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**CASTLE SHANNON BOROUGH
WORK-IN-PROGRESS
October 26, 2015**

1. Municipal Tasks:

a. 2015 Road Program (General Fund and Liquid Fuels) Status:

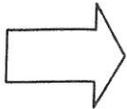
- Michael Facchiano Contracting, Inc. Paving operations have been completed; final restoration, final walk-through, street signage and contract close-out remain.

b. MS-4 Status (Storm Sewers):

- The Borough applied for a General National Pollutant Discharge Elimination System (NPDES) permit renewal in September 2012. By letter dated February 12, 2015, PaDEP has clarified that Castle Shannon is operating under the March 16, 2013 General Permit.
- There is an existing nutrient Total Maximum Daily Load (TMDL) on Saw Mill Run established by EPA in June 2008. A TMDL Plan was sent in to PaDEP in September 2012 by LSSE.
- By letter dated February 12, 2015, PaDEP requested that Castle Shannon (and other Saw Mill Run tributary MS-4's) revise the TMDL "Plan" and develop a TMDL "Strategy". The strategy, response letter, proof of advertisement and 30-day review and comment period is due to PaDEP on December 31, 2015.
 - In collaboration with the Saw Mill Run Watershed association, each municipality (PWSA, Mt. Lebanon, Dormont, Whitehall, Bethel Park etc.) is preparing their own individual response, however using the same technical criteria for compliance (e.g. 6 permit terms or 30-years). LSSE will be preparing Castle Shannon's strategy and will forward over advertisement language by November 7, 2015 for a 30-day review and comment period.
 - PWSA through Economic Development South (EDS) has funded the Saw Mill Run Watershed Coordinator position (Lisa Werder-Brown). PWSA/EDS is currently working on the Saw Mill Run Integrated Stormwater Management Plan on behalf of all of the participant municipalities. This plan is intended to evaluate the costs of Combined Sewer/Sanitary Sewer Overflow control with those costs of MS-4 BMP's to identify the best practicable, cost-effective plan to address water quality issues. PWSA is doing Saw Mill Run as a pilot study that they can adapt to other PWSA watersheds. See below for additional PWSA discussion. The study is anticipated to be completed by the end of 2017.
 - The TMDL Plan will be required to be sent to PaDEP by the end of 2017.
- Other completed MS-4 activities in FY 2015
 - Updated MS-4 Stormwater Management Ordinances adopted by Council on July 13, 2015
 - MS-4 Prohibited Discharge Ordinance adopted by Council on July 13, 2015.



- MS-4 Minimum Control Measure (MCM) Plan adopted by Council on July 13, 2015.
- MS-4 Annual Report (March 10, 2014 to March 9, 2015) was submitted to PaDEP on behalf of the borough on June 8, 2015.
- Mock Audit performed on June 23, 2015 with LSSE and borough staff.
- Current/on-going activities:
 - Borough is expanding target audience in MCM No. 1-Public Education and Outreach on Stormwater Impacts.
 - Annual inlet/catch basin inspection and cleaning
 - Culvert Entry for MS-4 testing – LSSE
 - Collaboration with Saw Mill Run Watershed Association

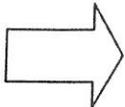
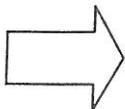


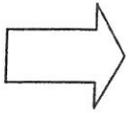
2. Developments:

- a. Ellison Place – Construction is on-going. Refer to LSSE letter dated October 22, 2015 pertaining to bond reduction.
- b. Castle Court – Resubmittal including stormwater management revisions were received within the last two weeks. LSSE currently reviewing. Sewage facilities planning module forms have been submitted to PaDEP for approval.
- c. Willow Avenue - Sewage facilities planning module forms have been submitted to PaDEP for approval.

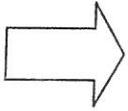
3. Environmental (Sanitary Sewer System)

- a. 2004 Administrative Consent Order – Expired on March 30, 2015
 - Feasibility Study in Conjunction with an ALCOSAN Enforcement Order – Submitted in July 2013. ACHD issued letter dated June 20, 2014 indicating “*the ACHD has reviewed.....and determined that it includes these minimum requirements*” of Paragraph 15(d) of the ACO. Task completed.
 - Operation and Maintenance (O/M) Plan Implementation
 1. Year 1 (2012 O/M Program) – Completed.
 2. Year 2 (2013 O/M Program) - Completed
 3. Year 3 (2014 O/M Program) – Contract No. 14-S1 (Re-bid) was awarded to Jet Jack, Inc. Construction is underway, approximately 40 % complete. Spot excavation work to be completed by Thanksgiving with spot and full liner work to be completed by the end of the year.
 4. Year 4 (2015 O/M Program) – LSSE developed scope and Service Order Authorization by letter dated September 30, 2015. Work is focused around the Vallevista, Rockwood and Vermont Street areas.
 - ALCOSAN Wet Weather Plan – Submitted on January 31, 2013
 - a. Proposed Facilities:
 - i. Selected Plan – \$3.6B
 - ii. Interim Plan – \$2.0B by 2030/2032??
 - b. EPA Meeting – June 17, 2014
 - i. Regionalization – On-going coordination
 - ii. Flow Targets – On-going coordination
 - iii. Water Quality – Consent Decree Negotiation
 - iv. Adaptive Management – 6 year check in periods.

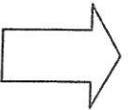




- c. ALCOSAN Regulatory Coordination Progress Update – October 15, 2015
- i. Water-quality based “Grey backbone” current alternative negotiated in Consent Decree
 - ii. ALCOSAN acknowledged PWSA efforts to lead region through source flow reduction process – extended invitation to November 6, 2015 meeting at PWSA.
 - iii. Estimated flows not captured and preliminary flow targets by January 2016.
 - iv. Set final flow targets by January 2017.
 - v. Referenced 3RWW, 3WG Source Flow Reduction and Flow Targets Committee.
 - vi. ALCOSAN to make \$85.0M available for Source Flow Reduction and Green Stormwater Infrastructure.
 - vii. Continue with regionalization activities – conclude end of FY 2016. Castle Shannon participating:
 1. Sleepy Hollow Trunk Sewer
 2. James Street Trunk Sewer
 3. Rockwood Avenue Trunk Sewer



b. Temporary Corrective Action Plan (CAP) – PaDEP approved Castle Shannon’s request to be placed under a Temporary CAP until the Phase I Consent Order and Agreements are negotiated. This allows the borough to approve and PaDEP to approve Sewage Facilities Planning Modules for new land developments.



c. Phase I Consent Order and Agreement – By letter dated October 15, 2015; PaDEP/ACHD forwarded the final version of the Phase I COA to the municipalities for resolution approval and execution of the order by December 15, 2015. The Phase I COA requires:

- Source Reduction Study on part of System by December 1, 2017
- Source Reduction Demonstration Project by August 1, 2017