

# **Cash Flow Projections FY 2025 to FY 2034**

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**CAPITAL IMPROVEMENT PROGRAM**  
FY25 TO FY34 (\$,000)  
Based on Program Cost Estimates (Project Contingencies not Included)

	Regulatory Type	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	Proj Exp to Prev Yr	Sum FY25 to FY34	Est Program Cost
<b>Administration</b>														
PR_AD012500 Cybersecurity Practice and Procedure Initiative	None	\$4,127	\$3,783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,590	\$7,910	\$15,500
PR_AD012600 Central Environmental Laboratory Expansion and Rehabilitation	None	\$12,055	\$12,672	\$12,672	\$1,204	\$13	\$0	\$0	\$0	\$0	\$0	\$4,048	\$38,617	\$42,665
PR_AD012700 Capital Improvement Program Labor Program	None	\$0	\$5,400	\$5,886	\$6,180	\$6,489	\$6,814	\$7,154	\$7,512	\$7,888	\$8,282	\$0	\$61,605	\$61,605
PR_AD012730 Capital Improvement Program Internal Labor FY25	None	\$4,909	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,909	\$4,909
<b>Administration Subtotal</b>		<b>\$21,091</b>	<b>\$21,855</b>	<b>\$18,558</b>	<b>\$7,384</b>	<b>\$6,503</b>	<b>\$6,814</b>	<b>\$7,154</b>	<b>\$7,512</b>	<b>\$7,888</b>	<b>\$8,282</b>	<b>\$11,638</b>	<b>\$113,041</b>	<b>\$124,679</b>
<b>Army Base</b>														
PR_AB010000 Army Base 24-Inch and 20-Inch Transmission Main Replacements	None	\$0	\$0	\$1,593	\$6,372	\$4,789	\$30	\$0	\$0	\$0	\$0	\$2,320	\$12,784	\$15,103
PR_AB010500 Section W Force Main Replacement	None	\$1,600	\$1,070	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$207	\$2,677	\$2,885
PR_AB011900 Army Base Treatment Plant Administration Building Renovation (2021)	None	\$7,496	\$635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,698	\$8,131	\$9,829
PR_AB012100 Army Base Treatment Plant Generator Control Replacement	None	\$1,407	\$2,001	\$518	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$185	\$3,926	\$4,111
PR_AB012200 Army Base Treatment Plant PdNA Process Conversion	None	\$0	\$1,672	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,672	\$1,672
<b>Army Base Subtotal</b>		<b>\$10,502</b>	<b>\$5,378</b>	<b>\$2,118</b>	<b>\$6,372</b>	<b>\$4,789</b>	<b>\$30</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,410</b>	<b>\$29,189</b>	<b>\$33,599</b>
<b>Atlantic</b>														
PR_AT011520 Shippo Corner Pressure Reducing Station Modifications	Rehab Plan Phase Two	\$219	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,252	\$219	\$1,471
PR_AT011900 Great Bridge Interceptor Extension 16-Inch Replacement	Rehab Plan Phase Two	\$5,550	\$6,930	\$57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$692	\$12,538	\$13,230
PR_AT012920 Atlantic Treatment Plant Access Road Extension	None	\$1,300	\$430	\$5,865	\$3,730	\$28	\$0	\$0	\$0	\$0	\$0	\$923	\$11,352	\$12,275
PR_AT013000 Washington District Pump Station Area Sanitary Sewer Improvements	Rehab Plan Phase Two	\$3,525	\$33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,240	\$3,559	\$9,798
PR_AT013010 Washington District Pump Station Replacement	Rehab Plan Phase Two	\$5,076	\$5,076	\$5,076	\$1,746	\$46	\$0	\$0	\$0	\$0	\$0	\$1,247	\$17,020	\$18,267
PR_AT013110 South Norfolk Area Gravity Sewer Improvements, Phase II	Rehab Plan Phase Two	\$4,593	\$1,914	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$787	\$6,507	\$7,294
PR_AT013700 Atlantic Trunk Interceptor Force Main Relocation (VDOT Laskin Road Betterment)	None	\$0	\$172	\$57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$193	\$229	\$422
PR_AT014000 Lynnhaven-Great Neck IFM (SF-021) Relocation	None	\$362	\$1,818	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$355	\$2,185	\$2,540
PR_AT014100 Suffolk Regional Landfill Transmission Force Main	None	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,641	\$4,000	\$5,641
PR_AT014301 Chesapeake I-I Reduction Phase II	Integrated Plan-HPP 1	\$1,449	\$5,317	\$5,492	\$5,492	\$2,746	\$0	\$0	\$0	\$0	\$0	\$0	\$20,496	\$20,496
PR_AT014303 Chesapeake Pump Station Capacity Improvements (AT-HPP-01C)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PR_AT014304 Chesapeake Gravity Main Capacity Improvements	Integrated Plan-HPP 2	\$0	\$0	\$0	\$11	\$21	\$21	\$21	\$21	\$21	\$21	\$0	\$137	\$137
PR_AT014600 Kempsville Interceptor Force Main Replacement - Phase I	None	\$0	\$207	\$557	\$2,402	\$3,840	\$1,615	\$0	\$0	\$0	\$0	\$0	\$8,621	\$8,621
PR_AT015200 Cedar Road Interceptor Force Main Replacement Phase I	None	\$4	\$171	\$405	\$1,920	\$2,935	\$1,270	\$0	\$0	\$0	\$0	\$1	\$6,705	\$6,707
PR_AT015300 High Priority Projects Round 2 Project 2	Integrated Plan-HPP 2	\$0	\$0	\$0	\$47	\$94	\$94	\$94	\$94	\$94	\$94	\$0	\$608	\$608
PR_AT015400 Doziers Corner Pump Station Replacement	Rehab Plan Phase Two	\$1,120	\$2,881	\$2,881	\$2,881	\$2,173	\$38	\$0	\$0	\$0	\$0	\$456	\$11,975	\$12,431
PR_AT015500 ATP Secondary Clarifier Effluent Weir Replacement and Enhancements	None	\$664	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,661	\$664	\$2,325
PR_AT015800 Atlantic Treatment Plant Liquid Side Odor Evaluation and Improvements	None	\$127	\$212	\$207	\$207	\$207	\$191	\$9	\$0	\$0	\$0	\$891	\$1,160	\$2,051
PR_AT015900 Atlantic Treatment Plant Gravity Belt Thickener & Pre-Dewatering Polymer Improv	None	\$195	\$689	\$873	\$873	\$873	\$804	\$46	\$0	\$0	\$0	\$78	\$4,352	\$4,430
PR_AT016000 Atlantic Treatment Plant Odor and Solids Improvements 2023	None	\$3,188	\$21,968	\$23,362	\$23,956	\$24,118	\$24,267	\$23,983	\$0	\$0	\$0	\$1,050	\$144,843	\$145,892
PR_AT016100 Atlantic Treatment Plant Solids Curing Facility and Pad Improvements	None	\$685	\$1,875	\$2,283	\$2,283	\$2,283	\$2,097	\$46	\$0	\$0	\$0	\$124	\$11,553	\$11,676
PR_AT016300 Cedar Road Interceptor Force Main Replacement Phase II	None	\$0	\$0	\$338	\$667	\$4,282	\$6,938	\$3,008	\$0	\$0	\$0	\$0	\$15,233	\$15,233
PR_AT016400 Great Bridge Interceptor Force Main Emergency Replacement (SF-180)	None	\$5,294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$542	\$5,294	\$5,836
PR_AT016500 Atlantic Treatment Plant Digester Improvements	None	\$1,920	\$3,882	\$3,513	\$3,513	\$3,513	\$3,228	\$88	\$0	\$0	\$0	\$0	\$19,656	\$19,656
PR_AT016600 Great Bridge Blvd IFM (SF-164) Segmental Replacement at Oak Bridge-Glenleigh	None	\$622	\$700	\$117	\$6,221	\$1,555	\$0	\$0	\$0	\$0	\$0	\$0	\$9,215	\$9,215
PR_AT016700 Providence Road IFM (SF-165) Segmental Replacement at Depositor Lane	None	\$55	\$149	\$1,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,304	\$1,304
<b>Atlantic Subtotal</b>		<b>\$39,948</b>	<b>\$54,423</b>	<b>\$52,188</b>	<b>\$55,948</b>	<b>\$48,714</b>	<b>\$40,563</b>	<b>\$27,294</b>	<b>\$115</b>	<b>\$115</b>	<b>\$115</b>	<b>\$18,133</b>	<b>\$319,423</b>	<b>\$337,556</b>
<b>Boat Harbor</b>														
PR_BH013020 Willard Avenue Pump Station Replacement	None	\$5,697	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,431	\$5,703	\$17,134
PR_BH014220 Hampton Trunk Sewer Extension Divisions I and J Relocation Phase II	None	\$1,088	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,900	\$1,090	\$16,990
PR_BH014600 46th Street Diversion Sewer Rehabilitation/Replacement	Rehab Plan Phase Two	\$146	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,257	\$147	\$11,404
PR_BH014610 46th Street Diversion Sewer Rehabilitation Replacement, HII-NNS	Rehab Plan Phase Two	\$1,931	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,769	\$1,931	\$3,700
PR_BH014900 Hampton Trunk Sewer Extension Division K Gravity Improvements	Rehab Plan Phase Two	\$1,024	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,278	\$1,030	\$2,307

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PR_BH015700 Boat Harbor Treatment Plant Pump Station Conversion	Integrated Plan-SWIFT	\$75,220	\$31,333	\$3,633	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,217	\$110,186	\$177,403
PR_BH015710 Boat Harbor Treatment Plant Transmission Force Main Section 1 (Subaqueous)	Integrated Plan-SWIFT	\$63,794	\$578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$78,703	\$64,372	\$143,075
PR_BH015720 Boat Harbor Treatment Plant Transmission Force Main Section 2 (Land)	Integrated Plan-SWIFT	\$24,592	\$13,004	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,969	\$37,596	\$40,565
PR_BH015730 Boat Harbor Treatment Plant Decommission and Demolition	Integrated Plan-SWIFT	\$603	\$2,323	\$15,118	\$16,906	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,950	\$34,950
PR_BH015802 Claremont Pump Station Upgrade (BH-HPP-01B)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255	\$493	\$0	\$747	\$747
PR_BH015803 Chesapeake Avenue Interceptor Improvements (BH-HPP-01C)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$401	\$645	\$0	\$1,046	\$1,046
PR_BH016100 High Priority Projects Round 2 Project 3	Integrated Plan-HPP 2	\$0	\$0	\$0	\$111	\$222	\$222	\$1,121	\$1,152	\$942	\$5,078	\$0	\$8,847	\$8,847
PR_BH016200 Inflow Reduction Program-Phase II	None	\$530	\$2,462	\$3,000	\$3,000	\$803	\$0	\$0	\$0	\$0	\$0	\$582	\$9,795	\$10,377
PR_BH016300 Bayshore Pump Station Replacement	None	\$0	\$0	\$0	\$0	\$0	\$0	\$310	\$840	\$6,255	\$6,255	\$0	\$13,660	\$13,660
<b>Boat Harbor Subtotal</b>		<b>\$174,625</b>	<b>\$49,715</b>	<b>\$21,751</b>	<b>\$20,017</b>	<b>\$1,025</b>	<b>\$222</b>	<b>\$1,431</b>	<b>\$1,992</b>	<b>\$7,853</b>	<b>\$12,471</b>	<b>\$191,106</b>	<b>\$291,100</b>	<b>\$482,206</b>
<b>Chesapeake-Elizabeth</b>														
PR_CE011300 Birchwood Trunk 24-Inch and 30-Inch FM at Independence Blvd Replacement Ph II	Rehab Plan Phase Two	\$1,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$497	\$1,726	\$2,224
PR_CE011600 Poplar Hall Davis Corner Trunk 24-Inch Gravity Sewer Improvements	Rehab Plan Phase Two	\$2,033	\$262	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$278	\$2,295	\$2,573
PR_CE011810 Chesapeake-Elizabeth Treatment Plant Decommissioning	None	\$481	\$5,458	\$6,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,273	\$12,391	\$13,664
PR_CE011841 Oceana Off-line Storage Facility Land Acquisition	None	\$532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$222	\$532	\$754
PR_CE011850 Atlantic Service Area Automated Diversion Facilities Phase I	None	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,635	\$150	\$1,785
PR_CE012100 Witchduck Road Interceptor Force Main Improvements	None	\$0	\$119	\$462	\$1,849	\$3,032	\$2,274	\$0	\$0	\$0	\$0	\$0	\$7,736	\$7,736
<b>Chesapeake-Elizabeth Subtotal</b>		<b>\$4,922</b>	<b>\$5,839</b>	<b>\$6,914</b>	<b>\$1,849</b>	<b>\$3,032</b>	<b>\$2,274</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,905</b>	<b>\$24,831</b>	<b>\$28,736</b>
<b>Eastern Shore</b>														
PR_ES010100 Eastern Shore Infrastructure Improvements - Transmission Force Main Phase I	None	\$9,380	\$42	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,042	\$9,422	\$49,464
PR_ES010300 Onancock Treatment Plant Administration Building Upgrade	None	\$114	\$87	\$184	\$4,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,515	\$4,515
PR_ES010400 Northern Accomack Wastewater Conveyance, Treatment, and Disposal Study	None	\$173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$307	\$173	\$480
PR_ES010500 Chincoteague Treatment Plant Improvements	None	\$2,412	\$4,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$568	\$6,530	\$7,098
PR_ES010600 Onancock Meter Replacement	None	\$2,290	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$207	\$2,290	\$2,497
PR_ES010800 Onancock Treatment Plant Solids Handling Improvements	None	\$2,520	\$4,678	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,087	\$7,220	\$8,307
PR_ES010900 Riverside Nassawadox Treatment Plant Decommissioning	None	\$838	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171	\$843	\$1,014
PR_ES011000 Onancock Pump Station Improvements	None	\$100	\$125	\$717	\$717	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,658	\$1,658
<b>Eastern Shore Subtotal</b>		<b>\$17,827</b>	<b>\$9,054</b>	<b>\$922</b>	<b>\$4,846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42,382</b>	<b>\$32,650</b>	<b>\$75,032</b>
<b>James River</b>														
PR_JR011730 Jefferson Avenue Interceptor Force Main Replacement Phase III	None	\$3,962	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,408	\$3,963	\$20,371
PR_JR013200 Lucas Creek-Woodhaven Interceptor Force Main Replacement Phase II	None	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,327	\$500	\$3,828
PR_JR013400 James River Treatment Plant Advanced Nutrient Reduction Improvements	Integrated Plan-SWIFT	\$54,546	\$48,716	\$19,094	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$129,597	\$122,357	\$251,953
PR_JR013401 James River Treatment Plant MIFAS Conversion Emergency	None	\$715	\$357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,023	\$1,072	\$6,095
PR_JR013410 James River Treatment Plant Outfall Modifications	Integrated Plan-SWIFT	\$222	\$580	\$89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$459	\$891	\$1,350
PR_JR013500 Lucas Creek Pump Station Replacement	Rehab Plan Phase Two	\$8,077	\$2,021	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,816	\$10,099	\$21,915
PR_JR013610 James River Treatment Plant Automation Improvements Phase I	None	\$3	\$3	\$3	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$10,056	\$9	\$10,065
PR_JR013700 Newport News I-I Reduction	Integrated Plan-HPP 1	\$796	\$3,987	\$4,545	\$4,545	\$2,273	\$0	\$0	\$0	\$0	\$0	\$0	\$16,146	\$16,146
PR_JR014000 Center Avenue Force Main Replacement	None	\$0	\$0	\$0	\$0	\$0	\$1,381	\$2,442	\$16,174	\$1	\$1	\$0	\$20,000	\$20,000
PR_JR014100 James River Treatment Plant Viewshed Improvements	Integrated Plan-SWIFT	\$147	\$66	\$234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$447	\$447
PR_JR014200 Kiln Creek Interceptor Force Main Replacement	None	\$851	\$0	\$7,447	\$2,485	\$1	\$0	\$0	\$0	\$0	\$0	\$220	\$10,785	\$11,005
PR_JR014300 Morrison Pump Station Replacement	None	\$0	\$625	\$1,375	\$3,446	\$4,794	\$3,997	\$3	\$0	\$0	\$0	\$0	\$14,239	\$14,239
PR_JR014400 James River Treatment Plant Primary Clarifier Pipe Rehabilitation	None	\$0	\$0	\$336	\$564	\$2,815	\$2,602	\$22	\$0	\$0	\$0	\$0	\$6,339	\$6,339
PR_JR014410 James River Treatment Plant Primary Clarifier Pipes (1 and 2)	None	\$550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550	\$550
PR_JR014500 JRTP Digester and Thickening Building Heating Systems Replacements	None	\$3	\$343	\$830	\$3,978	\$4,329	\$420	\$0	\$0	\$0	\$0	\$0	\$9,904	\$9,904
<b>James River Subtotal</b>		<b>\$70,371</b>	<b>\$56,701</b>	<b>\$33,956</b>	<b>\$15,019</b>	<b>\$14,211</b>	<b>\$8,400</b>	<b>\$2,466</b>	<b>\$16,174</b>	<b>\$1</b>	<b>\$1</b>	<b>\$176,905</b>	<b>\$217,302</b>	<b>\$394,207</b>
<b>Middle Peninsula</b>														
PR_MP011700 Middle Peninsula Interceptor Systems PS Control and SCADA Upgrades/Enhancements	None	\$11	\$11	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,481	\$30	\$2,512
PR_MP013300 King William Treatment Plant Improvements Phase II	None	\$4,549	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,231	\$4,554	\$6,785
PR_MP013500 Middlesex Collection System-Cooks Corner	None	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,435	\$1	\$3,436

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PR_MP013710 Middlesex Interceptor System Program Phase II-Saluda Pump Station	None	\$987	\$988	\$988	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$408	\$2,964	\$3,372
PR_MP013720 Middlesex Interceptor System Program Phase II-Hartfield Pump Station	None	\$2,340	\$2,342	\$2,342	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$652	\$7,025	\$7,677
PR_MP013730 Middlesex Interceptor System Program Phase II-Transmission Force Main	None	\$10,385	\$10,386	\$10,387	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$12,665	\$31,159	\$43,824
PR_MP013810 Middlesex Interceptor System Program Phase III (Deltaville)	None	\$0	\$0	\$2,056	\$4,093	\$10	\$0	\$0	\$0	\$0	\$0	\$521	\$6,159	\$6,681
PR_MP014700 Small Communities Rehabilitation Phase IV	None	\$350	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,203	\$352	\$2,555
PR_MP014800 Small Communities Rehabilitation Phase V	None	\$451	\$239	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$487	\$695	\$1,182
PR_MP015000 Sharon Road Gravity Sewer Improvements	None	\$742	\$327	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$157	\$1,071	\$1,227
PR_MP015100 West Point Pump Station 4 (Thompson Avenue) Rehabilitation	None	\$591	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,306	\$593	\$1,899
PR_MP015300 King William Central Crossing Pump Station Rehabilitation	None	\$1,495	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$446	\$1,629	\$2,076
PR_MP015500 Small Communities Rehabilitation Phase VI	None	\$1,592	\$1,409	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$542	\$3,005	\$3,547
PR_MP015600 West Point Treatment Plant Final Effluent Pump Station Improvements	None	\$574	\$2,780	\$20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$3,374	\$3,584
PR_MP015610 West Point Treatment Plant Generator Installation	None	\$517	\$612	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,130	\$1,130
PR_MP015700 West Point Treatment Plant Secondary Clarifier Improvements	None	\$385	\$2,780	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$157	\$3,175	\$3,332
PR_MP015800 King William Main Pump Station Improvements	None	\$302	\$2,922	\$1,250	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$268	\$4,480	\$4,748
PR_MP015900 Middle Peninsula Wastewater Master Plan	None	\$224	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$176	\$224	\$400
<b>Middle Peninsula Subtotal</b>		<b>\$25,495</b>	<b>\$24,940</b>	<b>\$17,072</b>	<b>\$4,103</b>	<b>\$10</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,345</b>	<b>\$71,620</b>	<b>\$99,965</b>
<b>Nansemond</b>														
PR_NP010620 Suffolk Pump Station Replacement	Rehab Plan Phase Two	\$11,451	\$13,725	\$8,633	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,765	\$33,808	\$37,572
PR_NP012400 Western Branch Sewer System Gravity Improvements	Rehab Plan Phase Two	\$5,022	\$3,897	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337	\$8,919	\$9,257
PR_NP013000 Nansemond Treatment Plant Motor Control Center Replacements	None	\$1,637	\$273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,349	\$1,909	\$3,258
PR_NP013700 Nansemond Treatment Plant Struvite Recovery Facility Improvements	None	\$11,198	\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,787	\$12,135	\$41,921
PR_NP013820 Nansemond Treatment Plant Advanced Nutrient Reduction Improvements Phase II	Integrated Plan-SWIFT	\$138,933	\$23,563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$140,144	\$162,496	\$302,639
PR_NP013901 Chesapeake I-I Reduction Phase I	Integrated Plan-HPP 1	\$1,923	\$9,298	\$10,882	\$10,882	\$5,441	\$0	\$0	\$0	\$0	\$0	\$0	\$38,427	\$38,427
PR_NP014000 Wilroy Pressure Reducing Station and Off-line Storage Facility	Integrated Plan-HPP 1	\$24,203	\$26,349	\$2,196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,053	\$52,747	\$57,800
PR_NP014500 Nansemond Treatment Plant Regional Residuals Facility Upgrade	None	\$992	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,131	\$992	\$2,123
PR_NP014700 Nansemond Treatment Plant Digester Capacity Upgrades	None	\$11,889	\$1,986	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,673	\$13,875	\$37,548
PR_NP014800 High Priority Projects Round 2 Project 8	Integrated Plan-HPP 2	\$0	\$0	\$0	\$147	\$295	\$295	\$295	\$295	\$1,047	\$1,424	\$0	\$3,797	\$3,797
PR_NP014900 Nansemond Treatment Plant Interceptors Storage Yard	None	\$357	\$33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,725	\$390	\$2,115
PR_NP015100 Nansemond Treatment Plant Administration Building Replacement	None	\$35	\$353	\$3,869	\$7,490	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,748	\$11,748
PR_NP015400 Nansemond Treatment Plant Solids Drying Feasibility and Site Study	None	\$0	\$171	\$129	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300	\$300
PR_NP015500 Town of Dendron Discharge Force Main Replacement	None	\$1,019	\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$133	\$1,955	\$2,089
PR_NP015600 Lawnes Point Treatment Plant, Pump Station, and Force Main Conversion	None	\$0	\$0	\$0	\$0	\$0	\$433	\$3,265	\$4,158	\$0	\$0	\$0	\$7,855	\$7,855
PR_NP015700 George Washington IFM Ext Part 2 (SF-140) Segmental Repl at St. Julian's Creek	None	\$47	\$180	\$390	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$617	\$617
PR_NP015800 North Churchill IFM (SF-206) Segmental Replacement at Swannanoa Drive	None	\$68	\$262	\$571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$902	\$902
PR_NP015900 Nansemond Treatment Plant Anaerobic Digester Capacity Improvements	Nutrient Reduction	\$0	\$375	\$825	\$1,200	\$4,338	\$8,625	\$4,338	\$0	\$0	\$0	\$0	\$19,700	\$19,700
<b>Nansemond Subtotal</b>		<b>\$208,774</b>	<b>\$82,337</b>	<b>\$27,495</b>	<b>\$19,720</b>	<b>\$10,073</b>	<b>\$9,352</b>	<b>\$7,897</b>	<b>\$4,452</b>	<b>\$1,047</b>	<b>\$1,424</b>	<b>\$207,096</b>	<b>\$372,572</b>	<b>\$579,668</b>
<b>Surry</b>														
PR_SU010400 Surry Force Main and Pump Station-Dominion Power Extension	None	\$6,071	\$71	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,217	\$6,141	\$8,358
<b>Surry Subtotal</b>		<b>6,071</b>	<b>71</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,217</b>	<b>6,141</b>	<b>8,358</b>
<b>Virginia Initiative Plant</b>														
PR_VP010920 Norview Estabrook Division I 18-Inch Force Main Replacement Phase II, Section 2	Rehab Plan Phase Two	\$2,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,342	\$2,499	\$4,841
PR_VP014010 Ferebee Avenue Pump Station Replacement	Rehab Plan Phase Two	\$5,373	\$8,013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,446	\$13,386	\$14,832
PR_VP014022 Sanitary Sewer Replacement 1950-Part 2	Rehab Plan Phase Two	\$6,674	\$5,562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,894	\$12,236	\$22,130
PR_VP014700 Ingleside Road Pump Station Replacement	Rehab Plan Phase Two	\$464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$451	\$464	\$915
PR_VP014800 Lee Avenue/Wesley Street Horizontal Valve Replacement	Rehab Plan Phase Two	\$3,131	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$260	\$3,131	\$3,391
PR_VP015320 Larchmont Area Sanitary Sewer Improvements	Rehab Plan Phase Two	\$16,595	\$15,684	\$15,684	\$115	\$115	\$0	\$0	\$0	\$0	\$0	\$13,166	\$48,194	\$61,360

# CAPITAL IMPROVEMENT PROGRAM

FY25 TO FY34 (\$,000)

Based on Program Cost Estimates (Project Contingencies not Included)

	Regulatory Type	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	Proj Exp to Prev Yr	Sum FY25 to FY34	Est Program Cost
PR_VP015410 City Park Pump Station (PS 106) Replacement	Rehab Plan Phase Two	\$4,200	\$4,200	\$1,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,060	\$10,151	\$11,211
PR_VP015420 Luxembourg Pump Station (PS 113) Replacement and Ashland Sewer Extension	Rehab Plan Phase Two	\$10,592	\$10,592	\$4,413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,658	\$25,597	\$28,255
PR_VP015430 Chesapeake Blvd PS (PS 105) Replacement and Norfolk PS (PS 57) Rehabilitation	Rehab Plan Phase Two	\$193	\$4	\$4	\$18,883	\$0	\$0	\$0	\$0	\$0	\$0	\$383	\$19,083	\$19,466
PR_VP016500 Norview-Estabrook Division I 12-Inch Force Main Replacement	Rehab Plan Phase Two	\$1,823	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,096	\$1,823	\$4,919
PR_VP016700 Norview-Estabrook Division I 18-Inch Force Main Replacement Phase III	Rehab Plan Phase Two	\$2,094	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,756	\$2,094	\$3,850
PR_VP017120 Central Norfolk Area Gravity Sewer Improvements Phase II	Rehab Plan Phase Two	\$3,821	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,448	\$3,839	\$6,287
PR_VP018000 Park Avenue Pump Station Replacement	Rehab Plan Phase Two	\$4,981	\$830	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,800	\$5,811	\$15,611
PR_VP018301 VIP Service Area I-I Reduction Phase I (PORTS)	Integrated Plan-HPP 1	\$1,384	\$3,360	\$2,533	\$38	\$0	\$0	\$0	\$0	\$0	\$0	\$2,133	\$7,314	\$9,447
PR_VP018302 Portsmouth Pump Station Upgrades (VIP-HPP-04B)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PR_VP018303 VIP Service Area I-I Reduction Phase III (PORTS)	Integrated Plan-HPP 1	\$1,544	\$3,840	\$2,920	\$40	\$0	\$0	\$0	\$0	\$0	\$0	\$2,007	\$8,344	\$10,351
PR_VP018304 Camden Avenue Pump Station Upgrades (VIP-HPP-04D)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$167	\$201	\$176	\$1,055	\$1,969	\$1,969	\$0	\$5,538	\$5,538
PR_VP018305 Camden Avenue Gravity Improvements (VIP-HPP-04E)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$125	\$195	\$198	\$1,255	\$2,312	\$2,312	\$0	\$6,398	\$6,398
PR_VP018400 State Street Pressure Reducing Station and Offline Storage (VIP-HPP-05)	Integrated Plan-HPP 2	\$0	\$0	\$0	\$89	\$178	\$178	\$178	\$178	\$178	\$178	\$0	\$1,155	\$1,155
PR_VP018500 Elizabeth River Crossing Reliability Improvements	None	\$111	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,103	\$112	\$3,215
PR_VP018800 Virginia Initiative Plant Administration Building Renovation	None	\$3,479	\$3,479	\$2,629	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$607	\$9,588	\$10,195
PR_VP019000 Colley Avenue Pump Station Pump Replacement	None	\$788	\$788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$358	\$1,576	\$1,934
PR_VP019100 Virginia Initiative Plant Incinerator Burner Replacement	None	\$368	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,219	\$368	\$4,587
PR_VP019200 Virginia Initiative Plant Motor Control Center Replacements	None	\$4,491	\$4,117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$803	\$8,608	\$9,411
PR_VP019300 Norfolk I-I Reduction	Integrated Plan-HPP 1	\$653	\$2,543	\$3,372	\$3,372	\$1,686	\$0	\$0	\$0	\$0	\$0	\$0	\$11,625	\$11,625
PR_VP019400 High Priority Projects Round 2 Project 5	Integrated Plan-HPP 2	\$0	\$0	\$0	\$37	\$74	\$74	\$74	\$74	\$617	\$652	\$0	\$1,601	\$1,601
PR_VP019700 Plume Street Pump Station Replacement (SS-PS-121)	None	\$250	\$0	\$551	\$1,210	\$3,337	\$834	\$0	\$0	\$0	\$0	\$0	\$6,181	\$6,181
PR_VP019800 Virginia Initiative Plant Aeration Tank and Primary Clarifier Gate Replacement	None	\$788	\$788	\$788	\$3,520	\$3,520	\$3,520	\$2,388	\$0	\$0	\$0	\$0	\$15,312	\$15,312
<b>Virginia Initiative Plant Subtotal</b>		<b>\$76,295</b>	<b>\$63,821</b>	<b>\$34,644</b>	<b>\$27,302</b>	<b>\$9,201</b>	<b>\$5,001</b>	<b>\$3,014</b>	<b>\$2,562</b>	<b>\$5,076</b>	<b>\$5,111</b>	<b>\$61,992</b>	<b>\$232,027</b>	<b>\$294,019</b>
<b>Williamsburg</b>														
PR_WB012500 Lodge Road Pump Station Upgrades	None	\$0	\$0	\$0	\$49	\$195	\$1,015	\$610	\$3	\$0	\$0	\$0	\$1,873	\$1,873
PR_WB013100 Williamsburg Treatment Plant Outfall Flow Control System Repairs	None	\$3,923	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,421	\$3,927	\$5,348
PR_WB013200 York County I-I Reduction	Integrated Plan-HPP 1	\$1,581	\$7,861	\$8,864	\$8,864	\$4,432	\$0	\$0	\$0	\$0	\$0	\$0	\$31,602	\$31,602
PR_WB013201 Lodge Road Pump Station Extended Wet Well	Integrated Plan-HPP 1	\$0	\$9	\$14	\$23	\$51	\$83	\$41	\$0	\$0	\$0	\$0	\$221	\$221
PR_WB013202 Williamsburg Crossing PRS, Force Main and Storage Tank Improvements	Integrated Plan-HPP 2	\$0	\$0	\$0	\$212	\$423	\$423	\$940	\$1,199	\$1,199	\$2,797	\$0	\$7,193	\$7,193
PR_WB013400 Williamsburg Treatment Plant Headworks Influent and Effluent Pipe Rehabilitation	None	\$270	\$1,522	\$1,295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,087	\$3,087
PR_WB013500 WBTP Intermediate Clarifier Wet Weather & Phosphorus Removal System Improvements	Nutrient Reduction	\$385	\$721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120	\$1,107	\$1,227
PR_WB013600 Williamsburg Treatment Plant Influent Loading Reduction Improvements	Nutrient Reduction	\$2,025	\$4,232	\$5,063	\$7,040	\$7,040	\$7,040	\$0	\$0	\$0	\$0	\$600	\$32,440	\$33,040
PR_WB013700 North Trunk Interceptor Force Main Part A (NF-002) Replacement	None	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$173	\$0	\$173	\$173
PR_WB013800 Williamsburg Treatment Plant Distributed Control System Improvements	None	\$0	\$0	\$40	\$475	\$4,066	\$379	\$0	\$0	\$0	\$0	\$0	\$4,960	\$4,960
PR_WB013810 WBTP Distributed Control System Improvements (Gravity Thickener Building)	None	\$571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$571	\$571
PR_WB013900 Williamsburg Treatment Plant Solids Handling Improvements	None	\$8	\$1,401	\$2,306	\$2,169	\$6,219	\$6,219	\$5,270	\$44	\$0	\$0	\$0	\$23,637	\$23,637
PR_WB013910 Williamsburg Treatment Plant Emissions Monitoring System	None	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$500
PR_WB014000 Williamsburg Treatment Plant Systems Coatings Rehabilitation	None	\$458	\$1,063	\$1,063	\$1,063	\$640	\$0	\$0	\$0	\$0	\$0	\$0	\$4,285	\$4,285
PR_WB014100 Williamsburg Treatment Plant FOG and Cake Receiving Improvements	None	\$0	\$0	\$8	\$1,857	\$3,056	\$2,876	\$8,244	\$8,244	\$6,986	\$58	\$0	\$31,330	\$31,330
<b>Williamsburg Subtotal</b>		<b>\$9,722</b>	<b>\$16,813</b>	<b>\$18,652</b>	<b>\$21,751</b>	<b>\$26,122</b>	<b>\$18,035</b>	<b>\$15,106</b>	<b>\$9,490</b>	<b>\$8,185</b>	<b>\$3,028</b>	<b>\$2,141</b>	<b>\$146,905</b>	<b>\$149,046</b>
<b>York River</b>														
PR_YR010300 Foxridge, Woodland Road and Fox Hill Road Gravity Sewer Rehabilitation	Rehab Plan Phase Two	\$4,022	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,178	\$4,025	\$6,203
PR_YR010520 Magruder Mercury Interceptor Force Main Replacement-Section B	None	\$2,609	\$8,625	\$723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$799	\$11,958	\$12,757
PR_YR010530 Magruder Mercury Interceptor Force Main Replacement-Section C	None	\$0	\$0	\$0	\$111	\$630	\$6,173	\$0	\$0	\$0	\$0	\$0	\$6,913	\$6,913
PR_YR010900 Tabb Pressure Reducing Station and Offline Storage Facility	Integrated Plan-HPP 1	\$16,826	\$12,626	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,889	\$29,471	\$40,360
PR_YR011900 Bethel-Poquoson Force Main Part III Replacement	None	\$286	\$53	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$683	\$338	\$1,022

# CAPITAL IMPROVEMENT PROGRAM

FY25 TO FY34 (\$,000)

Based on Program Cost Estimates (Project Contingencies not Included)

	Regulatory Type	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	Proj Exp to Prev Yr	Sum FY25 to FY34	Est Program Cost
PR_YR013900 York River System Isolation Valve Installation and Replacement	None	\$457	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,748	\$457	\$8,204
PR_YR014000 York River Treatment Plant Administration Building Renovation	None	\$198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,698	\$198	\$7,897
PR_YR014200 LaSalle Avenue Boat Harbor to York River Interconnect Force Main	None	\$0	\$0	\$0	\$1,139	\$4,503	\$9,572	\$1,600	\$0	\$0	\$0	\$128	\$16,815	\$16,943
PR_YR014300 Bethel-Poquoson Force Main Phase II (Wythe Creek Road) Replacement	None	\$515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,109	\$515	\$3,625
PR_YR014600 Bethel-Poquoson Force Main Part IV Replacement-Wythe Creek Exposed Crossing	None	\$708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,728	\$708	\$3,436
PR_YR014700 Coliseum PRS Off-Line Storage Tank Odor Control Upgrades	None	\$431	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$164	\$435	\$600
PR_YR014900 York River DEMON Upgrades	None	\$287	\$143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$121	\$430	\$551
PR_YR015000 York River Treatment Plant Switchgear and Motor Control Center Replacements	None	\$2,007	\$2,189	\$2,189	\$2,189	\$2,189	\$2,189	\$547	\$0	\$0	\$0	\$0	\$13,500	\$13,500
<b>York River Subtotal</b>		<b>\$28,346</b>	<b>\$23,644</b>	<b>\$2,931</b>	<b>\$3,440</b>	<b>\$7,322</b>	<b>\$17,934</b>	<b>\$2,148</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$36,246</b>	<b>\$85,765</b>	<b>\$122,011</b>
<b>General</b>														
PR_GN013300 Treatment Plant Grease Handling Facilities	None	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,222	\$8	\$12,230
PR_GN014900 North Shore Gravity Sewer Improvements Phase I	Rehab Plan Phase Two	\$1,387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,714	\$1,387	\$12,101
PR_GN015000 South Shore Gravity Sewer Improvements Phase I	Rehab Plan Phase Two	\$1,305	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352	\$1,305	\$1,657
PR_GN015300 Interceptor System Valve Improvements Phase I	Rehab Plan Phase Two	\$2,634	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,111	\$2,638	\$4,749
PR_GN015400 South Shore Aerial Crossing Improvements	Rehab Plan Phase Two	\$189	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$306	\$189	\$495
PR_GN015800 North Shore Automated Diversion Facilities	None	\$785	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,408	\$785	\$2,193
PR_GN016311 Outfall Dispersion Modeling for Full Scale SWIFT	Integrated Plan-SWIFT	\$100	\$0	\$0	\$0	\$0	\$229	\$230	\$230	\$232	\$0	\$204	\$1,021	\$1,225
PR_GN016320 Program Management of SWIFT Full Scale Implementation	Integrated Plan-SWIFT	\$6,499	\$6,499	\$6,499	\$3,780	\$3,743	\$3,978	\$2,754	\$2,765	\$2,631	\$0	\$40,851	\$39,149	\$80,000
PR_GN016331 SWIFT Managed Aquifer Recharge Services	Integrated Plan-SWIFT	\$129	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$621	\$129	\$750
PR_GN016344 James River Land Improvements - Phase I	Integrated Plan-SWIFT	\$2,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,077	\$2,287	\$11,364
PR_GN016346 Boat Harbor Transmission Force Main Land Acquisition	Integrated Plan-SWIFT	\$3,577	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,923	\$3,577	\$5,500
PR_GN016347 James River Land Improvements - Phase II	Integrated Plan-SWIFT	\$426	\$995	\$866	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,287	\$2,287
PR_GN016360 James River SWIFT Facility	Integrated Plan-SWIFT	\$99,081	\$30,641	\$12,087	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$156,391	\$141,809	\$298,200
PR_GN016362 James River Recharge Wells (Off Site)	Integrated Plan-SWIFT	\$14,796	\$484	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,797	\$15,281	\$47,077
PR_GN016363 James River Recharge Well Enhancements	Integrated Plan-SWIFT	\$102	\$198	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$305	\$305
PR_GN016380 Nansemond SWIFT Facility	Integrated Plan-SWIFT	\$33,370	\$132,799	\$132,430	\$132,311	\$131,901	\$0	\$0	\$0	\$0	\$0	\$2,017	\$562,811	\$564,828
PR_GN016381 Nansemond Recharge Wells (On Site)	Integrated Plan-SWIFT	\$939	\$13,318	\$35,367	\$17,522	\$195	\$0	\$0	\$0	\$0	\$0	\$10	\$67,341	\$67,351
PR_GN016382 Nansemond Recharge Wells (Off Site)	Integrated Plan-SWIFT	\$758	\$10,899	\$28,848	\$14,402	\$182	\$0	\$0	\$0	\$0	\$0	\$16	\$55,089	\$55,106
PR_GN016383 Nansemond Recharge Well Integration	Integrated Plan-SWIFT	\$467	\$582	\$5,824	\$37,252	\$11,871	\$0	\$0	\$0	\$0	\$0	\$104	\$55,997	\$56,101
PR_GN016390 VIP SWIFT Tertiary Preliminary Engineering	Integrated Plan-SWIFT	\$2,116	\$3,261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,377	\$5,377
PR_GN016391 VIP SWIFT Tertiary Site Work	Integrated Plan-SWIFT	\$0	\$0	\$1,045	\$23,027	\$7,949	\$0	\$0	\$0	\$0	\$0	\$0	\$32,021	\$32,021
PR_GN016392 VIP SWIFT Tertiary Facility	Integrated Plan-SWIFT	\$0	\$0	\$8,145	\$4,328	\$67,470	\$83,943	\$80,000	\$80,000	\$0	\$0	\$0	\$323,886	\$323,886
PR_GN016700 Treatment Plant Solids Handling Replacement Phase II	None	\$1,720	\$5,333	\$4,006	\$9	\$0	\$0	\$0	\$0	\$0	\$0	\$1,591	\$11,068	\$12,658
PR_GN017200 Interceptor Systems PS Control and SCADA Upgrades and Enhancements Phase II	None	\$1,921	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,424	\$2,081	\$10,505
PR_GN017300 Treatment Plant Dewatering Improvement Program	None	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,721	\$5,442	\$5,442	\$0	\$13,605	\$13,605
PR_GN017400 Treatment Plant Dewatering Replacement Phase III	Nutrient Reduction	\$2,209	\$4,588	\$2,304	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$754	\$9,101	\$9,854
PR_GN017500 Fleet Management Program	None	\$0	\$1,653	\$1,653	\$1,653	\$1,653	\$0	\$0	\$0	\$0	\$0	\$0	\$6,611	\$6,611
PR_GN017900 Solids System Improvements for Army Base MHI Offline	Clean Air Act	\$1,277	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,758	\$1,277	\$6,036
PR_GN018600 North Shore Galvanic Cathodic Protection Rehabilitation	Rehab Plan Phase Two	\$1,251	\$616	\$11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$1,878	\$1,988
PR_GN018700 South Shore Galvanic Cathodic Protection Rehabilitation Phase I	None	\$668	\$1,922	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$229	\$2,618	\$2,847
PR_GN018800 South Shore Galvanic Cathodic Protection Rehabilitation Phase II	Rehab Plan Phase Two	\$1,699	\$809	\$11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131	\$2,519	\$2,650
PR_GN018900 Pump Station Motor Control Center Replacements - Phase I	None	\$799	\$799	\$799	\$133	\$0	\$0	\$0	\$0	\$0	\$0	\$333	\$2,531	\$2,864
PR_GN019300 Fleet Management (FY24)	None	\$2,079	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$293	\$2,079	\$2,372
PR_GN019400 Water Quality Department Instrumentation Equipment Program	None	\$0	\$755	\$755	\$755	\$755	\$755	\$755	\$692	\$0	\$0	\$0	\$5,221	\$5,221
PR_GN019600 Interceptor Systems PS Control and SCADA Upgrades and Enhancements Phase III	None	\$1,134	\$2,130	\$3,833	\$3,195	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$10,296	\$10,296
PR_GN019700 Treatment Plant Dewatering Improvement Phase IV	None	\$2,163	\$4,569	\$1,912	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$420	\$8,646	\$9,065
PR_GN019800 Treatment Plant Dewatering Improvement Phase V	None	\$0	\$0	\$229	\$354	\$2,053	\$856	\$0	\$0	\$0	\$0	\$0	\$3,492	\$3,492
PR_GN019900 Treatment Plant Dewatering Improvement Phase VI	None	\$0	\$0	\$0	\$0	\$229	\$354	\$2,053	\$856	\$0	\$0	\$0	\$3,492	\$3,492

# CAPITAL IMPROVEMENT PROGRAM

FY25 TO FY34 (\$,000)

Based on Program Cost Estimates (Project Contingencies not Included)

	Regulatory Type	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	Proj Exp to Prev Yr	Sum FY25 to FY34	Est Program Cost
PR_GN020000 Solar Panel Installation Phase I	None	\$0	\$25	\$304	\$304	\$304	\$152	\$0	\$0	\$0	\$0	\$0	\$1,088	\$1,088
PR_GN020100 VIP and Army Base Treatment Plant Secondary Clarifier Weir Cover Installation	None	\$914	\$152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$305	\$1,067	\$1,371
PR_GN020200 Treatment Plant Fire Suppression System Upgrades	None	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$800	\$1,800
PR_GN020300 High Priority Inflow and Infiltration Reduction Program	Integrated Plan-HPP 1	\$578	\$454	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8	\$1,032	\$1,040
PR_GN020400 Fleet Management (FY25)	None	\$4,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,030	\$4,030
PR_GN020500 Water Quality Department Instrumentation Equipment (FY25)	None	\$1,080	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,080	\$1,080
PR_GN020600 Development Plan 2025	None	\$239	\$261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$500
PR_GN020700 Hypochlorite Generation Facility	None	\$0	\$0	\$100	\$0	\$800	\$6,090	\$12,167	\$333	\$0	\$0	\$0	\$19,490	\$19,490
PR_GN020800 North Shore Pump Station Influent Valve Installations	None	\$698	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700	\$700
PR_GN020900 Microbial Source Tracking Identified Locality Repair Program	Integrated Plan-MST	\$0	\$500	\$1,000	\$1,000	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$4,500	\$4,500
PR_GN020910 Microbial Source Tracking Identified Locality Repairs (FY25)	Integrated Plan-MST	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300	\$300
PR_GN021000 Regional Granular Activated Carbon Reactivation Facility	None	\$0	\$0	\$0	\$0	\$0	\$10,635	\$11,087	\$15,799	\$77,608	\$77,608	\$0	\$192,737	\$192,737
PR_GN021100 Biosolids Data Visualization and Management Tool	None	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300	\$300
PR_GN021200 Conceptual Project Development (FY25)	None	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$500
<b>General Subtotal</b>		<b>\$197,314</b>	<b>\$224,408</b>	<b>\$248,061</b>	<b>\$240,026</b>	<b>\$230,109</b>	<b>\$107,991</b>	<b>\$109,045</b>	<b>\$103,396</b>	<b>\$85,914</b>	<b>\$83,050</b>	<b>\$288,479</b>	<b>\$1,629,316</b>	<b>\$1,917,796</b>
<b>Future Improvements</b>														
PR_IP020000 Infrastructure Risk Reduction Program	None	\$0	\$0	\$0	\$0	\$0	\$61,161	\$74,444	\$104,307	\$133,921	\$136,518	\$0	\$510,351	\$510,351
<b>Future Improvements Subtotal</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$61,161</b>	<b>\$74,444</b>	<b>\$104,307</b>	<b>\$133,921</b>	<b>\$136,518</b>	<b>\$0</b>	<b>\$510,351</b>	<b>\$510,351</b>
<b>CIP Totals</b>		<b>\$891,304</b>	<b>\$639,000</b>	<b>\$485,263</b>	<b>\$427,778</b>	<b>\$361,111</b>	<b>\$277,778</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,074,994</b>	<b>\$4,082,234</b>	<b>\$5,157,228</b>