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## MEMO

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

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

1. Annual Report – Comments were received and a public meeting was held. The report, with comments, was submitted to the RIDEM on March 3, 2017.
2. 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. The City's consultant has begun mapping the northern portion of the City. This area will be completed by the end of 2017.
3. 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. The consultant will also be monitoring during the mapping in the northern area of the City.
4. Street Sweeping – This year's street sweeping program began the week of April 3<sup>rd</sup>. All streets will be swept at least once. Roads requiring sweeping twice annually, as identified by the RIDEM in the Consent Decree, will be swept twice.
5. 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.
6. Projects:
  - a. Suburban Parkway – Construction in progress. Funding for this project is from New England Interstate Water Pollution Control Commission (\$180,000). Anticipate June 2017 completion.



- b. Dry well installation – Per the Consent Agreement, the City is required to install four deep sump catch basins on, two each on Almy Street and Liverpool Street. The DPW will complete this work in the Summer of 2017.
- c. 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.
- d. Buckeye Brook –The "Notice to Proceed" has been issued to EA Engineering, Science, & Technology, Inc., PBC (EA). The City will be having a kickoff meeting with EA shortly to discuss the project scope and roles. 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.*

#### 7. Public Outreach

- a. Friends of Warwick Ponds (FOWP) – The Engineering Division, working with FOWP, has purchased door hangers with information pertaining to storm water management for the purpose of informing residents about stormwater issues specific to the health of Warwick Pond. FOWP will distribute these to households and businesses on and around 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