

Stormwater Utility 10-Year Program Cost Estimate (December, 2017)

	Year 1*	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	FY19*	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
	* reflects a half year, beginning January 1, 2019									
Operating Costs										
(total # FTEs)	19.4	20.4	20.4	20.4	22.4	22.4	23.4	23.4	23.4	23.4
Program Management/Administration	\$92,983	\$190,739	\$197,072	\$202,281	\$219,976	\$225,963	\$232,219	\$238,762	\$245,611	\$252,786
Regulation and Enforcement	\$553,144	\$1,222,541	\$1,263,284	\$1,296,864	\$1,458,804	\$1,498,780	\$1,636,392	\$1,682,887	\$1,731,577	\$1,782,609
Watershed and TMDL Compliance	\$66,714	\$136,742	\$141,179	\$144,783	\$203,813	\$209,171	\$214,760	\$220,595	\$226,692	\$233,068
Pollution Prevention	\$15,980	\$32,752	\$33,812	\$34,671	\$35,813	\$36,751	\$37,728	\$38,749	\$39,815	\$40,929
Infrastructure Management	\$113,635	\$233,036	\$240,710	\$246,995	\$276,980	\$284,421	\$292,191	\$300,312	\$308,808	\$317,703
Other (contracted services)	\$109,076	\$111,802	\$114,597	\$117,462	\$120,399	\$123,409	\$126,494	\$129,656	\$132,898	\$136,220
Overhead	\$18,844	\$38,631	\$39,596	\$40,586	\$46,674	\$47,841	\$54,367	\$55,727	\$57,120	\$58,548
Indirect Costs (2%)	\$19,408	\$39,325	\$40,605	\$41,673	\$47,249	\$48,527	\$51,883	\$53,334	\$54,850	\$56,437
TMDL Compliance										
Chesapeake Bay TMDL compliance	\$400,000	\$800,000	\$400,000		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Local TMDL compliance	\$250,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Green Infrastructure										
Assessment/Pilot Project	\$50,000	\$50,000								
Watershed planning		\$200,000		\$200,000		\$200,000		\$200,000		\$200,000
Watershed capital projects/Triage			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Grey Infrastructure										
System Inspection/Cleaning/Mapping	\$104,441	\$214,105	\$219,457	\$179,955	\$69,170	\$70,900	\$72,672	\$74,489	\$76,351	\$78,260
Pipe Repairs	\$100,000	\$447,074	\$458,250	\$469,707	\$481,449	\$427,286	\$437,969	\$448,918	\$460,141	\$471,644
Pipe rehabilitation/replacement	\$0	\$401,833	\$411,879	\$422,176	\$432,730	\$443,548	\$466,003	\$477,653	\$489,594	\$501,834
Open Channel Maintenance/Repairs	\$111,665	\$228,914	\$234,637	\$240,502	\$246,515	\$252,678	\$258,995	\$265,470	\$272,106	\$278,909
Dam Safety			\$78,750	\$322,500						
Total Estimated Annual Expense	\$2,005,891	\$4,847,492	\$4,873,829	\$4,960,156	\$5,139,574	\$5,369,274	\$5,381,673	\$5,686,551	\$5,595,563	\$5,908,948