

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2019 TO 2024

	2019	2020	2021	2022	2023	2024	Prior Allocation	Balance To Complete	Total Project Cost
<b>UTILITIES ENTERPRISE FUND:</b>									
Billing Software	\$0	\$0	\$0	\$0	\$28,000	\$0	\$0	\$0	\$28,000
Fairhaven Well House Rehabilitation	0	0	125,000	0	0	0	0	0	125,000
Freedom Sewer Rehabilitation	0	175,000	181,000	190,000	204,000	210,000	0	0	960,000
Freedom Wells and Connections	765,000	97,000	367,000	250,000	836,000	0	217,000	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	0	55,000	264,000	280,000	290,000	310,000	0	0	1,199,000
Hydrant Replacements	160,000	99,000	0	0	0	0	124,000	0	383,000
North Pump Station Upgrade	0	180,000	0	0	0	0	2,260,000	0	2,440,000
Patapsco Valley Pump Station Upgrade	0	0	0	0	0	305,000	0	2,210,000	2,515,000
Pleasant Valley WWTP Rehabilitation	0	0	0	0	0	387,000	0	0	387,000
Raincliffe WTP Rehabilitation	231,000	0	0	0	0	0	0	0	231,000
Runnymede Wastewater Treatment Facility Rehabilitation	0	0	0	0	297,000	0	0	0	297,000
Sewer Grinder Installation/Rehabilitation	60,500	60,500	60,500	0	0	0	0	0	181,500
Sewer Manhole Rehabilitation	0	80,000	83,000	87,000	91,000	96,000	0	0	437,000
Sewer Pipe Repair, Replacement, and New Installations	0	110,000	116,000	121,000	128,000	134,000	0	0	609,000
Shiloh Pump Station Expansion	0	0	0	0	220,000	1,455,000	0	0	1,675,000
South Carroll Wastewater Treatment Facility Rehabilitation	0	385,000	0	0	0	0	0	0	385,000
Standby Generator Replacement	0	147,000	144,000	37,000	66,000	66,000	0	0	460,000
Stream Bank Stabilization	99,000	0	0	0	0	0	0	0	99,000
Sykesville Pump Station Expansion	0	0	0	0	290,000	2,106,000	0	0	2,396,000
Tank Rehabilitations and Replacements	640,000	640,000	640,000	640,000	640,000	640,000	0	0	3,840,000
Town of Sykesville Streetscape Water and Sewer Upgrades	700,000	715,000	737,000	0	0	0	550,000	0	2,702,000
Town of Sykesville Water and Sewer Upgrades	0	0	1,065,000	1,090,000	1,122,000	0	0	0	3,277,000
Warfield Complex Water/Sewer Rehabilitation	335,500	0	0	0	0	0	0	0	335,500
Water Main Loops	0	440,000	440,000	440,000	440,000	440,000	352,000	0	2,552,000
Water Main Valve Replacements	357,000	357,000	357,000	357,000	357,000	357,000	0	0	2,142,000
Water Meters	610,500	632,500	649,000	671,000	687,500	709,500	0	0	3,960,000
Water Service Line Replacement	268,400	281,800	295,900	310,800	326,700	342,600	0	0	1,826,200
Water/Sewer Studies	324,500	280,500	0	0	0	0	968,000	0	1,573,000
Winfield Pump Station Rehabilitation	0	0	0	181,500	0	0	0	0	181,500
<b>UTILITIES ENTERPRISE FUND TOTAL</b>	<b>\$4,725,400</b>	<b>\$4,909,300</b>	<b>\$5,698,400</b>	<b>\$4,829,300</b>	<b>\$6,197,200</b>	<b>\$7,732,100</b>	<b>\$4,471,000</b>	<b>\$2,210,000</b>	<b>\$40,772,700</b>
<b>SOURCES OF FUNDING:</b>									
Transfer from General Fund	\$0	\$385,000	\$0	\$181,500	\$297,000	\$0	\$0	\$0	\$863,500
Transfer from IDA	300,000	0	0	0	0	0	0	0	300,000
Enterprise Fund - Utilities	0	0	0	0	0	0	550,000	0	550,000
Utilities Maintenance Fee	640,000	640,000	640,000	640,000	640,000	640,000	352,000	0	4,192,000
Utilities Sewer User Fees	631,979	1,255,500	1,749,500	1,260,000	1,609,000	3,083,500	1,130,000	0	10,719,479
Reallocated Utilities Sewer User Fees	95,271	0	0	0	0	0	0	0	95,271
Utilities Water User Fees	3,058,150	2,538,800	3,308,900	2,747,800	3,396,200	2,023,100	1,309,000	0	18,381,950
Area Connection Charges	0	90,000	0	0	255,000	1,985,500	1,130,000	2,210,000	5,670,500
<b>UTILITIES ENTERPRISE FUND TOTAL</b>	<b>\$4,725,400</b>	<b>\$4,909,300</b>	<b>\$5,698,400</b>	<b>\$4,829,300</b>	<b>\$6,197,200</b>	<b>\$7,732,100</b>	<b>\$4,471,000</b>	<b>\$2,210,000</b>	<b>\$40,772,700</b>

# Billing Software

Stephanie R. Krome, 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 IT upgrade.

*Operating impacts to be determined as the project develops.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,000</b>

<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees					14,000				14,000
Utilities Water User Fees					14,000				14,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Fairhaven Well House Rehabilitation

District Location: 5

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

Proj #

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

*Operating impacts to be determined as the project develops.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>0</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>

<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

District Location: 5

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

6444

This project provides ongoing funding for the inspection and lining repairs of the sanitary sewer mains and laterals. Lining the pipe increases the life of the sewer mains by sealing joints and cracks, preventing inflow and infiltration from damaging the system.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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			872,000
Equipment/Furnishings									0
Other		15,000	16,000	18,000	19,000	20,000			88,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>175,000</b>	<b>181,000</b>	<b>190,000</b>	<b>204,000</b>	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>960,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		175,000	181,000	190,000	204,000	210,000			960,000
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Freedom Wells and Connections

District Location: 5

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

6445

This project provides funding to add wells to provide additional water to the Freedom service area. Providing more sources of water reduces dependency on Liberty Reservoir.

*Operating impacts to be determined as the project develops.*

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		55,000		150,000			140,000		345,000
Land Acquisition		33,000		79,000			77,000		189,000
Site Work									0
Construction	695,000		333,000		760,000				1,788,000
Equipment/Furnishings									0
Other	70,000	9,000	34,000	21,000	76,000				210,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>765,000</b>	<b>97,000</b>	<b>367,000</b>	<b>250,000</b>	<b>836,000</b>	<b>0</b>	<b>217,000</b>	<b>0</b>	<b>2,532,000</b>
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<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0
Utilities Water User Fees	765,000	97,000	367,000	250,000	836,000		217,000		2,532,000
Area Connection Charges									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0	0	0	0

# Freedom WTP Membrane Replacement

District Location: 5

Stephanie R. Krome, 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>
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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	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

District Location: 2

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

6446

This project provides ongoing funding for the inspection and lining repairs of the sanitary sewer mains and laterals, including clearing of off-road easements. Lining the pipe increases the life of the sewer mains by sealing joints and cracks, preventing inflow and infiltration from damaging the system.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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			1,090,000
Equipment/Furnishings									0
Other		5,000	24,000	25,000	25,000	30,000			109,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>55,000</b>	<b>264,000</b>	<b>280,000</b>	<b>290,000</b>	<b>310,000</b>	<b>0</b>	<b>0</b>	<b>1,199,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		55,000	264,000	280,000	290,000	310,000			1,199,000
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Hydrant Replacements

Stephanie R. Krome, 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 40 of the 900 hydrants in these areas.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	145,000	90,000							235,000
Equipment/Furnishings							124,000		124,000
Other	15,000	9,000							24,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>160,000</b>	<b>99,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>124,000</b>	<b>0</b>	<b>383,000</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	160,000	99,000					124,000		383,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0



# North Pump Station Upgrade

District Location: 2

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

6418

This project provides planned funding to expand capacity for anticipated future flows at the North Pump Station, located on Route 30 in Hampstead.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		160,000					295,000		455,000
Land Acquisition									0
Site Work									0
Construction							1,874,000		1,874,000
Equipment/Furnishings									0
Other		20,000					91,000		111,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>180,000</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>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		90,000					1,130,000		1,220,000
Area Connection Charges		90,000					1,130,000		1,220,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Patapsco Valley Pump Station Upgrade

District Location: 5

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

Proj #

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>305,000</b>	<b>0</b>	<b>2,210,000</b>	<b>2,515,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees						100,000			100,000
Area Connection Charges						205,000		2,210,000	2,415,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Pleasant Valley WWTP Rehabilitation

District Location: 1

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

Proj #

This project provides planned funding for the rehabilitation of the Pleasant Valley Wastewater Treatment Plant (WWTP), which was put in service in 1997. The scope includes replacement of pumps, blowers, generator, UV equipment, electric/control upgrades, painting of the sequence batch reactor tanks, and other site improvements.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings						351,700			351,700
Other						35,300			35,300
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>387,000</b>	<b>0</b>	<b>0</b>	<b>387,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees						387,000			387,000
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Raincliffe WTP Rehabilitation

District Location: 5

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

Proj #

This project provides funding to rehabilitate the Raincliffe Water Treatment Plant, located on Willow Bottom Road in Sykesville. Included are upgrades of current equipment, software, and controls, and an additional standby generator with an automatic transfer switch. This project will also expand the capacity of the plant and add treatment processes for two additional wells that will be connected through the Freedom Wells capital project.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	210,000								210,000
Equipment/Furnishings									0
Other	21,000								21,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>231,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>231,000</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	231,000								231,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Runnymede Wastewater Treatment Facility Rehabilitation

District Location: 1

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

Proj #

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction					270,000				270,000
Equipment/Furnishings									0
Other					27,000				27,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297,000</b>
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<b>SOURCES OF FUNDS</b>									
Transfer from General Fund					297,000				297,000
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Sewer Grinder Installation/Rehabilitation

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

Proj #

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	55,000	55,000	55,000						165,000
Equipment/Furnishings									0
Other	5,500	5,500	5,500						16,500
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>60,500</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>181,500</b>
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<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees	60,500	60,500	60,500						181,500
Utilities Water User Fees									0
Area Connection Charges									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Sewer Manhole Rehabilitation

District Location: 2 and 5

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

6403

This project provides ongoing funding, beginning in FY 20, to rehabilitate the Freedom area's 3,000 and Hampstead's 1,000 sanitary 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	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			397,000
Equipment/Furnishings									0
Other		7,000	8,000	8,000	8,000	9,000			40,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>80,000</b>	<b>83,000</b>	<b>87,000</b>	<b>91,000</b>	<b>96,000</b>	<b>0</b>	<b>0</b>	<b>437,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		80,000	83,000	87,000	91,000	96,000			437,000
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Sewer Pipe Repair, Replacement, and New Installations

District Location: 2 and 5

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

6448

This project provides ongoing funding for various sewer repairs including point repairs, removal/replacement, pipe bursting, underground directional drilling, and new pipe installations for existing residents with failing sewer systems. Included is clearing of off-road easements to maintain sewer pipes

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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			553,000
Equipment/Furnishings									0
Other		10,000	11,000	11,000	12,000	12,000			56,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>110,000</b>	<b>116,000</b>	<b>121,000</b>	<b>128,000</b>	<b>134,000</b>	<b>0</b>	<b>0</b>	<b>609,000</b>
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<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			609,000
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0



# Shiloh Pump Station Expansion

District Location: 2

Stephanie R. Krome, 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.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>0</b>	<b>220,000</b>	<b>1,455,000</b>	<b>0</b>	<b>0</b>	<b>1,675,000</b>
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<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>									
	0	0	0	0	0	0			0

# South Carroll Wastewater Treatment Facility Rehabilitation

District Location: 4

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

Proj #

This project provides planned funding for the rehabilitation of the South Carroll Wastewater Treatment Facility, which was put into service in 1992 and serves South Carroll High. Included is replacement of pumps, blowers, and a generator, as well as electrical and control upgrades, and other site improvements including repair of a failing outfall and headwall.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		350,000							350,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other		35,000							35,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>385,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>385,000</b>
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<b>SOURCES OF FUNDS</b>									
Transfer from General Fund		385,000							385,000
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			

# Standby Generator Replacement

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

6035

This project provides ongoing funding for replacement of the standby generator fleet. Currently, there are a total of 24 standby generators at the wastewater pumping stations and wastewater treatment plant and a total of 4 at the water treatment facilities and water tanks. The standby generators are critical to providing water and sewer service should a power failure occur.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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			416,000
Other		14,000	14,000	4,000	6,000	6,000			44,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>147,000</b>	<b>144,000</b>	<b>37,000</b>	<b>66,000</b>	<b>66,000</b>	<b>0</b>	<b>0</b>	<b>460,000</b>
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<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees		147,000	144,000	37,000	66,000	66,000			460,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Stream Bank Stabilization

District Location: 5

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

Proj #

This project provides funding for the stabilization of stream banks at the Pine Hill and Stone Manor pump stations, located in Sykesville.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	90,000								90,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	9,000								9,000
<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>0</b>	<b>0</b>	<b>99,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees	99,000								99,000
Utilities Water User Fees									0

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Sykesville Pump Station Expansion

District Location: 5

Stephanie R. Krome, 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.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					290,000				290,000
Land Acquisition									0
Site Work									0
Construction						1,914,500			1,914,500
Equipment/Furnishings									0
Other						191,500			191,500
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>290,000</b>	<b>2,106,000</b>	<b>0</b>	<b>0</b>	<b>2,396,000</b>
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<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees					145,000	1,053,000			1,198,000
Utilities Water User Fees									0
Area Connection Charges					145,000	1,053,000			1,198,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Tank Rehabilitations and Replacements

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

6332

This project provides ongoing funding for tank inspections every three years and for the rehabilitation/replacement of existing tanks. It also includes site work and maintenance in order to maintain current assets. Listed below are tank sites:

- Kabik
- Martz
- Liberty
- Bartholow
- Linton
- Pleasant Valley

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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	580,000			3,480,000
Construction									0
Equipment/Furnishings									0
Other	60,000	60,000	60,000	60,000	60,000	60,000			360,000
<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>640,000</b>	<b>0</b>	<b>0</b>	<b>3,840,000</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	640,000			3,840,000
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

District Location: 5

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

6431

This project provides funding to line the existing water and sewer clay pipes along Main Street. Included is the possibility of removing, replacing, and relocating pipes to coincide with the Town of Sykesville Streetscape project.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							550,000		550,000
Land Acquisition									0
Site Work									0
Construction	640,000	650,000	670,000						1,960,000
Equipment/Furnishings									0
Other	60,000	65,000	67,000						192,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>700,000</b>	<b>715,000</b>	<b>737,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>	<b>0</b>	<b>2,702,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities							550,000		550,000
Utilities Maintenance Fee									0
Utilities Sewer User Fees	350,000	357,500	368,500						1,076,000
Utilities Water User Fees	350,000	357,500	368,500						1,076,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			

# Town of Sykesville Water and Sewer Upgrades

District Location: 5

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

Proj #

This project provides planned funding to line clay pipes that are between 50 and 90 years old in the Town of Sykesville. Main Street will be addressed through the Town of Sykesville Streetscape Water and Sewer Upgrades project.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>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>3,277,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee									0
Utilities Sewer User Fees			532,500	545,000	561,000				1,638,500
Utilities Water User Fees			532,500	545,000	561,000				1,638,500

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0



# Warfield Complex Water/Sewer Rehabilitation

District Location: 5

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

Proj #

This project provides funding for the rehabilitation of the existing water and sewer lines at the Warfield Complex in Sykesville.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	305,000								305,000
Equipment/Furnishings									0
Other	30,500								30,500
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>335,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>335,500</b>
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<b>SOURCES OF FUNDS</b>									
Transfer from IDA	300,000								300,000
Enterprise Fund - Utilities									0
Utilities Sewer User Fees	17,750								17,750
Utilities Water User Fees	17,750								17,750

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Water Main Loops

District Location: 5

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

6425

This project provides ongoing funding to connect various water mains to provide adequate looping in the Freedom 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. Listed below are planned sites:

- Calvert Way and Dale Drive 8" Loop (925')
- Kennard Court and Lawrence Court 8" Loop (510')
- Sussex Court and Breckenridge Court 8" Loop (1,650')
- Brunswick Drive and Woodbridge Lane 8" Loop (1,050')
- Slacks Road from Quad Lane to Macbeth Way 8" Loop (1,150')
- Oklahoma Avenue (Sykesville) from Main Street to Schoolhouse Road 8" Loop (1,300')
- Ronsdale Road to Linton Road 8" Loop (1,640')

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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	352,000		2,552,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>0</b>	<b>440,000</b>	<b>440,000</b>	<b>440,000</b>	<b>440,000</b>	<b>440,000</b>	<b>352,000</b>	<b>0</b>	<b>2,552,000</b>
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<b>SOURCES OF FUNDS</b>									
Enterprise Fund - Utilities									0
Utilities Maintenance Fee							352,000		352,000
Utilities Sewer User Fees									0
Utilities Water User Fees		440,000	440,000	440,000	440,000	440,000			2,200,000

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Water Main Valve Replacements

District Location: 5

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

6428

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>									
Enterprise Fund - Utilities									0
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
<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			0

# Water Meters

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

6311

This project provides ongoing funding for the upgrade and replacement of 10,000 existing meters. The upgrade includes software and hardware equipment that will enable staff to collect meter readings while driving by homes 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	555,000	575,000	590,000	610,000	625,000	645,000			3,600,000
Equipment/Furnishings									0
Other	55,500	57,500	59,000	61,000	62,500	64,500			360,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>610,500</b>	<b>632,500</b>	<b>649,000</b>	<b>671,000</b>	<b>687,500</b>	<b>709,500</b>	<b>0</b>	<b>0</b>	<b>3,960,000</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	610,500	632,500	649,000	671,000	687,500	709,500			3,960,000

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			0
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# Water Service Line Replacement

District Location: 5

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

6429

This project provides ongoing funding to replace water service lines in the Freedom area. Leaking water laterals 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 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	244,000	256,200	269,000	282,500	297,000	311,400			1,660,100
Equipment/Furnishings									0
Other	24,400	25,600	26,900	28,300	29,700	31,200			166,100
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>268,400</b>	<b>281,800</b>	<b>295,900</b>	<b>310,800</b>	<b>326,700</b>	<b>342,600</b>	<b>0</b>	<b>0</b>	<b>1,826,200</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	268,400	281,800	295,900	310,800	326,700	342,600			1,826,200

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Water/Sewer Studies

District Location: 2 and 5

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

6385

This project provides funding for a study of the Freedom water treatment, storage, and distribution systems, and of the Freedom and Hampstead sewer collection systems. Studies will include asset conditions, expected life, and capacity assessment.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	295,000	255,000					968,000		1,518,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	29,500	25,500							55,000
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>324,500</b>	<b>280,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>968,000</b>	<b>0</b>	<b>1,573,000</b>
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<b>SOURCES OF FUNDS</b>									
Utilities Maintenance Fee									0
Utilities Sewer User Fees	104,729	180,500							285,229
Reallocated Utilities Sewer User Fees	95,271								95,271
Utilities Water User Fees	124,500	100,000					968,000		1,192,500

<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# Winfield Pump Station Rehabilitation

District Location: 4

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

Proj #

This project provides planned funding to rehabilitate the Winfield Pump Station, which was built in 1993, with new pumps, control systems, roofing, generator, bypass valving, and paving. This pump station was built by the Board of Education for Winfield Elementary on West Old Liberty Road in Sykesville.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>0</b>	<b>181,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181,500</b>
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<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>									
	0	0	0	0	0	0			