



CITY OF AMESBURY
IN THE YEAR TWO THOUSAND EIGHTEEN

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AMESBURY CITY CLERK

SPONSORED BY:

C. Kenneth Gray, Mayor

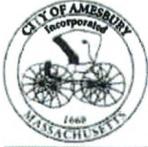
BILL No. 2018-043

An Order to appropriate \$112,000 from Sewer Enterprise Fund retained earnings for the purpose of replacing a sludge pipe at the wastewater treatment facility.

Summary: This order proposes to appropriate \$112,000 from Sewer Enterprise Fund retained earnings for the purpose of replacing a sludge pipe at the wastewater treatment facility. The pipe is essential to the wastewater treatment operation.

Be it Ordered by the City Council of the City of Amesbury assembled, and by the authority of the same, as follows:

That \$112,000 is hereby appropriated from Sewer Enterprise Fund retained earnings for the purpose of replacing a sludge pipe at the wastewater treatment facility.



Dept. of Public Works
Highway, TPC (Tree/Park/Cemetery), Water, Sewer,
Engineering, Refuse/Recycling & Snow/Ice Divisions

Robert L. Desmarais, P.E., Director
Department of Public Works
City of Amesbury
39 South Hunt Road
Amesbury, MA 01913

May 3, 2018

Mayor Gray,

Re: Return Activated Sludge Piping

The Amesbury Sewerage Plant had experienced many failures of the Return Activated Sludge piping in the last 18 months. This pipe, which was not replaced during the 2003 upgrade to the plant, was installed in 1974. The pipe takes "live" sludge from the settling basins and sends it back to the aeration basins to seed the incoming sewerage with bacteria. The plant which runs 24/7 without interrupt will not process sewerage without this pipe.

In the late spring of 2017 the pipe had several failures filling the pipe gallery with sewerage. Sewer Department crews used wrap around sleeves to repair the leaks. After three leaks within 2 months it became apparent the pipe was failing and needed to be replaced.

Engineering on the replacement began in July of 2017 at a cost of \$6,813.18. Bids were received July 27, 2017, with the low bidder of the four bids received being Methuen Construction Company at a cost of \$111,985. The work was completed in October of 2017.

The total project cost of \$118,798.18 was paid out of the FY 2018 sewer budget. Several capital items were stopped in order to adsorb the cost. However, we will unlikely be able to meet the established budget. Therefore I request we a transfer from the Sewer Retained Earnings to make the budget whole.

Sincerely,

Robert Desmarais, P.E.

CITY OF AMESBURY, MASSACHUSETTS

REPAIR OF RETURN SLUDGE PIPING FOR AMESBURY WWTF
CONTRACT No. 101s

July 2017



Prepared By:

MPH Environmental, Inc.
104 Cross Street
Andover, Massachusetts



Beginning Fund Balance	1,547,056.00	528,978.02	1,129,721.08	600,000.00	559,037.00
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Relevant Bill Number	Project/Use	Free Cash	Smart Growth Stab Fund	General Stab Fund	Proceeds from Real Estate	Sewer Retained Earnings
2017-105	S. Hunt Traffic Study	(40,000.00)				
2018-001	Free Cash Transfer for Capital	(232,280.00)				
2018-001	Free Cash Transfer for Retirement Buyouts	(117,098.00)				
2018-023	Streetlight Purchase	(57,000.00)				
2018-024	Roads/Sidewalks	(200,000.00)				
2018-035	Snow & Ice	(387,720.00)				
2018-036	MS4 Consulting & Temps		(47,300.00)			
2018-037 & 2018-038	School SPED supplemental			(200,000.00)		
2018-039	Appropriation to General Stabilization	(200,000.00)		200,000.00		
2018-040	Payment of indebtedness (M.G.L. c. 44 § 63)				(232,280.00)	
2018-041	Closing Out Inactive Accounts	(44,477.34)				
2018-042	AFD Overtime	(200,000.00)				
2018-043	Sewer Retained Earnings: Sludge Pipe					(112,000.00)

Total Appropriation	(1,478,575.34)	(47,300.00)	0.00	(232,280.00)	(112,000.00)
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Remaining Fund Balance	68,480.66	481,678.02	1,129,721.08	367,720.00	447,037.00
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