

# Radnor Township

## PROPOSED LEGISLATION

**DATE:** February 21<sup>st</sup>, 2017

**TO:** Radnor Township Board of Commissioners

**FROM:** Stephen F. Norcini, P.E., Director of Public Works

**CC:** Robert A. Zienkowski, Township Manager  
William M. White, Finance Director  
Stephen J. McNelis, Superintendent of Solid Waste & Highway

**LEGISLATION:** **Resolution #2017-38** – Authorization for Mobile Dredging and Pumping, Incorporated, to Perform Cleaning and Sediment Removal at the Township's Stormwater Management System by the Radnor Fire Company, and the Poplar Avenue Culvert

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**LEGISLATIVE HISTORY:** This item has not been before the Commissioners previously.

**PURPOSE AND EXPLANATION:** The Public Works Department inspected the Stormwater Management System (SWM) that we installed by the Radnor Fire House (decades ago). The system (two (2) rows of 48" RCP, +/- 70' long) is approximately 50% full of sediment and debris. This SWM system is in need of sediment and debris removal, as well as cleaning (jetting). At approximately a two-foot-thick layer, the most efficient method of cleaning is with equipment the Township does not own, hence the proposal from Mobile Dredging and Pumping.

The Poplar Road Culvert has sediment building up on the downstream side of the culvert, approximately 1.5' to 2' in height. We have cleaned this in the past, and we are trying to be proactive in addressing the sediment removal. The cost proposal is attached, and but breaks down as follows:

Radnor Fire House – SWM System, owned and maintained by Radnor Township:  
Fee includes spoil transportation, estimated labor, and spoil disposal. \$19,970.

Poplar Avenue Culvert:  
Fee includes estimated labor, hauling, disposal at the Township's site. \$2,150.

**IMPLEMENTATION SCHEDULE:** Pending Board of Commissioners approval, the Public Works Department will process a purchase order. Upon receipt of the purchase order, the contractor will schedule this work to be completed in 1-2 weeks.

**FISCAL IMPACT:** These two projects will be funded by the "04-04421" Stormwater Fund.

**RECOMMENDED ACTION:** *I respectfully request that the Board of Commissioners Authorize Mobile Dredging and Pumping, Incorporated, to Perform Cleaning and Sediment Removal at the Township's Stormwater Management System by the Radnor Fire Company, and the Poplar Avenue Culvert, for the fee of \$22,120.*

Enclosure: Mobile Dredging Proposal

**RESOLUTION NO. 2017-38**

**A RESOLUTION OF RADNOR TOWNSHIP, DELAWARE COUNTY, PENNSYLVANIA, AUTHORIZING MOBILE DREDGING AND PUMPING, INCORPORATED, TO PERFORM CLEANING AND SEDIMENT REMOVAL AT THE TOWNSHIP'S STORMWATER MANAGEMENT SYSTEM BY THE RADNOR FIRE COMPANY, AND THE POPLAR AVENUE CULVERT**

*WHEREAS*, Radnor Township owns and maintains a stormwater management system at the Radnor Fire Company

*WHEREAS*, Radnor Township owns and maintains the culvert over Gulph Creek, at Poplar Avenue

*WHEREAS*, both of the aforementioned items are in need of sediment and debris removal

*WHEREAS*, Mobile Dredging and Pumping, Incorporated, has submitted a cost proposal to perform said work

*NOW, THEREFORE*, be it **RESOLVED** by the Board of Commissioners of Radnor Township does hereby Authorize Mobile Dredging and Pumping, Incorporated, to Perform Cleaning and Sediment Removal at the Township's Stormwater Management System by the Radnor Fire Company, and the Poplar Avenue Culvert, for the fee of \$22,120

**SO RESOLVED** this 27<sup>th</sup> day of February, A.D., 2017

**RADNOR TOWNSHIP**

By: \_\_\_\_\_

Name: Elaine P. Schaefer  
Title: President

ATTEST: \_\_\_\_\_

Robert A. Zienkowski  
Manager/Secretary