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MEMO

To: Members of the Council
From: Eric J. Earls, P.E. City Engineer
Date: January 4, 2017
Subject: Resolution – R-16-24

Pursuant to Resolution – R-16-24, the Engineering Division presents the following updates relevant to the City's on-going stormwater management:

1. Mapping – Mapping will continue in the northern and western portions of the City. All structures will be mapped by the end of 2018. Available documentation associated with the mapping project is available for public viewing at the Warwick Library, 600 Sandy Lane.
2. Dry-weather monitoring – The dry-weather monitoring period began on January 1 and will continue through April 30. The Engineering Division has been conducting monitoring in the southeastern portion of the City as weather allows.
3. Street Sweeping – All streets have been swept at least once. Roads requiring sweeping twice annually, as identified by the RIDEM in the Consent Decree, have also been completed. Sweeping will recommence in the spring.
4. Catch Basin Cleaning – The City's DPW has cleaned and inspected approximately one-third of the City's catch basins, in accordance with the RIDEM Consent Agreement.
5. Projects:
 - a. Brushneck Cove Infiltration Project – Completed. Funding from RIDEM (\$50,000)
 - b. Suburban Parkway – Construction in progress. Funding for this project is from New England Interstate Water Pollution Control Commission (\$180,000).
 - c. Dry well installation – Completed.
 - d. Tuscatucket Brook – The Engineering Division has met with RIAC regarding installation of best management practices (BMPs) associated with this water body. We are discussing expanding existing easements to accommodate

BMPs in areas where RIAC acquisitions overlap with the City's drainage infrastructure.

- e. Buckeye Brook – The Engineering Division received two submissions for the Request for Proposals associated with Buckeye Brook remediation. We are currently working with the consultant to confirm the scope of the project. We anticipate recommending award of this RFP within the next few weeks. The language included in that RFP is included below:

The City of Warwick is seeking proposals from qualified consultant / engineering firms experienced in performing bathymetric studies and stream remediation. The successful proposer shall be responsible for research; field work, project coordination (Rhode Island Airport Corporation (RIAC), RIDEM, City, etc.); and scope of work determination for the purpose of acquiring all necessary permits required to reestablish the natural streambed.

6. Public Outreach

- a. Friends of Warwick Ponds (FOWP) – The Engineering Division is working with FOWP on various outreach activities, including mailings and door hangers to inform residents about stormwater issues specific to the health of Warwick Pond.
- b. Southern Rhode Island Conservation District (SRICD) – The Engineering Division has been discussing outreach opportunities with SRICD, regarding a citywide approach to informing the public about general stormwater issues, as well as more specific concerns in identified areas, i.e. bacteria at Oakland Beach, nutrients at Warwick Pond, etc.

Please feel free to contact me with any questions.

cc: David Picozzi, DPW –Director/Chief of Staff
Bruce Keiser, Mayor's Office/Chief of Staff