

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2020 TO 2025

	2020	2021	2022	2023	2024	2025	Prior Allocation	Balance To Complete	Total Project Cost
<b>UTILITIES ENTERPRISE FUND</b>									
Billing Software	\$0	\$0	\$0	\$28,000	\$0	\$0	\$0	\$0	\$28,000
Fairhaven Well House Rehabilitation	0	125,000	0	0	0	0	0	0	125,000
Freedom Sewer Rehabilitation	175,000	181,000	190,000	204,000	210,000	215,000	0	0	1,175,000
Freedom Wells and Connections	97,000	367,000	250,000	836,000	0	0	982,000	0	2,532,000
Freedom WTP Membrane Replacement	174,000	174,000	174,000	174,000	174,000	174,000	0	0	1,044,000
Hampstead Sewer Rehabilitation	55,000	264,000	280,000	290,000	310,000	330,000	0	0	1,529,000
Hydrant Replacements	99,000	0	0	0	0	0	284,000	0	383,000
North Pump Station Upgrade	180,000	0	0	0	0	0	2,260,000	0	2,440,000
Patapsco Valley Pump Station Upgrade	0	0	0	0	305,000	2,210,000	0	0	2,515,000
Pleasant Valley WWTP Rehabilitation	0	0	0	0	387,000	0	0	0	387,000
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	0	0	0	0	0	0	121,000
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	80,000	83,000	87,000	91,000	96,000	99,000	0	0	536,000
Shiloh Pump Station Expansion	0	0	0	220,000	1,455,000	0	0	0	1,675,000
South Carroll Wastewater Treatment Facility Rehabilitation	163,000	385,000	0	0	0	0	0	0	548,000
Standby Generator Replacement	147,000	144,000	37,000	66,000	66,000	66,000	0	0	526,000
Sykesville Pump Station Expansion	0	0	0	290,000	2,106,000	0	0	0	2,396,000
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	715,000	737,000	0	0	0	0	1,250,000	0	2,702,000
Town of Sykesville Water and Sewer Upgrades	0	1,065,000	1,090,000	1,122,000	0	0	0	0	3,277,000
Water Main Loops	440,000	440,000	440,000	440,000	440,000	0	0	0	2,200,000
Water Main Valve Replacements	357,000	357,000	357,000	357,000	357,000	357,000	0	0	2,142,000
Water Meters	632,500	649,000	671,000	687,500	709,500	731,000	0	0	4,080,500
Water Service Line Replacement	281,800	295,900	310,800	326,700	342,600	352,000	0	0	1,909,800
Water/Sewer Studies	280,500	0	0	0	0	0	1,292,500	0	1,573,000
Winfield Pump Station Rehabilitation	0	0	181,500	0	0	0	0	0	181,500
<b>UTILITIES ENTERPRISE FUND TOTAL</b>	<b>\$4,715,300</b>	<b>\$6,083,400</b>	<b>\$4,873,300</b>	<b>\$6,197,200</b>	<b>\$7,732,100</b>	<b>\$4,675,000</b>	<b>\$6,068,500</b>	<b>\$0</b>	<b>\$40,344,800</b>
<b>SOURCES OF FUNDING:</b>									
Transfer from General Fund	\$300,000	\$385,000	\$225,500	\$297,000	\$0	\$0	\$550,000	\$0	\$1,757,500
Utilities Maintenance Fee	640,000	640,000	640,000	640,000	640,000	0	0	0	3,200,000
Utilities Sewer User Fees	971,093	1,447,030	1,074,700	1,385,260	3,070,000	1,890,000	1,584,729	0	11,422,812
Reallocated Utilities Sewer User Fees	17,257	0	0	0	0	0	95,271	0	112,528
Utilities Water User Fees	2,696,950	3,611,370	2,933,100	3,619,940	2,089,100	1,680,000	2,708,500	0	19,338,960
Area Connection Charges	90,000	0	0	255,000	1,933,000	1,105,000	1,130,000	0	4,513,000
<b>UTILITIES ENTERPRISE FUND TOTAL</b>	<b>\$4,715,300</b>	<b>\$6,083,400</b>	<b>\$4,873,300</b>	<b>\$6,197,200</b>	<b>\$7,732,100</b>	<b>\$4,675,000</b>	<b>\$6,068,500</b>	<b>\$0</b>	<b>\$40,344,800</b>



# Fairhaven Well House Rehabilitation

Commissioner District: 5

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

Proj #

This project provides planned 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									0
Land Acquisition									0
Site Work									0
Construction		125,000							125,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees		125,000							125,000

<b>PROJECTED OPERATING IMPACTS</b>									
	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	160,000	165,000	172,000	185,000	190,000	195,000			1,067,000
Equipment/Furnishings									0
Other	15,000	16,000	18,000	19,000	20,000	20,000			108,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>175,000</b>	<b>181,000</b>	<b>190,000</b>	<b>204,000</b>	<b>210,000</b>	<b>215,000</b>	<b>0</b>	<b>0</b>	<b>1,175,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund	27,000								27,000
Utilities Maintenance Fee									0
Utilities Sewer User Fees	148,000	181,000	190,000	204,000	210,000	215,000			1,148,000
Utilities Water User Fees									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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				140,000		<b>345,000</b>
Land Acquisition	33,000		79,000				77,000		<b>189,000</b>
Site Work									<b>0</b>
Construction		333,000		760,000			695,000		<b>1,788,000</b>
Equipment/Furnishings									<b>0</b>
Other	9,000	34,000	21,000	76,000			70,000		<b>210,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>97,000</b>	<b>367,000</b>	<b>250,000</b>	<b>836,000</b>	<b>0</b>	<b>0</b>	<b>982,000</b>	<b>0</b>	<b>2,532,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									<b>0</b>
Utilities Maintenance Fee									<b>0</b>
Utilities Sewer User Fees									<b>0</b>
Utilities Water User Fees	97,000	367,000	250,000	836,000			982,000		<b>2,532,000</b>

<b>PROJECTED OPERATING IMPACTS</b>									
	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
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>174,000</b>	<b>174,000</b>	<b>174,000</b>	<b>174,000</b>	<b>174,000</b>	<b>174,000</b>	<b>0</b>	<b>0</b>	<b>1,044,000</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	174,000	174,000	174,000	174,000	174,000	174,000			1,044,000
<b>PROJECTED OPERATING IMPACTS</b>	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	50,000	240,000	255,000	265,000	280,000	300,000			1,390,000
Equipment/Furnishings									0
Other	5,000	24,000	25,000	25,000	30,000	30,000			139,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>55,000</b>	<b>264,000</b>	<b>280,000</b>	<b>290,000</b>	<b>310,000</b>	<b>330,000</b>	<b>0</b>	<b>0</b>	<b>1,529,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund	55,000								55,000
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		264,000	280,000	290,000	310,000	330,000			1,474,000
<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			0

# Hydrant Replacements

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

6359

This project provides 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	90,000						145,000		235,000
Equipment/Furnishings							124,000		124,000
Other	9,000						15,000		24,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>99,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>284,000</b>	<b>0</b>	<b>383,000</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	99,000						284,000		383,000
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>



# 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		<b>455,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction							1,874,000		<b>1,874,000</b>
Equipment/Furnishings									<b>0</b>
Other	20,000						91,000		<b>111,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,260,000</b>	<b>0</b>	<b>2,440,000</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									<b>0</b>
Utilities Sewer User Fees	90,000						1,130,000		<b>1,220,000</b>
Utilities Water User Fees									<b>0</b>
Area Connection Charges	90,000						1,130,000		<b>1,220,000</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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				<b>305,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction						2,010,000			<b>2,010,000</b>
Equipment/Furnishings									<b>0</b>
Other						200,000			<b>200,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>305,000</b>	<b>2,210,000</b>	<b>0</b>	<b>0</b>	<b>2,515,000</b>
<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									<b>0</b>
Utilities Sewer User Fees					152,500	1,105,000			<b>1,257,500</b>
Utilities Water User Fees									<b>0</b>
Area Connection Charges					152,500	1,105,000			<b>1,257,500</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# Pleasant Valley WWTP Rehabilitation

Commissioner District: 1

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

Proj #

This project provides planned 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									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings					352,000				352,000
Other					35,000				35,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>387,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>387,000</b>
<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees					387,000				387,000
Utilities Water User Fees									0
Area Connection Charges									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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 was put in service in 1994 and 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
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>28,000</b>	<b>0</b>	<b>44,000</b>	<b>297,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>369,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund	28,000		44,000	297,000					369,000
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# Sewer Grinder Installation/Rehabilitation

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

6453

This project provides 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							110,000
Equipment/Furnishings									0
Other	5,500	5,500							11,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>60,500</b>	<b>60,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>121,000</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	43,243	60,500							103,743
Reallocated Utilities Sewer User Fees	17,257								17,257
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

# 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 for residents with failing sewer systems.

	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
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>110,000</b>	<b>116,000</b>	<b>121,000</b>	<b>128,000</b>	<b>134,000</b>	<b>141,000</b>	<b>0</b>	<b>0</b>	<b>750,000</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	110,000	116,000	121,000	128,000	134,000	141,000			750,000
Utilities Water User Fees									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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 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	73,000	75,000	79,000	83,000	87,000	90,000			487,000
Equipment/Furnishings									0
Other	7,000	8,000	8,000	8,000	9,000	9,000			49,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>80,000</b>	<b>83,000</b>	<b>87,000</b>	<b>91,000</b>	<b>96,000</b>	<b>99,000</b>	<b>0</b>	<b>0</b>	<b>536,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund	27,000								27,000
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	53,000	83,000	87,000	91,000	96,000	99,000			509,000
<b>PROJECTED OPERATING IMPACTS</b>	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 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 20	FY 21	FY 22	FY 23	FY 24	FY 25	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
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>220,000</b>	<b>1,455,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,675,000</b>
<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees				110,000	727,500				837,500
Utilities Water User Fees									0
Area Connection Charges				110,000	727,500				837,500
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>



# 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								<b>80,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	75,000	350,000							<b>425,000</b>
Equipment/Furnishings									<b>0</b>
Other	8,000	35,000							<b>43,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>163,000</b>	<b>385,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>548,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund	163,000	385,000							<b>548,000</b>
Enterprise Fund - Utilities									<b>0</b>
Utilities Maintenance Fee									<b>0</b>
Utilities Sewer User Fees									<b>0</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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	130,000	33,000	60,000	60,000	60,000			476,000
Other	14,000	14,000	4,000	6,000	6,000	6,000			50,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>147,000</b>	<b>144,000</b>	<b>37,000</b>	<b>66,000</b>	<b>66,000</b>	<b>66,000</b>	<b>0</b>	<b>0</b>	<b>526,000</b>
<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees	147,000	144,000	37,000	33,000					361,000
Utilities Water User Fees				33,000	66,000	66,000			165,000
Area Connection Charges									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>



# 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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>640,000</b>	<b>640,000</b>	<b>640,000</b>	<b>640,000</b>	<b>640,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,200,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee	640,000	640,000	640,000	640,000	640,000				3,200,000
Utilities Sewer User Fees									0
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	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		<b>550,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	650,000	670,000					640,000		<b>1,960,000</b>
Equipment/Furnishings									<b>0</b>
Other	65,000	67,000					60,000		<b>192,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>715,000</b>	<b>737,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,250,000</b>	<b>0</b>	<b>2,702,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund							550,000		<b>550,000</b>
Utilities Maintenance Fee									<b>0</b>
Utilities Sewer User Fees	239,600	247,080					350,000		<b>836,680</b>
Utilities Water User Fees	475,400	489,920					350,000		<b>1,315,320</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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		970,000	990,000	1,020,000					2,980,000
Equipment/Furnishings									0
Other		95,000	100,000	102,000					297,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>1,065,000</b>	<b>1,090,000</b>	<b>1,122,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,277,000</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		351,450	359,700	370,260					1,081,410
Utilities Water User Fees		713,550	730,300	751,740					2,195,590
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>

# 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				2,000,000
Equipment/Furnishings									0
Other	40,000	40,000	40,000	40,000	40,000				200,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>440,000</b>	<b>440,000</b>	<b>440,000</b>	<b>440,000</b>	<b>440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200,000</b>
<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	440,000	440,000	440,000	440,000	440,000				2,200,000
Area Connection Charges									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

# 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	325,000	325,000	325,000	325,000	325,000	325,000			1,950,000
Equipment/Furnishings									0
Other	32,000	32,000	32,000	32,000	32,000	32,000			192,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>357,000</b>	<b>357,000</b>	<b>357,000</b>	<b>357,000</b>	<b>357,000</b>	<b>357,000</b>	<b>0</b>	<b>0</b>	<b>2,142,000</b>
<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	357,000	357,000	357,000	357,000	357,000	357,000			2,142,000
Area Connection Charges									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>



# 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	57,500	59,000	61,000	62,500	64,500	66,000			370,500
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>632,500</b>	<b>649,000</b>	<b>671,000</b>	<b>687,500</b>	<b>709,500</b>	<b>731,000</b>	<b>0</b>	<b>0</b>	<b>4,080,500</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	632,500	649,000	671,000	687,500	709,500	731,000			4,080,500

<b>PROJECTED OPERATING IMPACTS</b>									
	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	26,800	25,900	27,800	29,700	30,600	25,000			165,800
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>281,800</b>	<b>295,900</b>	<b>310,800</b>	<b>326,700</b>	<b>342,600</b>	<b>352,000</b>	<b>0</b>	<b>0</b>	<b>1,909,800</b>
<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	281,800	295,900	310,800	326,700	342,600	352,000			1,909,800
<b>PROJECTED OPERATING IMPACTS</b>	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	255,000						1,263,000		<b>1,518,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction									<b>0</b>
Equipment/Furnishings									<b>0</b>
Other	25,500						29,500		<b>55,000</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>280,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,292,500</b>	<b>0</b>	<b>1,573,000</b>
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<b>SOURCES OF FUNDS</b>									
Utilities Sewer User Fees	140,250						104,729		<b>244,979</b>
Reallocated Utilities Sewer User Fees							95,271		<b>95,271</b>
Utilities Water User Fees	140,250						1,092,500		<b>1,232,750</b>
Area Connection Charges									<b>0</b>

<b>PROJECTED OPERATING IMPACTS</b>									
	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			16,500						16,500
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>181,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181,500</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund			181,500						181,500
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>0</b>