

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

	Year 1 FY19	Year 2 FY20	Year 3 FY21	Year 4 FY22	Year 5 FY23	Year 6 FY24	Year 7 FY25	Year 8 FY26	Year 9 FY27	Year 10 FY28
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	\$185,966	\$190,739	\$197,072	\$202,281	\$219,976	\$225,963	\$232,219	\$238,762	\$245,611	\$252,786
Regulation and Enforcement	\$1,106,289	\$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	\$133,428	\$136,742	\$141,179	\$144,783	\$203,813	\$209,171	\$214,760	\$220,595	\$226,692	\$233,068
Pollution Prevention	\$31,961	\$32,752	\$33,812	\$34,671	\$35,813	\$36,751	\$37,728	\$38,749	\$39,815	\$40,929
Infrastructure Management	\$227,270	\$233,036	\$240,710	\$246,995	\$276,980	\$284,421	\$292,191	\$300,312	\$308,808	\$317,703
Other (contracted services)	\$218,151	\$223,605	\$229,195	\$234,925	\$240,798	\$246,818	\$252,988	\$259,313	\$265,796	\$272,441
Overhead	\$37,688	\$38,631	\$39,596	\$40,586	\$46,674	\$47,841	\$54,367	\$55,727	\$57,120	\$58,548
Indirect Costs (3%)	\$58,223	\$62,341	\$64,345	\$66,033	\$74,486	\$76,492	\$81,619	\$83,890	\$86,263	\$88,743
TMDL Compliance										
Chesapeake Bay TMDL compliance	\$800,000	\$800,000			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Local TMDL compliance	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Green Infrastructure										
Assessment/Pilot Project	\$100,000									
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	\$208,883	\$217,238	\$225,928	\$62,665	\$65,171	\$67,778	\$70,489	\$73,309	\$76,241	\$79,291
Pipe Repairs	\$100,000	\$447,074	\$464,957	\$483,555	\$502,897	\$377,659	\$392,765	\$408,476	\$424,815	\$441,808
Pipe rehabilitation/replacement	\$0	\$401,833	\$417,906	\$434,623	\$452,007	\$470,088	\$401,833	\$417,906	\$434,623	\$452,007
Open Channel Maintenance/Repairs	\$223,330	\$232,264	\$241,554	\$251,216	\$261,265	\$271,716	\$282,584	\$293,888	\$305,643	\$317,869
Dam Safety										
			\$78,750	\$322,500						
Total Estimated Annual Expense	\$3,931,189	\$4,938,794	\$4,638,288	\$5,021,697	\$5,338,685	\$5,513,477	\$5,449,937	\$5,773,813	\$5,703,002	\$6,037,801

* all staff involved in implementing water resource programs (multiple departments)