

Cash Flow Projections FY 2022 to FY 2031



**CAPITAL IMPROVEMENT PROGRAM
 FY 2022 TO FY 2031 CASH FLOW PROJECTIONS (\$,000)
 Based on Program Cost Estimates (Project Contingencies not Included)**

10 YEAR CASH FLOW PROJECTION

202 PROJECTS	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	SUM FY22-FY31
PROGRAM TOTAL	\$ 290,000	\$ 401,961	\$ 509,524	\$ 400,000	\$ 223,810	\$ 223,810	\$ 247,619	\$ 200,000	\$ 190,476	\$ 190,476	\$ 2,877,675
PROGRAM CONTINGENCY	\$ -	\$ 8,039	\$ 25,476	\$ 20,000	\$ 11,190	\$ 11,190	\$ 12,381	\$ 10,000	\$ 9,524	\$ 9,524	\$ 117,325
PROJECT TOTAL	\$ 290,000	\$ 410,000	\$ 535,000	\$ 420,000	\$ 235,000	\$ 235,000	\$ 260,000	\$ 210,000	\$ 200,000	\$ 200,000	\$ 2,995,000

PROGRAM BUDGET FORECAST (\$,000)

	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	SUM FY22-FY31
Begin Capital Reserves	\$ -	\$ (0)	\$ 0	\$ (0)	\$ 0	\$ 0	\$ 2,856	\$ 38,240	\$ 92,962	\$ 56,796	
Revenue Bond	\$ -	\$ -	\$ 285,791	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,791
VCWRLF	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
WIFIA	\$ 40,659	\$ 86,314	\$ 169,494	\$ 149,751	\$ 75,575	\$ 75,135	\$ 99,706	\$ 82,092	\$ 49,953	\$ 21,781	\$ 850,460
WQIF	\$ -	\$ 2,500	\$ 15,000	\$ 17,500	\$ 27,500	\$ 25,000	\$ 25,000	\$ 7,500	\$ 5,000	\$ 2,500	\$ 127,500
Cash	\$ 121,994	\$ 124,157	\$ 114,213	\$ 125,600	\$ 117,997	\$ 154,024	\$ 163,135	\$ 170,486	\$ 107,038	\$ 121,856	\$ 1,320,500
Grants and Other Reimbursements	\$ -	\$ 2,055	\$ 7,818	\$ 9,278	\$ 7,409	\$ 8,087	\$ 7,543	\$ 4,644	\$ 1,843	\$ -	\$ 48,677
Transfer from Line of Credit	\$ 27,347	\$ 94,974	\$ (157,316)	\$ 17,871	\$ 6,519	\$ (24,390)	\$ -	\$ -	\$ -	\$ -	\$ (34,995)
Total Capital Resources	\$ 290,000	\$ 410,000	\$ 535,000	\$ 420,000	\$ 235,000	\$ 237,856	\$ 298,240	\$ 302,962	\$ 256,796	\$ 202,933	
Capital Expenditures	\$ 290,000	\$ 410,000	\$ 535,000	\$ 420,000	\$ 235,000	\$ 235,000	\$ 260,000	\$ 210,000	\$ 200,000	\$ 200,000	\$ 2,995,000
End Capital Reserves	\$ (0)	\$ 0	\$ (0)	\$ 0	\$ 0	\$ 2,856	\$ 38,240	\$ 92,962	\$ 56,796	\$ 2,933	

CAPITAL IMPROVEMENT PROGRAM
 FY22 TO FY31 (\$,000)
 Based on Program Cost Estimates (Project Contingencies not Included)

	Regulatory Type	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	Proj Exp to Prev Yr	Sum FY22 to FY31	Est Program Cost
Administration														
PR_AD012300 Central Environmental Laboratory Phase II	None	\$124	\$82	\$960	\$960	\$0	\$0	\$0	\$0	\$0	\$0	\$111	\$2,126	\$2,237
PR_AD012310 Central Environmental Laboratory Phase II - Study	None	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$390	\$50	\$440
PR_AD012500 Cybersecurity Practice and Procedure Initiative	None	\$3,577	\$3,577	\$3,577	\$3,279	\$0	\$0	\$0	\$0	\$0	\$0	\$1,490	\$14,010	\$15,500
Administration Subtotal		\$3,750	\$3,659	\$4,537	\$4,239	\$0	\$0	\$0	\$0	\$0	\$0	\$1,992	\$16,186	\$18,177
Army Base														
PR_AB010000 Army Base 24-Inch and 20-Inch Transmission Main Replacements	Rehab Plan Phase Two	\$588	\$3,616	\$3,596	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,079	\$7,800	\$8,879
PR_AB010500 Section W Force Main Replacement	None	\$177	\$1,435	\$1,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$168	\$3,036	\$3,205
PR_AB011800 Army Base to VIP Transmission Force Main	Integrated Plan-SWIFT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PR_AB011900 Army Base Treatment Plant Administration Building Renovation (2021)	None	\$1,002	\$130	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$166	\$1,134	\$1,300
PR_AB012000 Wards Corner Sanitary Sewer Pumping Station	None	\$4,800	\$1,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000	\$6,000
Army Base Subtotal		\$6,567	\$6,381	\$5,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,413	\$17,970	\$19,383
Atlantic														
PR_AT011520 Shippo Corner Pressure Reducing Station Modifications	Rehab Plan Phase Two	\$87	\$1,278	\$116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27	\$1,481	\$1,509
PR_AT011900 Great Bridge Interceptor Extension 16-Inch Replacement	Rehab Plan Phase Two	\$65	\$236	\$2,177	\$2,136	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,615	\$4,615
PR_AT012920 Atlantic Treatment Plant Access Road Extension	None	\$1,123	\$4,084	\$4,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$816	\$9,654	\$10,470
PR_AT013000 Washington District Pump Station Area Sanitary Sewer Improvements	Rehab Plan Phase Two	\$1,856	\$2,784	\$1,264	\$146	\$0	\$0	\$0	\$0	\$0	\$0	\$513	\$6,050	\$6,563
PR_AT013110 South Norfolk Area Gravity Sewer Improvements, Phase II	Rehab Plan Phase Two	\$497	\$3,676	\$3,656	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$299	\$7,830	\$8,129
PR_AT013200 Doziers Corner PS and Washington District PS Flooding Mitigation Improvements	Rehab Plan Phase Two	\$0	\$57	\$425	\$2,356	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,837	\$2,837
PR_AT013700 Atlantic Trunk Interceptor Force Main Relocation-VDOT Laskin Road Betterment	None	\$61	\$61	\$130	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$218	\$351	\$570
PR_AT014000 Lynnhaven-Great Neck IFM (SF-021) Relocation	None	\$395	\$395	\$197	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$234	\$987	\$1,221
PR_AT014301 Atlantic Service Area I/II Reduction Phase I (CHES)	Integrated Plan-HPP 1	\$0	\$721	\$998	\$1,447	\$7,478	\$1,267	\$0	\$0	\$0	\$0	\$0	\$11,911	\$11,911
PR_AT014302 Atlantic Service Area I/II Reduction Phase II (CHES)	Integrated Plan-HPP 1	\$1,045	\$1,728	\$3,806	\$3,185	\$7	\$0	\$0	\$0	\$0	\$0	\$498	\$9,770	\$10,268
PR_AT014303 Chesapeake Pump Station Capacity Improvements (AT-HPP-01C)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$0	\$0	\$54	\$303	\$508	\$0	\$0	\$0	\$866	\$866
PR_AT014500 Atlantic Treatment Plant Influent Screens 1-3 Replacement	None	\$2,441	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,031	\$2,441	\$3,472
PR_AT014600 Kempsville Interceptor Force Main Replacement - Phase I	None	\$281	\$760	\$2,895	\$1,458	\$0	\$0	\$0	\$0	\$0	\$0	\$64	\$5,393	\$5,457
PR_AT014800 Atlantic Treatment Plant Electrical Workspace Renovation	None	\$514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$514	\$514
PR_AT014900 Atlantic Treatment Plant Gravity Belt Thickener Expansion	None	\$1,082	\$393	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,475	\$1,475
PR_AT015000 Atlantic Treatment Plant Polymer System Replacement	None	\$1,902	\$1,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,375	\$3,375
PR_AT015100 Atlantic Treatment Plant Solids Storage Pad Improvements	None	\$422	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$672	\$672
PR_AT015200 Cedar Road Interceptor Force Main Replacement Phase I	None	\$349	\$857	\$3,287	\$1,136	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$5,628	\$5,633
PR_AT015300 High Priority Projects Round 2 Project 2	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,880	\$0	\$1,880	\$1,880
Atlantic Subtotal		\$12,119	\$18,754	\$23,398	\$11,962	\$7,485	\$1,321	\$303	\$508	\$0	\$1,880	\$3,706	\$77,729	\$81,436
Boat Harbor														
PR_BH013020 Willard Avenue Pump Station Replacement	None	\$7,562	\$4,413	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,433	\$11,979	\$13,412
PR_BH014000 West Avenue and 35th Street Interceptor Force Main Replacement	Rehab Plan Phase Two	\$1,040	\$1,352	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212	\$2,391	\$2,603
PR_BH014220 Hampton Trunk Sewer Extension Divisions I and J Relocation Phase II	None	\$6,218	\$6,218	\$9	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$2,267	\$12,451	\$14,718
PR_BH014500 Ivy Home-Shell Road Sewer Extension Division I Replacement	Rehab Plan Phase Two	\$585	\$1,410	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90	\$1,998	\$2,088
PR_BH014600 46th Street Diversion Sewer Rehabilitation/Replacement	Rehab Plan Phase Two	\$4,311	\$2,521	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,755	\$6,836	\$8,591
PR_BH014900 Hampton Trunk Sewer Extension Division K Gravity Improvements	Rehab Plan Phase Two	\$3,611	\$2,109	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,941	\$5,722	\$7,663
PR_BH015600 Hampton Trunk A and B Replacement - Jefferson Avenue to Walnut Avenue	None	\$6,680	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,212	\$6,688	\$12,900
PR_BH015700 Boat Harbor Treatment Plant Pump Station Conversion	Integrated Plan-SWIFT	\$5,752	\$5,205	\$26,940	\$24,840	\$2,645	\$0	\$0	\$0	\$0	\$0	\$974	\$65,382	\$66,357
PR_BH015710 Boat Harbor Treatment Plant Transmission Force Main Section 1 (Subaqueous)	Integrated Plan-SWIFT	\$2,394	\$12,637	\$33,375	\$16,092	\$0	\$0	\$0	\$0	\$0	\$0	\$1,798	\$64,498	\$66,296
PR_BH015720 Boat Harbor Treatment Plant Transmission Force Main Section 2 (Land)	Integrated Plan-SWIFT	\$1,973	\$7,739	\$12,308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,020	\$22,020
PR_BH015730 Boat Harbor Treatment Plant Decommission and Demolition	Integrated Plan-SWIFT	\$0	\$0	\$516	\$1,866	\$244	\$25,004	\$996	\$0	\$0	\$0	\$0	\$28,626	\$28,626
PR_BH015801 14th Street Offline Storage (BH-HPP-01A)	Integrated Plan-HPP 1	\$0	\$885	\$839	\$8,425	\$4,975	\$0	\$0	\$0	\$0	\$0	\$0	\$15,124	\$15,124

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PR_BH015802 Claremont Pump Station Upgrade (BH-HPP-01B)	Integrated Plan-HPP 1	\$0	\$0	\$546	\$766	\$6,390	\$3,454	\$0	\$0	\$0	\$0	\$0	\$11,157	\$11,157
PR_BH015803 Chesapeake Avenue Interceptor Improvements (BH-HPP-01C)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$831	\$2,487	\$8,815	\$2,938	\$0	\$0	\$0	\$0	\$15,071	\$15,071
PR_BH015900 Bloxoms Corner Force Main Replacement	Rehab Plan Phase Two	\$1,254	\$2,362	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179	\$3,620	\$3,798
PR_BH016100 High Priority Projects Round 2 Project 3	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Boat Harbor Subtotal		\$41,379	\$46,859	\$74,549	\$52,827	\$16,741	\$37,273	\$3,934	\$0	\$0	\$0	\$16,861	\$273,563	\$290,424
Chesapeake-Elizabeth														
PR_CE010520 Newtown Road Interceptor Force Main Relocation	None	\$1,645	\$83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,222	\$1,728	\$3,950
PR_CE011300 Birchwood Trunk 24 and 30-In. FM at Independence Boulevard Replacement Phase II	Rehab Plan Phase Two	\$381	\$1,167	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,548	\$1,548
PR_CE011600 Poplar Hall Davis Corner Trunk 24-Inch Gravity Sewer Improvements	Rehab Plan Phase Two	\$139	\$668	\$1,029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22	\$1,836	\$1,858
PR_CE011700 Western Trunk Force Main Replacement	Rehab Plan Phase One	\$83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,583	\$83	\$3,666
PR_CE011810 Chesapeake-Elizabeth Treatment Plant Decommissioning	None	\$204	\$2,057	\$1,419	\$2,128	\$2,128	\$2,128	\$1,241	\$0	\$0	\$0	\$0	\$11,304	\$11,304
PR_CE011821 Elbow Road Pressure Reducing Station	Nutrient Reduction	\$227	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,651	\$227	\$6,878
PR_CE011823 Virginia Beach Boulevard Force Main Phase VI	Nutrient Reduction	\$1,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,701	\$1,088	\$25,789
PR_CE011825 Salem Road Interconnect Force Main	Nutrient Reduction	\$925	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$358	\$925	\$1,283
PR_CE011830 Little Creek Pump Station Modifications	Nutrient Reduction	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$355	\$6	\$361
PR_CE011835 Virginia Beach City Pump Station Upgrades, Phase V	Nutrient Reduction	\$1,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$113	\$1,200	\$1,313
PR_CE011836 Norfolk City Pump Station Upgrades	Nutrient Reduction	\$615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$385	\$615	\$1,000
PR_CE011840 Oceana Off-Line Storage Facility	Nutrient Reduction	\$82	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,115	\$82	\$1,197
PR_CE011850 Atlantic Service Area Automated Diversion Facilities Ph I	None	\$402	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,752	\$402	\$2,154
PR_CE012100 Witchduck Rd IFM Improvements	None	\$0	\$3	\$138	\$239	\$731	\$1,348	\$1,236	\$0	\$0	\$0	\$0	\$3,694	\$3,694
Chesapeake-Elizabeth Subtotal		\$6,997	\$3,978	\$2,586	\$2,367	\$2,859	\$3,476	\$2,477	\$0	\$0	\$0	\$41,257	\$24,739	\$65,996
Eastern Shore														
PR_ES010100 Eastern Shore Infrastructure Improvements - Transmission Force Main Phase I	None	\$4,204	\$5,771	\$2,885	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,860	\$12,860
PR_ES010200 Eastern Shore Infrastructure Improvements - Transmission Force Main Phase II	None	\$0	\$0	\$0	\$5,000	\$545	\$5,455	\$300	\$0	\$0	\$0	\$0	\$11,300	\$11,300
PR_ES010300 Onancock Treatment Plant Administration Building Upgrade	None	\$190	\$280	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$470	\$470
Eastern Shore Subtotal		\$4,394	\$6,051	\$2,885	\$5,000	\$545	\$5,455	\$300	\$0	\$0	\$0	\$0	\$24,630	\$24,630
James River														
PR_JR011730 Jefferson Avenue Interceptor Force Main Replacement Phase III	None	\$9,709	\$7,758	\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,131	\$17,474	\$18,605
PR_JR013000 Morrison Pump Station Discharge Force Main Replacement and Capacity Enhancements	None	\$1,435	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$463	\$1,437	\$1,900
PR_JR013200 Lucas Creek-Woodhaven Interceptor Force Main Replacement Phase II	None	\$160	\$1,776	\$171	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$131	\$2,107	\$2,238
PR_JR013400 JRTP Advanced Nutrient Reduction Improvements	Integrated Plan-SWIFT	\$17,862	\$50,187	\$74,628	\$59,840	\$13,475	\$0	\$0	\$0	\$0	\$0	\$5,264	\$215,992	\$221,256
PR_JR013500 Lucas Creek Pump Station Replacement	Rehab Plan Phase Two	\$1,933	\$4,404	\$2,938	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$450	\$9,278	\$9,727
PR_JR013600 James River Treatment Plant Primary Treatment and Automation Improvements	None	\$1,240	\$6,008	\$4,204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,452	\$11,452
PR_JR013700 High Priority Projects Round 2 Project 6	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
James River Subtotal		\$32,339	\$70,135	\$81,947	\$59,844	\$13,475	\$0	\$0	\$0	\$0	\$0	\$7,438	\$257,741	\$265,179
Middle Peninsula														
PR_MP011700 Middle Peninsula Interceptor Systems PS Control and SCADA Upgrades/Enhancements	None	\$1,149	\$1,149	\$222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,999	\$2,520	\$4,519
PR_MP012000 King William Treatment Plant Improvements Phase I	None	\$1,612	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,878	\$1,615	\$3,493
PR_MP013000 Small Communities Collection System Rehabilitation Phase I	None	\$14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$558	\$14	\$572
PR_MP013020 Small Communities Collection System Rehabilitation Phase III	None	\$995	\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$1,002	\$1,010
PR_MP013300 King William Treatment Plant Improvements Phase II	None	\$518	\$6,650	\$6,650	\$26	\$0	\$0	\$0	\$0	\$0	\$0	\$616	\$13,844	\$14,460
PR_MP013500 Middlesex Collection System-Cooks Corner	None	\$1,754	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$228	\$1,757	\$1,986
PR_MP013600 Middlesex Interceptor Force Main Phase I-Cooks Corner	None	\$239	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,497	\$240	\$1,736
PR_MP013710 Middlesex Interceptor System Program Phase II-Saluda Pump Station	None	\$213	\$839	\$703	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$186	\$1,756	\$1,942
PR_MP013720 Middlesex Interceptor System Program Phase II-Hartfield Pump Station	None	\$688	\$1,952	\$1,630	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$233	\$4,272	\$4,505
PR_MP013730 Middlesex Interceptor System Program Phase II-Transmission Force Main	None	\$5,041	\$10,938	\$10,938	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$1,625	\$26,922	\$28,547

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PR_MP013800 Middlesex Interceptor System Program Phase III	None	\$20	\$330	\$2,319	\$780	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$3,448	\$3,458
PR_MP013900 Urbana Wastewater Treatment Plant Reliability Improvements	None	\$257	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$53	\$257	\$310
PR_MP014100 Middlesex Collection System-Christ's Church Service Area	None	\$18	\$18	\$18	\$18	\$18	\$207	\$467	\$277	\$0	\$0	\$6	\$1,043	\$1,049
PR_MP014200 Middlesex Collection System-Topping Service Area Phase I	None	\$330	\$1,160	\$1,540	\$390	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,420	\$3,420
PR_MP014300 Middlesex Collection System-Locust Hill Service Area	None	\$80	\$80	\$80	\$80	\$1,231	\$1,622	\$420	\$0	\$0	\$0	\$27	\$3,593	\$3,620
PR_MP014410 Middlesex County Hartfield Collection System Phase I	None	\$99	\$214	\$214	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$60	\$551	\$611
PR_MP014500 Middlesex Collection System-Saluda Service Area	None	\$107	\$107	\$526	\$1,133	\$1,133	\$10	\$0	\$0	\$0	\$0	\$36	\$3,015	\$3,051
PR_MP014510 Middlesex County Saluda Collection System Phase I	None	\$32	\$51	\$51	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$8	\$139	\$147
PR_MP014600 Middlesex Collection System-Deltaville Service Area	None	\$448	\$3,320	\$4,204	\$4,259	\$4,204	\$4,204	\$3,757	\$1,565	\$0	\$0	\$149	\$25,963	\$26,112
PR_MP014700 Small Communities Rehabilitation Phase IV	None	\$1,432	\$4	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55	\$1,436	\$1,492
PR_MP014800 Small Communities Rehabilitation Phase V	None	\$53	\$366	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$419	\$419
PR_MP014900 Middle Peninsula Operations Center Locker Room and Administrative Facilities	None	\$1,455	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127	\$1,460	\$1,587
PR_MP015000 Sharon Road Gravity Sewer Improvements	None	\$1,016	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46	\$1,020	\$1,066
PR_MP015100 West Point Pump Station 4 (Thompson Avenue) Rehabilitation	None	\$313	\$391	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$706	\$772
PR_MP015300 King William Central Crossing Pump Station Rehabilitation	None	\$107	\$760	\$108	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$975	\$975
PR_MP015400 Middlesex Interceptor System Program Phase IV	None	\$0	\$0	\$0	\$115	\$718	\$1,693	\$0	\$0	\$0	\$0	\$0	\$2,527	\$2,527
PR_MP015500 Small Communities Rehabilitation Phase VI	None	\$141	\$1,069	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,210	\$1,210
PR_MP015600 West Point Treatment Plant Final Effluent Pump Station Improvements	None	\$73	\$517	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$665	\$665
PR_MP015700 West Point Treatment Plant Secondary Clarifier Improvements	None	\$71	\$500	\$73	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$644	\$644
Middle Peninsula Subtotal		\$18,276	\$30,437	\$29,355	\$6,836	\$7,305	\$7,736	\$4,644	\$1,843	\$0	\$0	\$9,471	\$106,433	\$115,904
Nansemond														
PR_NP010620 Suffolk Pump Station Replacement	Rehab Plan Phase Two	\$7,860	\$8,575	\$5,716	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,194	\$22,151	\$24,346
PR_NP012400 Western Branch Sewer System Gravity Improvements	Rehab Plan Phase Two	\$167	\$167	\$2,561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,895	\$2,895
PR_NP012600 Deep Creek Interceptor Force Main Replacement	Rehab Plan Phase One	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,639	\$50	\$5,689
PR_NP013000 Nansemond Treatment Plant Motor Control Center Replacements	None	\$825	\$688	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$810	\$1,513	\$2,323
PR_NP013400 Deep Creek IFM Risk Mitigation	None	\$542	\$49	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,695	\$591	\$3,286
PR_NP013700 Nansemond Treatment Plant Struvite Recovery Facility Improvements	None	\$9,480	\$5,535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,572	\$15,016	\$20,587
PR_NP013820 Nansemond Treatment Plant Advanced Nutrient Reduction Improvements Phase II	Integrated Plan-SWIFT	\$3,716	\$23,471	\$85,588	\$84,401	\$17,434	\$0	\$0	\$0	\$0	\$0	\$4,034	\$214,610	\$218,644
PR_NP013901 Nansemond Service Area I/I Reduction Phase II (CHES)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$262	\$1,601	\$2,961	\$8,255	\$2,772	\$0	\$0	\$0	\$15,849	\$15,849
PR_NP013902 Nansemond Service Area I/I Reduction Phase III (CHES)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$0	\$1,376	\$1,570	\$4,520	\$4,520	\$3,780	\$7	\$0	\$15,773	\$15,773
PR_NP014000 Wilroy Pressure Reducing Station and Offline Storage Tank (NP-HPP-03)	Integrated Plan-HPP 1	\$1,173	\$1,514	\$5,723	\$10,875	\$8,156	\$0	\$0	\$0	\$0	\$0	\$0	\$27,441	\$27,441
PR_NP014100 Nansemond Treatment Plant Shoreline Improvements Phase II	None	\$0	\$0	\$0	\$0	\$0	\$209	\$632	\$2,159	\$0	\$0	\$0	\$3,000	\$3,000
PR_NP014400 Nansemond Treatment Plant Influent Screen Replacement	None	\$553	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,088	\$559	\$1,647
PR_NP014500 Nansemond Treatment Plant Regional Residuals Facility Upgrade	None	\$1,545	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225	\$1,545	\$1,770
PR_NP014600 West Road Interceptor Force Main Extension	None	\$218	\$940	\$3,397	\$2,548	\$0	\$0	\$0	\$0	\$0	\$0	\$91	\$7,103	\$7,194
PR_NP014700 Nansemond Treatment Plant Digester Capacity Upgrade	None	\$9,390	\$5,633	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$956	\$15,027	\$15,983
PR_NP014800 High Priority Projects Round 2 Project 8	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Nansemond Subtotal		\$35,520	\$46,578	\$102,990	\$98,085	\$28,567	\$4,739	\$13,407	\$9,451	\$3,780	\$7	\$23,304	\$343,124	\$366,428
Surry														
PR_SU010200 Surry Hydraulic Improvements and Interceptor Force Main	Consent Decree - Surry	\$14,232	\$7,116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,725	\$21,349	\$43,074
PR_SU010300 Surry Water and Sewer Infrastructure Improvements-Phase 1	None	\$1,426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$605	\$1,426	\$2,031
PR_SU010400 Surry Force Main and Pump Station-Dominion Power Extension	None	\$300	\$450	\$2,343	\$3,541	\$33	\$0	\$0	\$0	\$0	\$0	\$0	\$6,667	\$6,667
Surry Subtotal		15,959	7,566	2,343	3,541	33	0	0	0	0	0	22,330	29,442	51,772
Virginia Initiative Plant														
PR_VP010920 Norview Estabrook Division 1 18-Inch Force Main Replacement Phase II, Section 2	Rehab Plan Phase Two	\$165	\$974	\$1,428	\$476	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$3,043	\$3,153
PR_VP014010 Ferebee Avenue Pump Station Replacement	Rehab Plan Phase Two	\$0	\$2,775	\$4,106	\$684	\$0	\$0	\$0	\$0	\$0	\$0	\$1,051	\$7,565	\$8,616

CAPITAL IMPROVEMENT PROGRAM
 FY22 TO FY31 (\$,000)
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	Regulatory Type	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	Proj Exp to Prev Yr	Sum FY22 to FY31	Est Program Cost
PR_VP014020 Sanitary Sewer Project 1950 12 Inch FM and 24 and 18 Inch Gravity Replacement	Rehab Plan Phase Two	\$2,317	\$4,533	\$3,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,030	\$10,250	\$11,280
PR_VP014700 Ingleside Road Pump Station Replacement	Rehab Plan Phase Two	\$2,969	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$406	\$2,969	\$3,375
PR_VP014800 Lee Avenue/Wesley Street Horizontal Valve Replacement	Rehab Plan Phase Two	\$381	\$2,886	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,267	\$3,267
PR_VP015320 Larchmont Area Sanitary Sewer Improvements	Rehab Plan Phase Two	\$1,463	\$8,923	\$10,410	\$8,922	\$5,205	\$0	\$0	\$0	\$0	\$0	\$1,519	\$34,924	\$36,443
PR_VP015400 Lafayette Norview-Estabrook Pump Station Replacements	Rehab Plan Phase Two	\$3,963	\$7,843	\$6,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,449	\$18,342	\$20,791
PR_VP016500 Norview-Estabrook Division I 12-Inch Force Main Replacement	Rehab Plan Phase Two	\$148	\$870	\$1,277	\$426	\$0	\$0	\$0	\$0	\$0	\$0	\$106	\$2,720	\$2,826
PR_VP016700 Norview-Estabrook Division I 18-Inch Force Main Replacement Phase III	Rehab Plan Phase Two	\$201	\$1,172	\$1,721	\$574	\$0	\$0	\$0	\$0	\$0	\$0	\$118	\$3,667	\$3,785
PR_VP017110 Central Norfolk Area Gravity Sewer Improvements Phase I	Rehab Plan Phase Two	\$15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$86	\$15	\$101
PR_VP017120 Central Norfolk Area Gravity Sewer Improvements Phase II	Rehab Plan Phase Two	\$630	\$2,439	\$3,193	\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$6,325	\$6,350
PR_VP018000 Park Avenue Pump Station Replacement	Rehab Plan Phase Two	\$3,490	\$5,168	\$1,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$984	\$10,380	\$11,365
PR_VP018200 Effingham Vault Removal and Force Main Rehabilitation	None	\$1,624	\$448	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$279	\$2,072	\$2,351
PR_VP018301 VIP Service Area I/I Reduction Phase I (PORTS)	Integrated Plan-HPP 1	\$1,546	\$5,713	\$4,305	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,379	\$11,564	\$12,943
PR_VP018302 Portsmouth Pump Station Upgrades (VIP-HPP-04B)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$0	\$289	\$762	\$6,178	\$3,298	\$0	\$0	\$0	\$10,527	\$10,527
PR_VP018303 VIP Service Area I/I Reduction Phase III (PORTS)	Integrated Plan-HPP 1	\$925	\$859	\$2,622	\$2,622	\$1,986	\$0	\$0	\$0	\$0	\$0	\$351	\$9,015	\$9,366
PR_VP018304 Camden Avenue Pump Station Upgrades (VIP-HPP-04D)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$0	\$211	\$254	\$2,095	\$2,918	\$0	\$0	\$0	\$5,478	\$5,478
PR_VP018305 Camden Avenue Gravity Improvements (VIP-HPP-04E)	Integrated Plan-HPP 1	\$0	\$0	\$0	\$0	\$45	\$242	\$1,677	\$656	\$0	\$0	\$0	\$2,621	\$2,621
PR_VP018400 State Street Pressure Reducing Station and Offline Storage (VIP-HPP-05)	Integrated Plan-HPP 1	\$161	\$161	\$161	\$161	\$161	\$569	\$652	\$4,149	\$9,383	\$3,153	\$215	\$18,711	\$18,926
PR_VP018500 Elizabeth River Crossing Reliability Improvements	None	\$1,511	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$543	\$1,661	\$2,205
PR_VP018800 Virginia Initiative Plant Administration Building Renovation	None	\$1,671	\$777	\$13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$234	\$2,462	\$2,695
PR_VP018900 Norchester Pump Station Screening Improvements	None	\$89	\$310	\$70	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$469	\$469
PR_VP019000 Colley Avenue Pump Station Pump Replacement	None	\$64	\$576	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$640	\$650
PR_VP019100 Virginia Initiative Plant Incinerator Burner Replacement	None	\$600	\$900	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800	\$1,800
PR_VP019200 Virginia Initiative Plant Motor Control Center Replacements	None	\$604	\$1,271	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,875	\$1,875
PR_VP019300 High Priority Projects Round 2 Project 4	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PR_VP019400 High Priority Projects Round 2 Project 5	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Virginia Initiative Plant Subtotal		\$24,536	\$48,749	\$41,265	\$13,928	\$7,897	\$1,826	\$10,603	\$11,022	\$9,383	\$3,153	\$10,895	\$172,362	\$183,257
Williamsburg														
PR_WB012400 Williamsburg Treatment Plant Generator and Switchgear Replacement	None	\$333	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,680	\$335	\$15,015
PR_WB012500 Lodge Road Pump Station Upgrades	None	\$102	\$532	\$855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83	\$1,489	\$1,573
PR_WB012600 Kingsmill PS Piping Replacement and Wet Well Rehabilitation	None	\$1,146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,203	\$1,146	\$4,349
PR_WB012900 Williamsburg Treatment Plant Administration Building Renovation	None	\$2,212	\$193	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$254	\$2,406	\$2,660
PR_WB013000 Williamsburg Treatment Plant Intermediate Clarifier Wet Weather System	None	\$381	\$1,553	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,933	\$1,933
PR_WB013100 Williamsburg Treatment Plant Outfall Flow Control System Repairs	None	\$125	\$1,532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,657	\$1,657
PR_WB013200 High Priority Projects Round 2 Project 1	Integrated Plan-HPP 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,739	\$0	\$3,739	\$3,739
Williamsburg Subtotal		\$4,299	\$3,812	\$856	\$0	\$0	\$0	\$0	\$0	\$0	\$3,739	\$18,221	\$12,706	\$30,926
York River														
PR_YR010300 Foxridge, Woodland Road and Fox Hill Road Gravity Sewer Rehabilitation	Rehab Plan Phase Two	\$236	\$1,559	\$1,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,242	\$3,242
PR_YR010520 Magruder Mercury Interceptor Force Main Replacement-Section B	None	\$322	\$1,438	\$2,496	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$323	\$4,261	\$4,584
PR_YR010530 Magruder Mercury Interceptor Force Main Replacement-Section C	None	\$33	\$60	\$529	\$1,663	\$2,486	\$1,036	\$0	\$0	\$0	\$0	\$0	\$5,807	\$5,807
PR_YR010900 Tabb Pressure Reducing Station and Offline Storage Facility	None	\$2,711	\$10,716	\$3,577	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,854	\$17,004	\$18,858
PR_YR011900 Bethel-Poquoson Force Main Part III Replacement	None	\$97	\$194	\$113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$611	\$405	\$1,017
PR_YR013710 YRTP Advanced Nutrient Reduction Improvements Phase I	Integrated Plan-SWIFT	\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800	\$200	\$2,000
PR_YR013900 York River System Isolation Valve Installation and Replacement	None	\$4,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$329	\$4,452	\$4,781
PR_YR014000 York River Treatment Plant Administration Building Renovation	None	\$1,364	\$547	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$223	\$1,912	\$2,135
PR_YR014100 Coliseum Pressure Reducing Station Enhanced Storage	None	\$0	\$0	\$559	\$5,271	\$2,200	\$1	\$0	\$0	\$0	\$0	\$250	\$8,031	\$8,280

CAPITAL IMPROVEMENT PROGRAM
FY22 TO FY31 (\$,000)
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PR_YR014200 LaSalle Avenue Boat Harbor to York River Interconnect Force Main	None	\$41	\$0	\$557	\$3,461	\$2,889	\$0	\$0	\$0	\$0	\$0	\$166	\$6,948	\$7,113
PR_YR014300 Bethel-Poquoson Force Main Phase II (Wythe Creek Road) Replacement	None	\$2,488	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$279	\$2,493	\$2,772
PR_YR014500 York River Treatment Plant Headworks Building Motor Control Center Replacement	None	\$184	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$231	\$184	\$415
PR_YR014600 Bethel-Poquoson Force Main Part IV Replacement-Wythe Creek Exposed Crossing	None	\$35	\$366	\$444	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$845	\$845
York River Subtotal		\$12,164	\$14,886	\$9,723	\$10,399	\$7,575	\$1,037	\$0	\$0	\$0	\$0	\$6,065	\$55,784	\$61,849
General														
PR_GN010730 Horizontal Valve Replacement Phase III	Rehab Plan Phase Two	\$113	\$337	\$337	\$253	\$0	\$0	\$0	\$0	\$0	\$0	\$84	\$1,039	\$1,123
PR_GN013300 Treatment Plant Grease Handling Facilities	None	\$5,640	\$1,419	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,979	\$7,059	\$11,038
PR_GN014900 North Shore Gravity Sewer Improvements Phase I	Rehab Plan Phase Two	\$1,890	\$2,311	\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$359	\$4,208	\$4,567
PR_GN015000 South Shore Gravity Sewer Improvements Phase I	Rehab Plan Phase Two	\$70	\$252	\$422	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39	\$743	\$783
PR_GN015300 Interceptor System Valve Improvements Phase I	Rehab Plan Phase Two	\$141	\$902	\$1,306	\$218	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$2,566	\$2,726
PR_GN015400 South Shore Aerial Crossing Improvements	Rehab Plan Phase Two	\$11	\$127	\$121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19	\$260	\$279
PR_GN015800 North Shore Automated Diversion Facilities	None	\$748	\$1,246	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$238	\$1,993	\$2,231
PR_GN016210 SWIFT Nansemond Full Scale MAR Well Installation	Integrated Plan-SWIFT	\$1,513	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$697	\$1,513	\$2,210
PR_GN016220 SWIFT Research Center Full Scale MAR Well Integration	Integrated Plan-SWIFT	\$782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$411	\$782	\$1,193
PR_GN016310 Integrated Planning of SWIFT	Integrated Plan-SWIFT	\$904	\$902	\$913	\$904	\$627	\$194	\$0	\$0	\$0	\$0	\$4,056	\$4,444	\$8,500
PR_GN016311 Outfall Dispersion Modeling for Full Scale SWIFT	Integrated Plan-SWIFT	\$177	\$175	\$176	\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$629	\$596	\$1,225
PR_GN016320 Program Management of SWIFT Full Scale Implementation	Integrated Plan-SWIFT	\$5,705	\$5,448	\$5,688	\$5,688	\$5,688	\$5,688	\$5,688	\$5,688	\$5,688	\$5,688	\$12,195	\$56,659	\$68,854
PR_GN016342 Williamsburg SWIFT Land Acquisition	Integrated Plan-SWIFT	\$0	\$0	\$0	\$0	\$632	\$865	\$0	\$0	\$0	\$0	\$3	\$1,497	\$1,500
PR_GN016343 James River SWIFT Land Acquisition	Integrated Plan-SWIFT	\$9,561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,969	\$9,561	\$12,530
PR_GN016344 James River Land Improvements	Integrated Plan-SWIFT	\$288	\$758	\$1,308	\$1,314	\$1,007	\$0	\$0	\$0	\$0	\$0	\$531	\$4,675	\$5,206
PR_GN016345 Boat Harbor Pump Station Land Acquisition	Integrated Plan-SWIFT	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000	\$3,000
PR_GN016346 Boat Harbor Transmission Force Main Land Acquisition	Integrated Plan-SWIFT	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500	\$2,500
PR_GN016350 Williamsburg SWIFT Facility	Integrated Plan-SWIFT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$684	\$0	\$684
PR_GN016351 Williamsburg Recharge Wells	Integrated Plan-SWIFT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,065	\$0	\$1,065	\$1,065
PR_GN016360 James River SWIFT Facility	Integrated Plan-SWIFT	\$20,940	\$55,964	\$88,623	\$69,586	\$16,112	\$0	\$0	\$0	\$0	\$0	\$7,172	\$251,225	\$258,397
PR_GN016361 James River Recharge Wells	Integrated Plan-SWIFT	\$2,106	\$7,503	\$9,445	\$7,260	\$1,600	\$0	\$0	\$0	\$0	\$0	\$1,298	\$27,914	\$29,212
PR_GN016370 York River SWIFT Facility	Integrated Plan-SWIFT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,412	\$0	\$1,412	\$1,412
PR_GN016371 York River Recharge Wells	Integrated Plan-SWIFT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PR_GN016380 Nansemond SWIFT Facility	Integrated Plan-SWIFT	\$1,398	\$3,788	\$3,499	\$14,983	\$60,565	\$91,555	\$86,265	\$40,669	\$4,291	\$0	\$0	\$307,013	\$307,013
PR_GN016381 Nansemond Recharge Wells	Integrated Plan-SWIFT	\$0	\$0	\$1,412	\$801	\$1,761	\$12,129	\$17,142	\$13,063	\$2,580	\$0	\$0	\$48,888	\$48,888
PR_GN016390 VIP SWIFT Facility	Integrated Plan-SWIFT	\$0	\$0	\$5,507	\$342	\$9,361	\$33,193	\$83,586	\$97,342	\$78,613	\$25,514	\$0	\$333,458	\$333,458
PR_GN016391 VIP Recharge Wells	Integrated Plan-SWIFT	\$170	\$1,942	\$684	\$609	\$10,167	\$10,772	\$10,801	\$10,772	\$10,772	\$10,772	\$0	\$67,461	\$67,461
PR_GN016392 VIP SWIFT Site Work	Integrated Plan-SWIFT	\$692	\$327	\$731	\$21,718	\$15,426	\$0	\$0	\$0	\$0	\$0	\$0	\$38,894	\$38,894
PR_GN016700 Treatment Plant Solids Handling Replacement Phase II	None	\$1,409	\$2,714	\$1,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202	\$5,479	\$5,681
PR_GN017100 Climate Change Planning	None	\$892	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,081	\$892	\$2,973
PR_GN017200 Interceptor Systems PS Control and SCADA Upgrades and Enhancements Phase II	None	\$3,312	\$2,235	\$34	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,587	\$5,581	\$9,168
PR_GN017300 Treatment Plant Dewatering Replacement Program	None	\$0	\$0	\$3,889	\$3,889	\$3,889	\$3,889	\$3,889	\$3,889	\$3,889	\$3,889	\$0	\$31,112	\$31,112
PR_GN017400 Treatment Plant Dewatering Replacement Phase III	Nutrient Reduction	\$748	\$2,346	\$469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,563	\$3,563
PR_GN017500 Fleet Management Program	None	\$0	\$1,500	\$1,500	\$1,100	\$1,887	\$1,887	\$1,887	\$1,886	\$0	\$0	\$0	\$11,647	\$11,647
PR_GN017900 Solids System Improvements for Army Base MHI Offline	Clean Air Act	\$989	\$1,920	\$640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$376	\$3,549	\$3,925
PR_GN018000 Inflow Reduction Program - Phase I	None	\$1,544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$497	\$1,544	\$2,041
PR_GN018100 Fleet Management (FY22)	None	\$3,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,600	\$3,600
PR_GN018200 Water Quality Department Instrumentation Equipment (FY22)	None	\$463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$463	\$463
PR_GN018300 High Risk Clamp Replacement Program-Phase 1	None	\$395	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$395	\$395
General Subtotal		\$71,701	\$94,116	\$128,068	\$128,733	\$128,723	\$160,173	\$209,258	\$173,308	\$105,834	\$48,340	\$42,263	\$1,248,254	\$1,290,516
Future Improvements														
PR_IP010400 Interceptor System Rehabilitation and Replacement	None	\$0	\$0	\$0	\$2,239	\$2,604	\$774	\$2,693	\$3,868	\$71,479	\$133,358	\$0	\$217,014	\$217,014
Future Improvements Subtotal		\$0	\$0	\$0	\$2,239	\$2,604	\$774	\$2,693	\$3,868	\$71,479	\$133,358	\$0	\$217,014	\$217,014

CAPITAL IMPROVEMENT PROGRAM

FY22 TO FY31 (\$,000)

Based on Program Cost Estimates (Project Contingencies not Included)

	Regulatory Type	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	Proj Exp to Prev Yr	Sum FY22 to FY31	Est Program Cost
CIP Totals		\$290,000	\$401,961	\$509,524	\$400,000	\$223,810	\$223,810	\$247,619	\$200,000	\$190,476	\$190,476	\$205,216	\$2,877,675	\$3,082,891