

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2020 TO 2025

	2020	2021	2022	2023	2024	2025	Prior Allocation	Balance To Complete	Total Project Cost
UTILITIES ENTERPRISE FUND									
Billing Software	\$0	\$0	\$0	\$28,000	\$0	\$0	\$0	\$0	\$28,000
County Water Line Rehabilitation/Replacement	726,000	759,000	798,000	837,000	879,000	923,000	0	0	4,922,000
Fairhaven Well House Rehabilitation	28,000	138,000	0	0	0	0	0	0	166,000
Freedom Sewer Rehabilitation	253,000	264,000	275,000	286,000	297,000	308,000	0	0	1,683,000
Freedom Wells and Connections	97,000	367,000	250,000	836,000	574,000	2,872,000	982,000	0	5,978,000
Freedom WTP Membrane Replacement	174,000	174,000	174,000	174,000	174,000	174,000	0	0	1,044,000
Hampstead Sewer Rehabilitation	121,000	264,000	280,000	290,000	310,000	330,000	0	0	1,595,000
Hydrant Replacements	131,000	0	0	0	0	0	0	0	131,000
North Pump Station Upgrade	380,000	0	0	0	0	0	2,260,000	0	2,640,000
Patapsco Valley Pump Station Upgrade	0	0	0	0	305,000	2,210,000	0	0	2,515,000
Pleasant Valley WWTP Rehabilitation	27,000	0	0	58,000	387,000	0	0	0	472,000
Raincliffe Rehabilitation	0	0	99,000	0	0	0	231,000	0	330,000
Runnymede Wastewater Treatment Facility Rehabilitation	28,000	0	44,000	297,000	0	0	0	0	369,000
Sewer Grinder Installation/Rehabilitation	60,500	60,500	60,500	60,500	60,500	60,500	0	0	363,000
Sewer Line Repair, Replacement, and New Installations	110,000	116,000	121,000	128,000	134,000	141,000	0	0	750,000
Sewer Manhole Rehabilitation	115,000	120,000	126,000	136,000	142,000	147,000	0	0	786,000
Shiloh Pump Station Expansion	312,000	2,079,000	0	0	0	0	0	0	2,391,000
South Carroll Wastewater Treatment Facility Rehabilitation	163,000	385,000	0	0	0	0	0	0	548,000
South Hampstead Pump Station Electrical Replacement	75,000	0	0	0	0	0	0	0	75,000
Standby Generator Replacement	147,000	120,000	37,000	66,000	66,000	66,000	0	0	502,000
Sykesville Pump Station Expansion	0	0	0	0	304,500	2,110,000	0	0	2,414,500
Tank Rehabilitations and Replacements	640,000	640,000	640,000	640,000	640,000	0	0	0	3,200,000
Town of Sykesville Streetscape Water and Sewer Upgrades	1,100,000	1,100,000	0	0	0	0	1,250,000	0	3,450,000
Town of Sykesville Water and Sewer Upgrades	0	1,600,000	1,600,000	1,600,000	0	0	0	0	4,800,000
Water Main Loops	440,000	440,000	440,000	440,000	440,000	0	352,000	0	2,552,000
Water Main Valve Replacements	275,000	275,000	275,000	275,000	275,000	275,000	0	0	1,650,000
Water Meters	632,000	649,000	671,000	687,000	710,000	731,000	0	0	4,080,000
Water Service Line Replacement	280,000	296,000	311,000	326,000	342,000	352,000	0	0	1,907,000
Water/Sewer Studies	517,000	0	0	0	0	0	1,292,500	0	1,809,500
Winfield Pump Station Rehabilitation	0	0	182,000	0	0	0	0	0	182,000
UTILITIES ENTERPRISE FUND TOTAL	\$6,831,500	\$9,846,500	\$6,383,500	\$7,164,500	\$6,040,000	\$10,699,500	\$6,367,500	\$0	\$53,333,000

Billing Software

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

Proj #

This project provides planned funding to upgrade the billing software used by Utilities and Accounting, in conjunction with a larger software upgrade.

Operating impacts to be determined as the project develops.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction				25,000					25,000
Equipment/Furnishings									0
Other				3,000					3,000
EXPENDITURES									
TOTAL	0	0	0	28,000	0	0	0	0	28,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

County Water Line Rehabilitation/Replacement

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

Proj #

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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	660,000	690,000	725,000	761,000	799,000	839,000			4,474,000
Equipment/Furnishings									0
Other	66,000	69,000	73,000	76,000	80,000	84,000			448,000
EXPENDITURES									
TOTAL	726,000	759,000	798,000	837,000	879,000	923,000	0	0	4,922,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Fairhaven Well House Rehabilitation

Commissioner District: 5

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

Proj #

This project provides funding to rehabilitate and expand capacity at Fairhaven Well House, located on Sykesville Road in Sykesville. Included are chemical-feed pumps, surveillance cameras, pipes, and electric/software upgrades.

Operating impacts to be determined as the project develops.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	25,000								25,000
Land Acquisition									0
Site Work									0
Construction		125,000							125,000
Equipment/Furnishings									0
Other	3,000	13,000							16,000
EXPENDITURES									
TOTAL	28,000	138,000	0	0	0	0	0	0	166,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Freedom Sewer Rehabilitation

Commissioner District: 5

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

6444

This project provides ongoing funding for inspection and lining repairs of sanitary sewer mains and laterals in the Freedom Sewer service area. Lining the pipe increases the life of the sewer mains by sealing joints and cracks, which prevents inflow and infiltration.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	230,000	240,000	250,000	260,000	270,000	280,000			1,530,000
Equipment/Furnishings									0
Other	23,000	24,000	25,000	26,000	27,000	28,000			153,000
EXPENDITURES									
TOTAL	253,000	264,000	275,000	286,000	297,000	308,000	0	0	1,683,000
PROJECTED OPERATING IMPACTS	0	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, reducing dependency on Liberty Reservoir.

Operating impacts to be determined as the project develops.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	55,000		150,000		392,000		140,000		737,000
Land Acquisition	33,000		79,000		130,000		77,000		319,000
Site Work						2,612,000			2,612,000
Construction		333,000		760,000			695,000		1,788,000
Equipment/Furnishings									0
Other	9,000	34,000	21,000	76,000	52,000	260,000	70,000		522,000
EXPENDITURES									
TOTAL	97,000	367,000	250,000	836,000	574,000	2,872,000	982,000	0	5,978,000
PROJECTED OPERATING IMPACTS	0	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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	158,000	158,000	158,000	158,000	158,000	158,000			948,000
Other	16,000	16,000	16,000	16,000	16,000	16,000			96,000
EXPENDITURES									
TOTAL	174,000	174,000	174,000	174,000	174,000	174,000	0	0	1,044,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Hampstead Sewer Rehabilitation

Commissioner District: 2

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

6446

This project provides ongoing funding for inspection and lining repairs of sanitary sewer mains and laterals in the Hampstead Sewer service area. Lining the pipe increases the life of the sewer mains by sealing joints and cracks, which prevents inflow and infiltration.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	116,000	240,000	255,000	265,000	280,000	300,000			1,456,000
Equipment/Furnishings									0
Other	5,000	24,000	25,000	25,000	30,000	30,000			139,000
EXPENDITURES									
TOTAL	121,000	264,000	280,000	290,000	310,000	330,000	0	0	1,595,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Hydrant Replacements

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

6359

This project provides ongoing funding to replace hydrants in Bark Hill, Pleasant Valley, and Freedom Area water systems. This funding covers replacement of the remaining 18 of the 900 hydrants in these areas.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	125,000								125,000
Equipment/Furnishings									0
Other	6,000								6,000
EXPENDITURES									
TOTAL	131,000	0	0	0	0	0	0	0	131,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

North Pump Station Upgrade

Commissioner District: 2

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

6418

This project provides funding to relocate North Pump Station and expand capacity for anticipated future flows.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	160,000						295,000		455,000
Land Acquisition									0
Site Work									0
Construction	200,000						1,874,000		2,074,000
Equipment/Furnishings									0
Other	20,000						91,000		111,000
EXPENDITURES									
TOTAL	380,000	0	0	0	0	0	2,260,000	0	2,640,000
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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					305,000				305,000
Land Acquisition									0
Site Work									0
Construction						2,010,000			2,010,000
Equipment/Furnishings									0
Other						200,000			200,000
EXPENDITURES									
TOTAL	0	0	0	0	305,000	2,210,000	0	0	2,515,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Pleasant Valley WWTP Rehabilitation

Commissioner District: 1

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

Proj #

This project provides funding for the rehabilitation of the Pleasant Valley Wastewater Treatment Plant (WWTP). Included are replacement pumps, controls, grinder, and generator; as well as new roofing, bypass valving, fencing, and paving repairs.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	25,000			53,000					78,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings					352,000				352,000
Other	2,000			5,000	35,000				42,000
EXPENDITURES									
TOTAL	27,000	0	0	58,000	387,000	0	0	0	472,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Raincliffe Rehabilitation

Commissioner District: 5

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

6452

This project provides planned funding to rehabilitate the Raincliffe Well House, located on Willow Bottom Road in Sykesville. This includes upgrading current equipment, software, and controls along with adding a standby generator and transfer switch. This project will also expand the capacity of the plant and add new treatment processes for two additional wells that will be connected through the Freedom Wells and Connections capital project.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction			90,000				210,000		300,000
Equipment/Furnishings									0
Other			9,000				21,000		30,000
EXPENDITURES									
TOTAL	0	0	99,000	0	0	0	231,000	0	330,000
PROJECTED OPERATING IMPACTS	0	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

Proj #

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

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	25,000		40,000						65,000
Land Acquisition									0
Site Work									0
Construction				270,000					270,000
Equipment/Furnishings									0
Other	3,000		4,000	27,000					34,000
EXPENDITURES									
TOTAL	28,000	0	44,000	297,000	0	0	0	0	369,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Sewer Grinder Installation/Rehabilitation

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

6453

This project provides ongoing funding for the installation of new grinders and the rehabilitation of existing grinders at pump stations throughout the sewer service areas.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	55,000	55,000	55,000	55,000	55,000	55,000			330,000
Equipment/Furnishings									0
Other	5,500	5,500	5,500	5,500	5,500	5,500			33,000
EXPENDITURES									
TOTAL	60,500	60,500	60,500	60,500	60,500	60,500	0	0	363,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Sewer Line Repair, Replacement, and New Installations

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

6448

This project provides ongoing funding for sewer repairs including point repairs, removal/replacement, pipe bursting, underground drilling, and new pipe installations.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	100,000	105,000	110,000	116,000	122,000	128,000			681,000
Equipment/Furnishings									0
Other	10,000	11,000	11,000	12,000	12,000	13,000			69,000
EXPENDITURES									
TOTAL	110,000	116,000	121,000	128,000	134,000	141,000	0	0	750,000
PROJECTED OPERATING IMPACTS	0	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 with this project.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	110,000	115,000	120,000	130,000	135,000	140,000			750,000
Equipment/Furnishings									0
Other	5,000	5,000	6,000	6,000	7,000	7,000			36,000
EXPENDITURES									
TOTAL	115,000	120,000	126,000	136,000	142,000	147,000	0	0	786,000
PROJECTED OPERATING IMPACTS	0	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 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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	284,000								284,000
Land Acquisition									0
Site Work									0
Construction		1,890,000							1,890,000
Equipment/Furnishings									0
Other	28,000	189,000							217,000
EXPENDITURES									
TOTAL	312,000	2,079,000	0	0	0	0	0	0	2,391,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

South Carroll Wastewater Treatment Facility Rehabilitation

Commissioner District: 5

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

Proj #

This project provides funding for the rehabilitation of the South Carroll Wastewater Treatment Facility, which serves South Carroll High. Included are replacement pumps, blowers, and generator; as well as electrical and control upgrades, and other site improvements including repair of a failing outfall and headwall.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	80,000								80,000
Land Acquisition									0
Site Work									0
Construction	75,000	350,000							425,000
Equipment/Furnishings									0
Other	8,000	35,000							43,000
EXPENDITURES									
TOTAL	163,000	385,000	0	0	0	0	0	0	548,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

South Hampstead Pump Station Electrical Replacement

Commissioner District: 2

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

Proj #

This project provides funding for the installation of a direct metered service line to the South Hampstead pump station.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	75,000								75,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	75,000	0	0	0	0	0	0	0	75,000
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 ongoing funding for replacement of the standby generator fleet. Standby generators are critical to providing water and sewer service should a power failure occur.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	133,000	110,000	33,000	60,000	60,000	60,000			456,000
Other	14,000	10,000	4,000	6,000	6,000	6,000			46,000
EXPENDITURES									
TOTAL	147,000	120,000	37,000	66,000	66,000	66,000	0	0	502,000
PROJECTED OPERATING IMPACTS	0	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 generator; as well as wet well relocation, new roofing, bypass valving, fencing, and paving repairs.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					304,500				304,500
Land Acquisition									0
Site Work									0
Construction						2,010,000			2,010,000
Equipment/Furnishings									0
Other						100,000			100,000
EXPENDITURES									
TOTAL	0	0	0	0	304,500	2,110,000	0	0	2,414,500
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Tank Rehabilitations and Replacements

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

6332

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

- Kabik
- Bartholow
- Linton
- Pleasant Valley

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work	580,000	580,000	580,000	580,000	580,000				2,900,000
Construction									0
Equipment/Furnishings									0
Other	60,000	60,000	60,000	60,000	60,000				300,000
EXPENDITURES									
TOTAL	640,000	640,000	640,000	640,000	640,000	0	0	0	3,200,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Town of Sykesville Streetscape Water and Sewer Upgrades

Commissioner District: 5

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

6431

This project provides funding to line clay pipes that are more than 50 years old along Main Street in the Town of Sykesville. Remaining lines within Town limits will be addressed through the Town of Sykesville Water and Sewer Upgrades project.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							550,000		550,000
Land Acquisition									0
Site Work									0
Construction	1,050,000	1,050,000					640,000		2,740,000
Equipment/Furnishings									0
Other	50,000	50,000					60,000		160,000
EXPENDITURES									
TOTAL	1,100,000	1,100,000	0	0	0	0	1,250,000	0	3,450,000
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

Proj #

This project provides planned funding to line clay pipes that are more than 50 years old in the Town of Sykesville. Main Street will be addressed through the Town of Sykesville Streetscape Water and Sewer Upgrades project.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		1,500,000	1,500,000	1,500,000					4,500,000
Equipment/Furnishings									0
Other		100,000	100,000	100,000					300,000
EXPENDITURES									
TOTAL	0	1,600,000	1,600,000	1,600,000	0	0	0	0	4,800,000
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 funding to connect various water mains to provide adequate looping 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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	400,000	400,000	400,000	400,000	400,000		352,000		2,352,000
Equipment/Furnishings									0
Other	40,000	40,000	40,000	40,000	40,000				200,000
EXPENDITURES									
TOTAL	440,000	440,000	440,000	440,000	440,000	0	352,000	0	2,552,000
PROJECTED OPERATING IMPACTS	0	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 annual allocation will fund approximately 25 blow-off valve replacements and 5 water main valve replacements.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	250,000	250,000	250,000	250,000	250,000	250,000			1,500,000
Equipment/Furnishings									0
Other	25,000	25,000	25,000	25,000	25,000	25,000			150,000
EXPENDITURES									
TOTAL	275,000	275,000	275,000	275,000	275,000	275,000	0	0	1,650,000
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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	575,000	590,000	610,000	625,000	645,000	665,000			3,710,000
Equipment/Furnishings									0
Other	57,000	59,000	61,000	62,000	65,000	66,000			370,000
EXPENDITURES									
TOTAL	632,000	649,000	671,000	687,000	710,000	731,000	0	0	4,080,000
PROJECTED OPERATING IMPACTS	0	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 annual allocation for this project funds the replacement of approximately 80 - 90 water service lines each year.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	255,000	270,000	283,000	297,000	312,000	327,000			1,744,000
Equipment/Furnishings									0
Other	25,000	26,000	28,000	29,000	30,000	25,000			163,000
EXPENDITURES									
TOTAL	280,000	296,000	311,000	326,000	342,000	352,000	0	0	1,907,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Water/Sewer Studies

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

6385

This project provides funding to perform studies of the Freedom Area water system and the Freedom Water Treatment Plant. Prior Allocation included funding for studies of the Freedom Area and Hampstead Area sewer systems.

	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	470,000						1,263,000		1,733,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	47,000						29,500		76,500
EXPENDITURES									
TOTAL	517,000	0	0	0	0	0	1,292,500	0	1,809,500
PROJECTED OPERATING IMPACTS	0	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 20	FY 21	FY 22	FY 23	FY 24	FY 25	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction			165,000						165,000
Equipment/Furnishings									0
Other			17,000						17,000
EXPENDITURES									
TOTAL	0	0	182,000	0	0	0	0	0	182,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0