

Enterprise Funds

Overview of Enterprise Funds CIP

Enterprise Funds are used to account for operations that are funded and operated in a manner similar to private businesses. Carroll County has six enterprise funds: Carroll County Regional Airport, Fiber Network, Hap Baker Firearms Facility, Septage, Solid Waste, and Utilities (Water and Sewer). There are no projects for the Firearms Facility or Septage Enterprise Funds.

Fiber Network

The Fiber Network CIP includes funding of \$1.0M in FY 22 and \$55,000 in FY 26 for Carroll County Public Network (CCPN) equipment replacement.

Solid Waste

The Solid Waste CIP includes funding of \$0.2M in FY 22 for Rain Flap installation at the Northern Landfill.

Utilities

The Bureau of Utilities operates Freedom Sewer, Freedom Water, Hampstead Sewer, and several other small water and sewer systems. Projects can generally be divided into those intended to improve the existing system, such as rehabilitation projects to reduce inflow and infiltration, and those intended to provide for increased demand. Included in the FY 22 – 27 CIP is \$2.9M for sewer line repairs, \$3.4M for water line repairs, and \$12.5M for water and sewer line upgrades in the Town of Sykesville. There is also \$3.0M in FY 22 and 23 for a redundant sludge press at the Hampstead WWTP.

For additional information on these or other Enterprise Fund projects, please refer to the individual project pages.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
AIRPORT ENTERPRISE FUND									
Grounds and Maintenance Equipment	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$0	\$0	\$216,000
AIRPORT ENTERPRISE FUND TOTAL	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$0	\$0	\$216,000
SOURCES OF FUNDING:									
Transfer from General Fund	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$0	\$0	\$96,000
Federal Aviation Administration	20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
AIRPORT ENTERPRISE FUND TOTAL	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$0	\$0	\$216,000

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
FIBER NETWORK ENTERPRISE FUND									
CCPN Equipment Replacement	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680
FIBER NETWORK ENTERPRISE FUND TOTAL	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680
SOURCES OF FUNDING:									
Transfer from General Fund	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680
FIBER NETWORK ENTERPRISE FUND TOTAL	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
SOLID WASTE ENTERPRISE FUND									
Landfill Expansion and Improvements	\$25,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000,000
Northern Landfill Rain Flap Installation	180,000	0	0	0	0	0	0	0	180,000
SOLID WASTE ENTERPRISE FUND TOTAL	\$25,180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,180,000
SOURCES OF FUNDING:									
Transfer from General Fund	\$25,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000,000
Enterprise Fund - Solid Waste	180,000	0	0	0	0	0	0	0	180,000
SOLID WASTE ENTERPRISE FUND TOTAL	\$25,180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,180,000

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
UTILITIES ENTERPRISE FUND									
County Sewer Line Rehabilitation and Replacement	\$481,000	\$481,000	\$481,000	\$481,000	\$481,000	\$481,000	\$481,000	\$0	\$3,367,000
County Water Line Rehabilitation and Replacement	798,000	837,000	879,000	923,000	0	0	1,419,000	0	4,856,000
Freedom Water Treatment Plant Equipment Replacement	103,490	0	0	0	0	0	500,000	0	603,490
Freedom Wells and Connections	975,000	0	0	0	0	0	1,423,000	0	2,398,000
Freedom WTP Membrane Replacement	206,000	206,000	206,000	206,000	206,000	206,000	1,493,250	0	2,729,250
Hampstead WWTP ENR Upgrade	400,000	0	0	0	0	0	0	0	400,000
Hampstead WWTP Sludge Press	300,000	2,700,000	0	0	0	0	0	0	3,000,000
Kabik Court Water Supply	100,000	0	0	0	0	0	0	0	100,000
Patapsco Valley Pump Station Upgrade	0	0	300,000	770,000	0	0	0	0	1,070,000
Pump Station Equipment Replacement	214,681	200,000	200,000	200,000	200,000	200,000	0	0	1,214,681
Runnymede Wastewater Treatment Facility Rehabilitation	44,000	297,000	0	0	0	0	28,000	0	369,000
Sewer Manhole Rehabilitation	87,000	91,000	96,000	99,000	102,000	106,000	2,317,200	0	2,898,200
Shiloh Pump Station Expansion	0	220,000	1,455,000	0	0	0	0	0	1,675,000
Standby Generator Replacement	37,000	33,000	0	0	0	0	547,550	0	617,550
Sykesville Pump Station Expansion	0	290,000	2,086,200	0	0	0	0	0	2,376,200
Tank Rehabilitation and Replacement	565,000	565,000	565,000	565,000	565,000	565,000	3,498,032	0	6,888,032
Town of Sykesville Water and Sewer Upgrades	4,495,000	8,045,000	0	0	0	0	6,045,000	0	18,585,000
Water Main Loops	440,000	440,000	440,000	440,000	440,000	440,000	1,777,872	0	4,417,872
Water Main Valve Replacements	360,000	360,000	360,000	360,000	360,000	0	2,039,700	0	3,839,700
Water Meters	671,000	687,500	709,500	731,000	753,000	759,000	6,371,629	0	10,682,629
Water Service Line Replacement	310,800	326,700	342,600	352,000	90,000	0	2,063,400	0	3,485,500
Winfield Pump Station Rehabilitation	400,000	0	0	0	0	0	0	0	400,000
UTILITIES ENTERPRISE FUND	\$10,987,971	\$15,779,200	\$8,120,300	\$5,127,000	\$3,197,000	\$2,757,000	\$30,004,633	\$0	\$75,973,104
SOURCES OF FUNDING:									
Transfer from General Fund	\$544,000	\$297,000	\$0	\$0	\$0	\$0	\$28,000	\$0	\$869,000
Utilities Maintenance Fee	5,669,000	9,297,500	1,274,500	1,296,000	1,318,000	1,324,000	7,431,574	0	27,610,574
Reallocated Utilities Maintenance Fees	62,000	0	0	0	0	0	900,000	0	962,000
Utilities Sewer User Fees	824,000	4,015,000	4,618,200	1,550,000	783,000	787,000	4,034,240	0	16,611,440
Reallocated Utilities Sewer User Fees	695,681	0	0	0	0	0	1,250,000	0	1,945,681
Utilities Water User Fees	3,193,290	2,169,700	2,227,600	2,281,000	1,096,000	646,000	16,252,197	0	27,865,787
Area Connection Charges	0	0	0	0	0	0	108,622	0	108,622
UTILITIES ENTERPRISE FUND	\$10,987,971	\$15,779,200	\$8,120,300	\$5,127,000	\$3,197,000	\$2,757,000	\$30,004,633	\$0	\$75,973,104

Community Investment Plan - Schedule of Reappropriations
Fiscal Year 2022

Reappropriations are a transfer of funds. They may occur when there are unspent budgeted funds from a completed or cancelled project, or when there is an unallocated project that holds funds for future use.

Enterprise Funds

	Project		Source/Amount		
	From	To	Current	Bonds	Other
6390 Sykesville Water Tank		6332 Tank Rehabilitation and Replacement	\$62,000.00		
6421 Sewer Main Rehabilitation and Replacement		Pump Station Equipment Replacement	95,163.19		
6448 Sewer Pipe Rehabilitation and Replacement		Pump Station Equipment Replacement	119,518.16		
6448 Sewer Pipe Rehabilitation and Replacement		6461 County Sewer Line Rehabilitation and Replacement	481,000.00		
		Total	\$757,681.35	\$0.00	\$0.00

Airport Enterprise Fund

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
AIRPORT ENTERPRISE FUND									
Grounds and Maintenance Equipment	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$0	\$0	\$216,000
AIRPORT ENTERPRISE FUND TOTAL	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$0	\$0	\$216,000
SOURCES OF FUNDING:									
Transfer from General Fund	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$0	\$0	\$96,000
Federal Aviation Administration	20,000	20,000	20,000	20,000	20,000	20,000	0	0	120,000
AIRPORT ENTERPRISE FUND TOTAL	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000	\$0	\$0	\$216,000

Grounds and Maintenance Equipment

Commissioner District: 3

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6818

This project provides ongoing funding for grounds and maintenance equipment at the Carroll County Regional Airport, located off Route 97 in Westminster. The Federal Aviation Administration (FAA) has approved County use of rental revenues collected from properties that were jointly purchased by the Airport and the FAA.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	36,000	36,000	36,000	36,000	36,000	36,000			216,000
Other									0
EXPENDITURES									
TOTAL	36,000	36,000	36,000	36,000	36,000	36,000	0	0	216,000
SOURCES OF FUNDING									
Transfer from General Fund	16,000	16,000	16,000	16,000	16,000	16,000			96,000
Reallocated GF Transfer									0
MD Aviation Administration									0
Federal Aviation Administration	20,000	20,000	20,000	20,000	20,000	20,000			120,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Fiber Network Enterprise Fund

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
FIBER NETWORK ENTERPRISE FUND									
CCPN Equipment Replacement	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680
FIBER NETWORK ENTERPRISE FUND TOTAL	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680
SOURCES OF FUNDING:									
Transfer from General Fund	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680
FIBER NETWORK ENTERPRISE FUND TOTAL	\$1,022,680	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$1,077,680

CCPN Equipment Replacement

Chizuko M. Godwin, Senior Management and Budget Analyst (410) 386-2082

6606

This project provides funding for the replacement of equipment installed for the Carroll County Public Network (CCPN).

Operating impacts include hardware maintenance agreements.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	1,022,680				55,000				1,077,680
Other									0
EXPENDITURES									
TOTAL	1,022,680	0	0	0	55,000	0	0	0	1,077,680
SOURCES OF FUNDING									
Transfer from General Fund	1,022,680				55,000				1,077,680
Reallocated GF Transfer									0
Bonds									0
Reallocated Bonds									0
PROJECTED OPERATING IMPACTS	0	0	90,000	94,500	99,230	104,190			

Solid Waste Enterprise Fund

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
SOLID WASTE ENTERPRISE FUND									
Landfill Expansion and Improvements	\$25,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000,000
Northern Landfill Rain Flap Installation	180,000	0	0	0	0	0	0	0	180,000
SOLID WASTE ENTERPRISE FUND TOTAL	\$25,180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,180,000
SOURCES OF FUNDING:									
Transfer from General Fund	\$25,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000,000
Enterprise Fund - Solid Waste	180,000	0	0	0	0	0	0	0	180,000
SOLID WASTE ENTERPRISE FUND TOTAL	\$25,180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,180,000

Landfill Expansion and Improvements

Commissioner District: 2

Ashleigh Smith, Management and Budget Analyst (410) 386-2082

6540

This project provides funding for expansion and improvement projects for the Solid Waste Enterprise Fund.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	25,000,000								25,000,000
EXPENDITURES									

TOTAL	25,000,000	0	0	0	0	0	0	0	25,000,000
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SOURCES OF FUNDING									
Transfer from General Fund	25,000,000								25,000,000
Reallocated GF Transfer									0
Enterprise Fund - Solid Waste									0
Reallocated Enterprise Fund - Solid Waste									0

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

Northern Landfill Rain Flap Installation

Commissioner District: 2

Ashleigh Smith, Management and Budget Analyst (410) 386-2082

6542

This project provides funding for the design and construction of a rain flap for the newly opened portion of cell 3 at Northern Landfill, located in Westminster.

Operating impacts include additional leachate hauling.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	30,000								30,000
Land Acquisition									0
Site Work									0
Construction	150,000								150,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	180,000	0	0	0	0	0	0	0	180,000
SOURCES OF FUNDING									
Transfer from General Fund									0
Bonds									0
Reallocated Bonds									0
Enterprise Fund - Solid Waste	180,000								180,000
PROJECTED OPERATING IMPACTS	0	300,000	309,000	318,270	327,800	337,650			

Utilities Enterprise Fund

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2022 TO 2027

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance To Complete	Total Project Cost
UTILITIES ENTERPRISE FUND									
County Sewer Line Rehabilitation and Replacement	\$481,000	\$481,000	\$481,000	\$481,000	\$481,000	\$481,000	\$481,000	\$0	\$3,367,000
County Water Line Rehabilitation and Replacement	798,000	837,000	879,000	923,000	0	0	1,419,000	0	4,856,000
Freedom Water Treatment Plant Equipment Replacement	103,490	0	0	0	0	0	500,000	0	603,490
Freedom Wells and Connections	975,000	0	0	0	0	0	1,423,000	0	2,398,000
Freedom WTP Membrane Replacement	206,000	206,000	206,000	206,000	206,000	206,000	1,493,250	0	2,729,250
Hampstead WWTP ENR Upgrade	400,000	0	0	0	0	0	0	0	400,000
Hampstead WWTP Sludge Press	300,000	2,700,000	0	0	0	0	0	0	3,000,000
Kabik Court Water Supply	100,000	0	0	0	0	0	0	0	100,000
Patapsco Valley Pump Station Upgrade	0	0	300,000	770,000	0	0	0	0	1,070,000
Pump Station Equipment Replacement	214,681	200,000	200,000	200,000	200,000	200,000	0	0	1,214,681
Runnymede Wastewater Treatment Facility Rehabilitation	44,000	297,000	0	0	0	0	28,000	0	369,000
Sewer Manhole Rehabilitation	87,000	91,000	96,000	99,000	102,000	106,000	2,317,200	0	2,898,200
Shiloh Pump Station Expansion	0	220,000	1,455,000	0	0	0	0	0	1,675,000
Standby Generator Replacement	37,000	33,000	0	0	0	0	547,550	0	617,550
Sykesville Pump Station Expansion	0	290,000	2,086,200	0	0	0	0	0	2,376,200
Tank Rehabilitation and Replacement	565,000	565,000	565,000	565,000	565,000	565,000	3,498,032	0	6,888,032
Town of Sykesville Water and Sewer Upgrades	4,495,000	8,045,000	0	0	0	0	6,045,000	0	18,585,000
Water Main Loops	440,000	440,000	440,000	440,000	440,000	440,000	1,777,872	0	4,417,872
Water Main Valve Replacements	360,000	360,000	360,000	360,000	360,000	0	2,039,700	0	3,839,700
Water Meters	671,000	687,500	709,500	731,000	753,000	759,000	6,371,629	0	10,682,629
Water Service Line Replacement	310,800	326,700	342,600	352,000	90,000	0	2,063,400	0	3,485,500
Winfield Pump Station Rehabilitation	400,000	0	0	0	0	0	0	0	400,000
UTILITIES ENTERPRISE FUND	\$10,987,971	\$15,779,200	\$8,120,300	\$5,127,000	\$3,197,000	\$2,757,000	\$30,004,633	\$0	\$75,973,104
SOURCES OF FUNDING:									
Transfer from General Fund	\$544,000	\$297,000	\$0	\$0	\$0	\$0	\$28,000	\$0	\$869,000
Utilities Maintenance Fee	5,669,000	9,297,500	1,274,500	1,296,000	1,318,000	1,324,000	7,431,574	0	27,610,574
Reallocated Utilities Maintenance Fees	62,000	0	0	0	0	0	900,000	0	962,000
Utilities Sewer User Fees	824,000	4,015,000	4,618,200	1,550,000	783,000	787,000	4,034,240	0	16,611,440
Reallocated Utilities Sewer User Fees	695,681	0	0	0	0	0	1,250,000	0	1,945,681
Utilities Water User Fees	3,193,290	2,169,700	2,227,600	2,281,000	1,096,000	646,000	16,252,197	0	27,865,787
Area Connection Charges	0	0	0	0	0	0	108,622	0	108,622
UTILITIES ENTERPRISE FUND	\$10,987,971	\$15,779,200	\$8,120,300	\$5,127,000	\$3,197,000	\$2,757,000	\$30,004,633	\$0	\$75,973,104

County Sewer Line Rehabilitation and Replacement

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6461

This project provides ongoing funding for the rehabilitation, repair, or replacement of aging sewer lines in the Freedom, Hampstead, and Pleasant Valley Service Areas.

This project combines the former Hampstead Sewer Rehabilitation, Freedom Sewer Rehabilitation, and Sewer Line Repair, Replacement, and New Installation projects.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	440,000	440,000	440,000	440,000	440,000	440,000	440,000		3,080,000
Equipment/Furnishings									0
Other	41,000	41,000	41,000	41,000	41,000	41,000	41,000		287,000
EXPENDITURES									

TOTAL	481,000	481,000	481,000	481,000	481,000	481,000	481,000	0	3,367,000
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SOURCES OF FUNDING									
Utilities Maintenance Fee									0
Utilities Sewer User Fees		481,000	481,000	481,000	481,000	481,000	481,000		2,886,000
Reallocated Utilities Sewer User	481,000								481,000
Utilities Water User Fees									0

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0	0	0	0

County Water Line Rehabilitation and Replacement

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6456

This project provides ongoing funding for the rehabilitation, repair, or replacement of aging water lines in the Freedom, Bark Hill, and Pleasant Valley Service Areas.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	204,000	216,000	230,000	241,000			187,000		1,078,000
Land Acquisition									0
Site Work									0
Construction	540,000	565,000	590,000	620,000			1,180,000		3,495,000
Equipment/Furnishings									0
Other	54,000	56,000	59,000	62,000			52,000		283,000
EXPENDITURES									
TOTAL	798,000	837,000	879,000	923,000	0	0	1,419,000	0	4,856,000
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	798,000	837,000	879,000	923,000			1,419,000		4,856,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Freedom Water Treatment Plant Equipment Replacement

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6462

This project provides funding to replace equipment at the Freedom Water Treatment Plant including the generator, finish water pumps, and motor control centers.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	103,490						500,000		603,490
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	103,490	0	0	0	0	0	500,000	0	603,490
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	103,490						500,000		603,490
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Freedom Wells and Connections

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6445

This project provides funding to add wells to provide additional sources of water to the Freedom Water Service Area and rehabilitate existing well houses.

Operating impacts to be determined as the project develops.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	150,000						195,000		345,000
Land Acquisition							110,000		110,000
Site Work									0
Construction	825,000						1,039,000		1,864,000
Equipment/Furnishings									0
Other							79,000		79,000
EXPENDITURES									
TOTAL	975,000	0	0	0	0	0	1,423,000	0	2,398,000
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	975,000						1,423,000		2,398,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Freedom WTP Membrane Replacement

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6434

This project provides ongoing funding to replace the membrane filters at the Freedom Water Treatment Plant (WTP), previously replaced in FY 16. Funding is being accumulated for future replacement of the filters.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	190,000	190,000	190,000	190,000	190,000	190,000	1,344,000		2,484,000
Other	16,000	16,000	16,000	16,000	16,000	16,000	149,250		245,250
EXPENDITURES									
TOTAL	206,000	206,000	206,000	206,000	206,000	206,000	1,493,250	0	2,729,250
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	206,000	206,000	206,000	206,000	206,000	206,000	1,493,250		2,729,250
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Hampstead WWTP ENR Upgrade

Commissioner District: 2

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6430

This project provides funding for the required upgrade at the Hampstead Wastewater Treatment Plant. The Maryland Department of the Environment (MDE) is requiring this wastewater treatment facility to meet the Enhanced Nutrient Removal (ENR) effluent limits.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	360,000								360,000
Equipment/Furnishings	40,000								40,000
Other									0
EXPENDITURES									
TOTAL	400,000	0	0	0	0	0	0	0	400,000
SOURCES OF FUNDING									
Utilities Maintenance Fee									0
Utilities Sewer User Fees	400,000								400,000
Area Connection Charges									0
MD Department of Environment									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Hampstead WWTP Sludge Press

Commissioner District: 1

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for the installation of a redundant sludge press at the Hampstead Wastewater Treatment Plant, located in the Town of Hampstead.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	300,000								300,000
Land Acquisition									0
Site Work									0
Construction		2,700,000							2,700,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	300,000	2,700,000	0	0	0	0	0	0	3,000,000
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	300,000	2,700,000							3,000,000
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Kabik Court Water Supply

Commissioner District: 4

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for the replacement of a 10,000 gallon water tank on Kabik Court in Woodbine.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	100,000								100,000
Other									0
EXPENDITURES									
TOTAL	100,000	0	0	0	0	0	0	0	100,000
SOURCES OF FUNDING									
Transfer from General Fund	100,000								100,000
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Patapsco Valley Pump Station Upgrade

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to rehabilitate and expand the Patapsco Valley Pump Station, located in Sykesville, to prepare for anticipated additional flows. Included are replacement pumps, controls, grinder, and generator; as well as wet well relocation, new roofing, bypass valving, fencing, and paving repairs.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			300,000						300,000
Land Acquisition									0
Site Work									0
Construction				700,000					700,000
Equipment/Furnishings									0
Other				70,000					70,000
EXPENDITURES									
TOTAL	0	0	300,000	770,000	0	0	0	0	1,070,000
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Sewer User Fees			300,000	770,000					1,070,000
Utilities Water User Fees									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Pump Station Equipment Replacement

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides funding for replacement equipment at the twenty-one pump stations in the Freedom and Hampstead service areas, including pumps and grinders.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	214,681	200,000	200,000	200,000	200,000	200,000			1,214,681
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	214,681	200,000	200,000	200,000	200,000	200,000	0	0	1,214,681
SOURCES OF FUNDING									
Utilities Maintenance Fee									0
Utilities Sewer User Fees		200,000	200,000	200,000	200,000	200,000			1,000,000
Reallocated Utilities Sewer User	214,681								214,681
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Runnymede Wastewater Treatment Facility Rehabilitation

Commissioner District: 1

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6457

This project provides planned funding for the rehabilitation of the Runnymede Sequential Batch Reactor (SBR) Wastewater Treatment Facility, which was put in service in 1994 and serves Runnymede Elementary School. The scope includes replacement pumps, UV blowers, a generator, and a transfer switch; as well as electrical/control upgrades, painting of the SBR tanks, and other site improvements.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	40,000						25,000		65,000
Land Acquisition									0
Site Work									0
Construction		270,000							270,000
Equipment/Furnishings									0
Other	4,000	27,000					3,000		34,000
EXPENDITURES									
TOTAL	44,000	297,000	0	0	0	0	28,000	0	369,000
SOURCES OF FUNDING									
Transfer from General Fund	44,000	297,000					28,000		369,000
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Sewer Manhole Rehabilitation

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6403

This project provides ongoing funding to rehabilitate sewer manholes. Repair strategies include: foam injection rehabilitation, spray-on lining structure rehabilitation, addition of manhole risers to raise the top of structures, and replacement of existing manhole covers with sealed structures. New manhole installations are also included in this project.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	79,000	83,000	87,000	90,000	93,000	96,000	2,302,200		2,830,200
Equipment/Furnishings									0
Other	8,000	8,000	9,000	9,000	9,000	10,000	15,000		68,000
EXPENDITURES									
TOTAL	87,000	91,000	96,000	99,000	102,000	106,000	2,317,200	0	2,898,200
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	87,000	91,000	96,000	99,000	102,000	106,000	2,317,200		2,898,200
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Shiloh Pump Station Expansion

Commissioner District: 2

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to expand capacity for anticipated future flows at the Shiloh Pump Station, located on Shiloh Road in Hampstead. Included are replacement pumps, controls, grinder, and generator; as well as new roofing, bypass valving, fencing, and paving repairs.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		220,000							220,000
Land Acquisition									0
Site Work									0
Construction			1,455,000						1,455,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	220,000	1,455,000	0	0	0	0	0	1,675,000
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		220,000	1,455,000						1,675,000
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Standby Generator Replacement

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6443

This project provides funding for replacement of aging standby generators, which are critical to providing water and sewer service should a power failure occur.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	33,000	30,000					407,550		470,550
Other	4,000	3,000					140,000		147,000
EXPENDITURES									
TOTAL	37,000	33,000	0	0	0	0	547,550	0	617,550
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	37,000	33,000					486,040		556,040
Utilities Water User Fees							61,510		61,510
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Sykesville Pump Station Expansion

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to expand capacity for anticipated future flows at the Sykesville Pump Station, located on Main Street in Sykesville. Included are replacement pumps, controls, grinder, and a generator; as well as wet well relocation, new roofing, bypass valving, fencing, and paving repairs.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		290,000							290,000
Land Acquisition									0
Site Work									0
Construction			1,914,700						1,914,700
Equipment/Furnishings									0
Other			171,500						171,500
EXPENDITURES									
TOTAL	0	290,000	2,086,200	0	0	0	0	0	2,376,200
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		290,000	2,086,200						2,376,200
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Tank Rehabilitation and Replacement

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6332

This project provides ongoing funding for tank inspections every three years and the rehabilitation and/or replacement of existing tanks. General maintenance, site work, and repairs are also included. Listed below are planned projects:

Bartholow
Linton
Pleasant Valley

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							102,500		102,500
Land Acquisition							250,000		250,000
Site Work	515,000	515,000	515,000	515,000	515,000	515,000	2,804,350		5,894,350
Construction									0
Equipment/Furnishings									0
Other	50,000	50,000	50,000	50,000	50,000	50,000	341,182		641,182
EXPENDITURES									

TOTAL	565,000	565,000	565,000	565,000	565,000	565,000	3,498,032	0	6,888,032
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SOURCES OF FUNDING									
Utilities Maintenance Fee	503,000	565,000	565,000	565,000	565,000	565,000	1,845,000		5,173,000
Reallocated Utilities Maintenance	62,000								62,000
Utilities Sewer User Fees									0
Utilities Water User Fees							1,653,032		1,653,032

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			

Town of Sykesville Water and Sewer Upgrades

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6431

This project provides funding to rehabilitate or replace clay pipes that are more than 50 years old along Main Street and the surrounding roads in the Town of Sykesville. This project combines the former Town of Sykesville Main Street Water and Sewer Upgrades and Town of Sykesville Water and Sewer Upgrades projects.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							1,450,000		1,450,000
Land Acquisition									0
Site Work									0
Construction	4,495,000	8,045,000					4,470,000		17,010,000
Equipment/Furnishings									0
Other							125,000		125,000
EXPENDITURES									
TOTAL	4,495,000	8,045,000	0	0	0	0	6,045,000	0	18,585,000
SOURCES OF FUNDING									
Utilities Maintenance Fee	4,495,000	8,045,000					3,145,000		15,685,000
Reallocated Utilities Maintenance Fees							900,000		900,000
Utilities Sewer User Fees							750,000		750,000
Reallocated Utilities Sewer User Fees							1,250,000		1,250,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Water Main Loops

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6425

This project provides ongoing funding to connect various water mains in the Freedom Area Water System. Looping of water mains is the connection of dead ends of two separate water lines. Connecting these lines improves water flow throughout the system, and helps maintain and improve water quality.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							50,622		50,622
Land Acquisition							16,000		16,000
Site Work									0
Construction	400,000	400,000	400,000	400,000	400,000	400,000	1,604,250		4,004,250
Equipment/Furnishings									0
Other	40,000	40,000	40,000	40,000	40,000	40,000	107,000		347,000
EXPENDITURES									
TOTAL	440,000	440,000	440,000	440,000	440,000	440,000	1,777,872	0	4,417,872
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	440,000	440,000	440,000	440,000	440,000	440,000	1,777,872		4,417,872
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Water Main Valve Replacements

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6428

This project provides ongoing funding to replace the County's water main valves and blow-off valves. Water main valves are needed to shut off lines in the event of water main breaks or if new connections are added into the system. Blow-off valves allow for water line flushing. The planned allocation will fund approximately 25 blow-off valve replacements and 5 water main valve replacements annually.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	325,000	325,000	325,000	325,000	325,000		1,915,800		3,540,800
Equipment/Furnishings									0
Other	35,000	35,000	35,000	35,000	35,000		123,900		298,900
EXPENDITURES									
TOTAL	360,000	360,000	360,000	360,000	360,000	0	2,039,700	0	3,839,700
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	360,000	360,000	360,000	360,000	360,000		2,039,700		3,839,700
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Water Meters

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6311

This project provides ongoing funding for the upgrade and replacement of approximately 10,000 residential meters and 420 commercial meters. The upgrade includes software and hardware equipment that will enable remote readings, and could also include replacement of, or conversion to, meter vaults. Conversion moves the meter from inside private houses to a vault located in the County right-of-way to allow easier maintenance and meter readings.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	610,000	625,000	645,000	665,000	685,000	690,000	3,391,407		7,311,407
Equipment/Furnishings							2,746,922		2,746,922
Other	61,000	62,500	64,500	66,000	68,000	69,000	233,300		624,300
EXPENDITURES									
TOTAL	671,000	687,500	709,500	731,000	753,000	759,000	6,371,629	0	10,682,629
SOURCES OF FUNDING									
Utilities Maintenance Fee	671,000	687,500	709,500	731,000	753,000	759,000	2,441,574		6,752,574
Utilities Sewer User Fees									0
Utilities Water User Fees							3,821,433		3,821,433
Area Connection Charges							108,622		108,622
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Water Service Line Replacement

Commissioner District: 5

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

6429

This project provides ongoing funding to replace water service lines in the Freedom Water Service Area. Leaking water lines lead to increased operational costs and loss of treated water. The allocation for this project funds the replacement of approximately 80 - 90 water service lines annually.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	283,000	297,000	312,000	327,000	85,000		1,986,300		3,290,300
Equipment/Furnishings									0
Other	27,800	29,700	30,600	25,000	5,000		77,100		195,200
EXPENDITURES									
TOTAL	310,800	326,700	342,600	352,000	90,000	0	2,063,400	0	3,485,500
SOURCES OF FUNDING									
Transfer from General Fund									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	310,800	326,700	342,600	352,000	90,000		2,063,400		3,485,500
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Winfield Pump Station Rehabilitation

Commissioner District: 4

Stephanie R. Krome, Senior Management and Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for the rehabilitation of the Winfield Pump Station, which serves Winfield Elementary. Included are replacement pumps, controls, and generator; as well as new roofing, bypass valving, fencing, and paving repairs.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	365,000								365,000
Equipment/Furnishings									0
Other	35,000								35,000
EXPENDITURES									
TOTAL	400,000	0	0	0	0	0	0	0	400,000
SOURCES OF FUNDING									
Transfer from General Fund	400,000								400,000
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			