, SMR-CS-43, SMR-CS-46, SMR-CS-50 and SMR-CS-52

This information appears incorrect. It appears that SMR-CS-03A and SMR-CS-03B should be labeled as SMR-CS-02 and SMR-CS-03, respectively.

2. The ALCOSAN WWP indicates flow from Pittsburgh enters SMR-CS-03A, which is incorrect.
3. Also the DWWP identifies, SMR-CS-42 as a POC. Our records indicated that it is not. There are however two POC's in that area not identified in the ALCOSAN WWP that should be labeled SMR-CS-41A and SMR-CS-42A. This may be simply a manhole numbering discrepancy between ALCOSAN's and Castle Shannon's numbering system.
4. The ALCOSAN DWWP also does not identify Castle Shannon POC's SMR-CS-33 (small area behind Adorn Drapery), SMR-CS-39A (Canal Street lift station area), and SMR-CS-54 (a minor amount of Castle Shannon sewers are tributary to Bethel Park then conveyed to ALCOSAN SMR-CS-54).

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5. Table 3-33 of the DWWP identifies the Borough as the owner of the SMR-CS-42 sanitary sewer overflow (SSO). The ownership of the SSO is in question. The SSO is physically located in Castle Shannon Borough, but the majority of flow tributary to this SSO is contributed by Mount Lebanon physically through Castle Shannon.
6. The alternatives analysis performed for the Borough's points of connection assumed free discharge to the ALCOSAN system. Under the ALCOSAN recommended plan, it is not proposed to extend any ALCOSAN facilities to the points of connection that the Borough is tributary to. What restrictions will exist at these points if no facilities are being proposed by ALCOSAN? Who will be responsible for any overflows that occur at the point of connection?
7. The ALCOSAN DWWP assigns a value of \$530 million dollars for municipal improvements and then spreads these costs evenly among all of the municipalities within the ALCOSAN service area. It was not clear what the source of the \$530 million dollar value is. There is a figure provided that shows the proposed municipal projects, however a corresponding table that lists the projects along with the costs for each would be helpful. Aside from a small portion of the improvements for the MH-89 connection, no municipal improvements are proposed by the Borough. Therefore, the cost for municipal improvements for the Borough in the DWWP should be much less than what is currently shown.
8. In relation to municipal improvements, increased conveyance is shown in Bethel Park tributary to ALCOSAN's Saw Mill Run interceptor. If Bethel Park moves forward with this alternative and additional capacity is not available in the ALCOSAN Saw Mill Run interceptor, will this result in additional overflows in Castle Shannon Borough?
9. Appendix B of the DWWP presents Average Dry and Wet Weather Flow in gallons per day for each of ALCOSAN's points of connection. Is it ALCOSAN's intent to hold the communities tributary to each point of connection to that flow rate? It should be noted that Borough has previously provided ALCOSAN with hydrographs that show the flow rates for various design storms for each of the Borough's points of connections. It is suggested that a column be added to this table or a separate table be added to the DWWP that shows the peak wet weather rate for each POC that ALCOSAN has designed its facilities for.

Sincerely,



Thomas C. Hartswick
Manager