#### 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		1125		1120	1120	112,	motution	compiete	Tiget cost
County Sewer Line Rehabilitation and Replacement	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$481,000	\$0	\$4,441,000
County Water Line Rehabilitation and Replacement	800,000	800,000	800,000	800,000	800,000	800,000	1,485,000	0	6,285,000
Freedom Water Treatment Plant Equipment Replacement	103,490	103,490	105,000	105,000	107,500	107,500	500,000	0	1,131,980
Freedom Wells and Connections	975,000	200,000	200,000	200,000	200,000	200,000	1,423,000	0	3,398,000
Freedom WTP Membrane Replacement	231,000	200,000	200,000	200,000	200,000	200,000	1,493,250	0	2,724,250
Hampstead WWTP Sludge Press	0	300,000	0	2,700,000	0	0	0	0	3,000,000
Kabik Court Well	160,000	0	800,000	0	0	0	0	0	960,000
Patapsco Valley Pump Station Upgrade	0	0	305,000	2,400,000	0	0	0	0	2,705,000
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	95,000	2,317,200	0	2,887,200
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	33,000	33,000	33,000	33,000	547,550	0	749,550
Sykesville Pump Station Expansion	0	500,000	0	3,850,000	0	0	0	0	4,350,000
Tank Rehabilitation and Replacement	565,000	565,000	565,000	565,000	565,000	575,000	3,498,032	0	6,898,032
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	360,000	2,039,700	0	4,199,700
Water Meters	671,000	687,500	709,500	731,000	753,000	765,000	6,371,629	0	10,688,629
Water Service Line Replacement	310,800	326,700	342,600	352,000	90,000	115,000	2,063,400	0	3,600,500
Winfield Pump Station Rehabilitation	400,000	0	0	0	0	0	0	0	400,000
UTILITIES ENTERPRISE FUND	\$10,339,290	\$13,828,690	\$7,071,100	\$13,495,000	\$4,310,500	\$4,350,500	\$30,070,633	\$0	\$83,465,713

### **County Sewer Line Rehabilitation and Replacement**

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

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	600,000	600,000	600,000	600,000	600,000	600,000	440,000		4,040,000
Equipment/Furnishings									0
Other	60,000	60,000	60,000	60,000	60,000	60,000	41,000		401,000
EXPENDITURES									
TOTAL	660,000	660,000	660,000	660,000	660,000	660,000	481,000	0	4,441,000
PROJECTED OPERATING									
IMPACTS	0	0	0	0	0	0			

# **County Water Line Rehabilitation and Replacement**

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

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	180,000	180,000	180,000	180,000	180,000	180,000	187,000		1,267,000
Land Acquisition									0
Site Work									0
Construction	570,000	570,000	570,000	570,000	570,000	570,000	1,180,000		4,600,000
Equipment/Furnishings									0
Other	50,000	50,000	50,000	50,000	50,000	50,000	118,000		418,000
EXPENDITURES									
TOTAL	800,000	800,000	800,000	800,000	800,000	800,000	1,485,000	0	6,285,000
PROJECTED OPERATING	0			0		0			
IMPACTS	0	0	0	0	0	0			

# Freedom Water Treatment Plant Equipment Replacement

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

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	103,490	105,000	105,000	107,500	107,500	500,000		1,131,980
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	103,490	103,490	105,000	105,000	107,500	107,500	500,000	0	1,131,980
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

6462

# **Freedom Wells and Connections**

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

This project provides funding for additional wells in the Freedom Water Service Area and to 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	200,000	200,000	200,000	200,000	200,000	1,039,000		2,864,000
Equipment/Furnishings									0
Other							79,000		79,000
EXPENDITURES									
	0.55 000		200.000	200.000	200.000	200.000	1 422 000	0	2 200 000
TOTAL	975,000	200,000	200,000	200,000	200,000	200,000	1,423,000	0	3,398,000
PROJECTED OPERATING									
IMPACTS	0	0	0	0	0	0			

6445

# Freedom WTP Membrane Replacement

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

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	231,000	200,000	200,000	200,000	200,000	200,000	1,344,000		2,575,000
Other							149,250		149,250
EXPENDITURES									
TOTAL	231,000	200,000	200,000	200,000	200,000	200,000	1,493,250	0	2,724,250
PROJECTED OPERATING									
IMPACTS	0	0	0	0	0	0			

# Hampstead WWTP Sludge Press

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

This project provides planned 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	0	300,000	0	2,700,000	0	0	0	0	3,000,000
DDO HIGTED ODED I TING							т		
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Proj #

# Kabik Court Well

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

This project provides funding for the development of a well, well house, and water main to provide water to the businesses located on Kabik Court in Woodbine.

	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to	Total Device t
-	F I 22	F1 23	FI 24	F I 23	F Y 20	FY 27	Allocation	Complete	Project Cost
Engineering/Design	160,000								160,000
Land Acquisition									0
Site Work									0
Construction			800,000						800,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	160,000	0	800,000	0	0	0	0	0	960,000
							_		
PROJECTED OPERATING	0	0	0	0	0	0			
IMPACTS	0	0	0	0	0	0	l		

Proj #

### Patapsco Valley Pump Station Upgrade

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

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			305,000						305,000
Land Acquisition									0
Site Work									0
Construction				2,200,000					2,200,000
Equipment/Furnishings									0
Other				200,000					200,000
EXPENDITURES									
-								-	
TOTAL	0	0	305,000	2,400,000	0	0	0	0	2,705,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

# **Runnymede Wastewater Treatment Facility Rehabilitation**

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

This project provides 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
PROJECTED OPERATING									
IMPACTS	0	0	0	0	0	0			

### Sewer Manhole Rehabilitation

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

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	95,000	2,302,200		2,829,200
Equipment/Furnishings									0
Other	8,000	8,000	9,000	9,000	9,000		15,000		58,000
EXPENDITURES									
TOTAL	87,000	91,000	96,000	99,000	102,000	95,000	2,317,200	0	2,887,200
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

### **Shiloh Pump Station Expansion**

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

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
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

#### Proj #

# **Standby Generator Replacement**

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

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	30,000	30,000	30,000	30,000	407,550		590,550
Other	4,000	3,000	3,000	3,000	3,000	3,000	140,000		159,000
EXPENDITURES									
TOTAL	37,000	33,000	33,000	33,000	33,000	33,000	547,550	0	749,550
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PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

# **Sykesville Pump Station Expansion**

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

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		500,000							500,000
Land Acquisition									0
Site Work									0
Construction				3,500,000					3,500,000
Equipment/Furnishings									0
Other				350,000					350,000
EXPENDITURES									
TOTAL	0	500,000	0	3,850,000	0	0	0	0	4,350,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

# **Tank Rehabilitation and Replacement**

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

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	520,000	2,804,350		5,899,350
Construction									0
Equipment/Furnishings									0
Other	50,000	50,000	50,000	50,000	50,000	55,000	341,182		646,182
EXPENDITURES									
TOTAL	565,000	565,000	565,000	565,000	565,000	575,000	3,498,032	0	6,898,032
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

# Town of Sykesville Water and Sewer Upgrades

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

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
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PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

### Water Main Loops

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

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	L 440,000	440,000	440,000	440,000	440,000	440,000	1,777,872	0	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

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 annual allocation will fund approximately 25 blow-off valve replacements and 5 water main valve replacements.

-	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	325,000	1,915,800		3,865,800
Equipment/Furnishings									0
Other	35,000	35,000	35,000	35,000	35,000	35,000	123,900		333,900
EXPENDITURES									
TOTAL	360,000	360,000	360,000	360,000	360,000	360,000	2,039,700	0	4,199,700
PROJECTED OPERATING									
IMPACTS	0	0	0	0	0	0			

### Water Meters

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

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	695,000	3,391,407		7,316,407
Equipment/Furnishings							2,746,922		2,746,922
Other	61,000	62,500	64,500	66,000	68,000	70,000	233,300		625,300
EXPENDITURES									
TOTAL	671,000	687,500	709,500	731,000	753,000	765,000	6,371,629	0	10,688,629
PROJECTED OPERATING									
IMPACTS	0	0	0	0	0	0			

# Water Service Line Replacement

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

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 annual allocation for this project funds the replacement of approximately 80 - 90 water service lines each year.

FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Prior Allocation	Balance to Complete	Total Project Cost
								0
								0
								0
283,000	297,000	312,000	327,000	85,000	105,000	1,986,300		3,395,300
								0
27,800	29,700	30,600	25,000	5,000	10,000	77,100		205,200
310,800	326,700	342,600	352,000	90,000	115,000	2,063,400	0	3,600,500
0	0	0	0	0	0			
	283,000 27,800 310,800	283,000 297,000 27,800 29,700 310,800 326,700	283,000 297,000 312,000   27,800 29,700 30,600   310,800 326,700 342,600	283,000   297,000   312,000   327,000     27,800   29,700   30,600   25,000     310,800   326,700   342,600   352,000	283,000 297,000 312,000 327,000 85,000   27,800 29,700 30,600 25,000 5,000   310,800 326,700 342,600 352,000 90,000	Image: Constraint of the state of	FY 22   FY 23   FY 24   FY 25   FY 26   FY 27   Allocation     Image: Constraint of the state of the	FY 22   FY 23   FY 24   FY 25   FY 26   FY 27   Allocation   Complete     Image: Complete in the image in the ima

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# Winfield Pump Station Rehabilitation

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

This project provides 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									
г									
TOTAL	400,000	0	0	0	0	0	0	0	400,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

#### Commissioner District: 4 Proj #