COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2017 TO 2022

							Prior	Balance to	Total
	2017	2018	2019	2020	2021	2022	Allocation	Complete	Project Cost
UTILITIES ENTERPRISE:									
Freedom District Relief Sewer No.10 (Sykesville Interceptor)	\$525,500	\$2,696,200	\$0	\$0	\$0	\$0	\$405,300	\$0	\$3,627,000
Hydrant Replacements	118,000	124,000	130,000	137,000	143,000	150,150	0	0	802,150
Patapsco Valley Pump Station Upgrade	0	0	0	0	0	356,400	0	0	356,400
Piney Run Pump Station Improvements	60,000	0	0	0	0	0	305,000	0	365,000
Pleasant Valley WWTP Rehabilitation	0	0	0	0	0	825,000	0	0	825,000
Roberts Field Pump Station Rehabilitation	198,000	0	0	0	0	0	0	0	198,000
Sewer Main Rehabilitation	433,000	455,000	477,100	501,000	526,000	553,000	0	0	2,945,100
Sewer Manhole Rehabilitation	222,000	233,000	245,000	258,000	271,000	285,000	0	0	1,514,000
South Carroll High WWTP Rehabilitation	0	0	0	0	0	566,500	0	0	566,500
Standby Generator Replacement	133,350	151,000	0	192,000	211,000	39,000	0	0	726,350
Stone Manor Pump Station Rehabilitation	302,500	0	0	0	0	0	0	0	302,500
Tank Painting, Repair and Rehabilitation	275,000	322,000	1,000,000	350,000	424,000	450,000	0	0	2,821,000
Town of Sykesville Streetscape Water and Sewer Upgrades	550,000	0	0	5,145,000	0	0	0	0	5,695,000
Town of Sykesville Water and Sewer Upgrades	0	0	0	0	900,000	1,475,000	0	8,900,000	11,275,000
Water Main Loops	335,000	352,000	370,000	389,000	408,000	428,000	489,000	800,000	3,571,000
Water Main Valve Replacements	241,500	254,000	266,000	280,000	293,500	308,000	0	0	1,643,000
Water Meters	865,000	590,000	620,000	650,000	683,000	717,000	0	0	4,125,000
Water Service Line Replacement	235,000	246,750	259,000	272,000	285,600	300,000	0	0	1,598,350
Water/Sewer Studies	0	0	0	100,000	0	0	400,000	0	500,000
Waters Edge Pump Station Rehabilitation	0	260,000	0	0	0	0	0	0	260,000
West Hampstead Collector Sewer Main Upgrade/Repair	1,697,400	0	0	0	0	0	147,600	0	1,845,000
Winfield Pump Station Upgrade	0	0	0	0	0	181,500	0	0	181,500
UTILITIES ENTERPRISE TOTAL	\$6,191,250	\$5,683,950	\$3,367,100	\$8,274,000	\$4,145,100	\$6,634,550	\$1,746,900	\$9,700,000	\$45,742,850
					.,,,				· · · ·
SOURCES OF FUNDING:									
Transfer from General Fund	\$0	\$0	\$0	\$0	\$50,000	\$748,000	\$0	\$0	\$798,000
Utilities User Fees	5,665,750	2,987,750	3,367,100	3,369,000	3,195,100	4,411,550	1,341,600	800,000	25,137,850
Maintenance Fee	85,255	437,839	0	4,905,000	900,000	1,475,000	65,817	8,900,000	16,768,911
Area Connection Charges	440,245	2,258,361	0	0	0	0	339,483	0	3,038,089
UTILITIES ENTERPRISE TOTAL	\$6,191,250	\$5,683,950	\$3,367,100	\$8,274,000	\$4,145,100	\$6,634,550	\$1,746,900	\$9,700,000	\$45,742,850

Freedom District Relief Sewer No.10 (Sykesville Interceptor)

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides funding for the installation of a new sanitary sewer main and pumping station. The current gravity sewer main runs parallel to the railroad tracks and the South Branch Patapsco River. This section of sanitary sewer main was constructed in 1969 and has limited access and a history of problems. An engineering evaluation will be performed to determine the location of the new pump station and sewer line.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
			,	•					
Engineering/Design	283,500						79,500		363,000
Land Acquisition	242,000								242,000
Site Work		34,200					86,800		121,000
Construction		545,000					217,000		762,000
Equipment/Furnishings		1,655,000							1,655,000
Other		462,000					22,000		484,000
EXPENDITURES									
TOTAL	525,500	2,696,200	0	0	0	0	405,300	0	3,627,000
	1								
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees									0
Maintenance Fee	85,255	437,839					65,817		588,911
Area Connection Charges	440,245	2,258,361					339,483		3,038,089
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Hydrant Replacements

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding to replace the County's 900 hydrants. The annual allocation for this project funds the replacement of approximately 25 hydrants.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	118,000	124,000	130,000	137,000	143,000	150,150			802,150
Other									0
EXPENDITURES									
то	DTAL 118,000	124,000	130,000	137,000	143,000	150,150	0	0	802,150
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	118,000	124,000	130,000	137,000	143,000	150,150			802,150
Maintenance Fee									0
Area Connection Charges									0
			••••••	•					
PROJECTED OPERATING IMPACTS	C	0	0	0	0	0			

Patapsco Valley Pump Station Upgrade

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides planned funding to rehabilitate the Patapsco Valley Pump Station, built in 2000, with new pumps, controls, grinder, generator, roofing, bypass valving, fencing and paving repairs.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction						324,000			324,000
Equipment/Furnishings									0
Other						32,400			32,400
EXPENDITURES									
TOTAL	0	0	0	0	0	356,400	0	0	356,400
	1								
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees						356,400			356,400
Maintenance Fee									0
Area Connection Charges									0
					•				
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Piney Run Pump Station Improvements

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides funding for improvements to Piney Run Pump Station. The existing pumps are experiencing mechanical problems. Modifications will be made to the pump station to install larger heavy-duty pumps in order to handle the current and projected flows.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
•			,	•					
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	30,000						305,000		335,000
Equipment/Furnishings									0
Other	30,000								30,000
EXPENDITURES									
-									
TOTAL	60,000	0	0	0	0	0	305,000	0	365,000
	I								
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	60,000						305,000		
	,						202,000		365,000
Maintenance Fee							,		365,000 0
Maintenance Fee Area Connection Charges									
									0

Pleasant Valley WWTP Rehabilitation

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides planned funding for the rehabilitation of the Pleasant Valley Wastewater Treatment Facility, which was put in service in 1997. The scope will include replacement of pumps, blowers and a generator, as well as electrical and control upgrades, painting of the sequence batch reactor tanks, and other site improvements.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
-									
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction						750,000			750,000
Equipment/Furnishings									0
Other						75,000			75,000
EXPENDITURES									
TOTAL	0	0	0	0	0	825,000	0	0	825,000
)
SOURCES OF FUNDS									
SOURCES OF FUNDS Transfer from General Fund									0
ſ						825,000			
Transfer from General Fund						825,000			0
Transfer from General Fund Utilities User Fees						825,000			0 825,000

Proj #

Roberts Field Pump Station Rehabilitation

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides funding to rehabilitate the Roberts Field Pump Station, built in 1993, with new pumps, controls, grinder, generator, roofing, bypass valving, fencing and paving repairs.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
	<u>г г</u>			1					
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	180,000								180,000
Other	18,000								18,000
EXPENDITURES									
TOTAL	198,000	0	0	0	0	0	0	0	198,000
	, <u>,</u>			•					· · · · · ·
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	198,000								198,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Sewer Main Rehabilitation

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Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding for the lining and/or repairs of the sanitary sewer mains. Lining the pipe increases the life of the sewer mains by sealing the joints and cracks and stopping tree roots and influx and infiltration from damaging the system.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	393,000	413,000	433,000	455,000	478,000	502,000			2,674,000
Equipment/Furnishings									0
Other	40,000	42,000	44,100	46,000	48,000	51,000			271,100
EXPENDITURES									
TOTAL	433,000	455,000	477,100	501,000	526,000	553,000	0	0	2,945,100
TOTAL SOURCES OF FUNDS	433,000	455,000	477,100	501,000	526,000	553,000	0	0	2,945,100
	433,000	455,000	477,100	501,000	526,000	553,000	0	0	2,945,100 0
SOURCES OF FUNDS	433,000 433,000	455,000 455,000	477,100 477,100	501,000 501,000	526,000 526,000	553,000 553,000	0	0	
SOURCES OF FUNDS Transfer from General Fund							0	0	0
SOURCES OF FUNDS Transfer from General Fund Utilities User Fees							0	0	0 2,945,100
SOURCES OF FUNDS Transfer from General Fund Utilities User Fees Maintenance Fee							0	0	0 2,945,100 0

Sewer Manhole Rehabilitation

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding to rehabilitate the Freedom area's 3,000 sanitary sewer manholes and Hampstead's 1,000 sanitary sewer manholes. The funding for this project will address 40 - 60 manholes annually. 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.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	222,000	233,000	245,000	258,000	271,000	285,000			1,514,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	222,000	233,000	245,000	258,000	271,000	285,000	0	0	1,514,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	222,000	233,000	245,000	258,000	271,000	285,000			1,514,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

South Carroll High WWTP Rehabilitation

0

0

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

IMPACTS

This project provides planned funding for the rehabilitation of the South Carroll Wastewater Treatment Facility, which was put in service in 1992. The scope will include replacement of pumps, blowers and a generator, as well as electrical and control upgrades, painting of the sequence batch reactor tanks, and other site improvements.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
-	,	1110		1120		1122	Thiotation	complete	Tiojeet cost
Engineering/Design									(
Land Acquisition									(
Site Work									
Construction						515,000			515,000
Equipment/Furnishings									0
Other						51,500			51,500
TOTAL	0	0	0	0	0	566,500	0	0	566,50
TOTAL	0	0	0	0	0	566,500	0	0	566,50
SOURCES OF FUNDS		[[[]				1
Transfer from General Fund						566,500			566,500
Utilities User Fees									0
Maintenance Fee									
Area Connection Charges									
PROJECTED OPERATING									

0

0

Standby Generator Replacement

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides 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 plants and a total of 4 at the water treatment facilities and water tanks. The standby generators are critical to continue providing water and sewer service should a power failure occur.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
•									*
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	133,350	151,000		192,000	211,000	39,000			726,350
Other									0
EXPENDITURES									
TOTAL	133,350	151,000	0	192,000	211,000	39,000	0	0	726,350
SOURCES OF FUNDS									
Transfer from General Fund					50,000				50,000
Utilities User Fees	133,350	151,000		192,000	161,000	39,000			676,350
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING									

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides funding to rehabilitate the Stone Manor Pump Station, which was built in 1997, with new pumps and controls, roofing, a generator, and upgrade of the electrical system.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	275,000								275,000
Other	27,500								27,500
EXPENDITURES									
TOTAL	302,500	0	0	0	0	0	0	0	302,500
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	302,500								302,500
Maintenance Fee									0
Area Connection Charges									
									0

Tank Painting, Repair and Rehabilitation

0

0

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding for protective coatings to both interior and exterior surfaces, addressing safety concerns, performing ongoing spot maintenance on coatings to protect assets from corrosion, trimming and/or removal of trees around the tank that affect the coating, and general security maintenance upgrades of water storage tanks. The following water tank sites are planned for painting as funds become available:

Bark Hill Martz Liberty

IMPACTS

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work	275,000	300,000	1,000,000	350,000	400,000	450,000			2,775,000
Construction									0
Equipment/Furnishings									0
Other		22,000			24,000				46,000
EXPENDITURES				· · ·					

TOTAL	275,000	322,000	1,000,000	350,000	424,000	450,000	0	0	2,821,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	275,000	322,000	1,000,000	350,000	424,000	450,000			2,821,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING									

0

0

0

Town of Sykesville Streetscape Water and Sewer Upgrades

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

District Location: 5

6431

This project provides funding to replace the water and sewer infrastructure on Maryland Route 851. This project will coincide with the Town of Sykesville Streetscape project.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	550,000								550,000
Land Acquisition									0
Site Work									0
Construction				3,675,000					3,675,000
Equipment/Furnishings									0
Other				1,470,000					1,470,000
EXPENDITURES									
TOTAL	550,000	0	0	5,145,000	0	0	0	0	5,695,000
_	_								
SOURCES OF FUNDS									
Transfer from General Fund									0
Enterprise Fund - Utilities	550,000			240,000					790,000
Maintenance Fee				4,905,000					4,905,000
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Town of Sykesville Water and Sewer Upgrades

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides planned funding to rehabilitate or replace the cast iron water mains and clay sanitary sewer lines in the Town of Sykesville. The Bureau of Utilities operates and maintains both the water and sewer lines in the Town, which are between 50 and 90 years old. The aging condition of lines has led to water and sanitary sewer breaks, affecting both businesses and residents. Engineering for the project is expected to start in FY 21 with construction to begin in FY 22 and continue through FY 30.

	EV 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to	Total
•	FY 17	F1 18	F1 19	F I 20	FI 21	F I 22	Allocation	Complete	Project Cost
Engineering/Design					900,000				900,000
Land Acquisition									0
Site Work									0
Construction						1,475,000		8,900,000	10,375,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	0	900,000	1,475,000	0	8,900,000	11,275,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees									0
Maintenance Fee					900,000	1,475,000		8,900,000	11,275,000
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Water Main Loops

District Location: 5 6425

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides funding to connect various water mains in the Freedom area 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, provides for fire flow improvements, and helps maintain and improve water quality.

Projects include:

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 Woodridge Lane 8" loop (1,050') Slacks Road from Quad Lane to Macbeth Way 8" loop (1,150') Oklahoma Avenue (Sykesville) from Main Street to end on Oklahoma Avenue 8" loop (1,300')

Ronsdale Road to Linton Road 8" loop (1,640')

	-	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design/Insp.										0
Land Acquisition										0
Site Work										0
Construction		335,000	352,000	370,000	389,000	408,000	428,000	489,000	800,000	3,571,000
Equipment/Furnishings										0
Other										0
EXPENDITURES										
	TOTAL	335,000	352,000	370,000	389,000	408,000	428,000	489,000	800,000	3,571,000
SOURCES OF FUNDS	TOTAL	335,000	352,000	370,000	389,000	408,000	428,000	489,000	800,000	3,571,000
SOURCES OF FUNDS Transfer from General Fund	TOTAL	335,000	352,000	370,000	389,000	408,000	428,000	489,000	800,000	3,571,000
	TOTAL	335,000 335,000	352,000 352,000	370,000 370,000	389,000 389,000	408,000 408,000	428,000 428,000	489,000 489,000	800,000 800,000	
Transfer from General Fund	TOTAL									0
Transfer from General Fund Utilities User Fees	TOTAL									0 3,571,000

Water Main Valve Replacements

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

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 new main connections into the system. Blow-off valves allow for waterline flushing to reduce the buildup of sediment and stagnant water. The planned annual allocation will fund approximately forty valve replacements.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	241,500	254,000	266,000	280,000	293,500	308,000			1,643,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
_									
TOTAL	241,500	254,000	266,000	280,000	293,500	308,000	0	0	1,643,000
TOTAL	241,500	254,000	266,000	280,000	293,500	308,000	0	0	1,643,000
TOTAL SOURCES OF FUNDS	241,500	254,000	266,000	280,000	293,500	308,000	0	0	1,643,000
	241,500	254,000	266,000	280,000	293,500	308,000	0	0	1,643,000
SOURCES OF FUNDS	241,500 241,500	254,000 254,000	266,000 266,000	280,000 280,000	293,500 293,500	308,000	0	0	
SOURCES OF FUNDS Transfer from General Fund							0	0	0
SOURCES OF FUNDS Transfer from General Fund Utilities User Fees							0	0	0
SOURCES OF FUNDS Transfer from General Fund Utilities User Fees Maintenance Fee							0	0	0 1,643,000 0

Water Meters

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding for the upgrade and replacement of the 10,000 existing meters. The upgrade will include software and hardware equipment that will enable staff to collect meter readings while driving by homes and could also include replacement of the vault and/or conversion from curb-stop-type water house connections to meter vault-type connections. The conversion to meter vaults would move the meter from inside private houses to a vault located in the County right-of-way to allow easier maintenance and meter readings.

-	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	865,000	590,000	620,000	650,000	683,000	717,000			4,125,000
Equipment/Furnishings									0
Other									0
TOTAL	865,000	590,000	620,000	650,000	683,000	717,000	0	0	4,125,000
SOURCES OF FUNDS			•						
Transfer from General Fund									0
Utilities User Fees	865,000	590,000	620,000	650,000	683,000	717,000			4,125,000
Maintenance Fee									0
									÷
Area Connection Charges									0

Water Service Line Replacement

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides ongoing funding to replace water service lines in the Freedom area of the County. The service lines vary in length, but typically average 50 to 75 feet. The annual allocation for this project funds the replacement of approximately 50-60 water service lines each year.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
-									
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	235,000	246,750	259,000	272,000	285,600	300,000			1,598,350
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	235,000	246,750	259,000	272,000	285,600	300,000	0	0	1,598,350
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	235,000	246,750	259,000	272,000	285,600	300,000			1,598,350
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS									

Water/Sewer Studies

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides planned funding for a study of the Freedom water distribution system and of the Freedom and Hampstead sewer collection systems. The studies performed will include asset conditions, expected life, capacity conditions, system breaches, etc. The study will become a platform for follow-up studies to keep up to date for budgeting and maintenance scheduling.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
-	1117	1110	111/	1120	1121	1122	Thoeation	Complete	110jeet cost
Engineering/Design				100,000			400,000		500,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	100,000	0	0	400,000	0	500,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Utilities User Fees				100,000			400,000		500,000
Maintenance Fee									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides planned funding to rehabilitate the Waters Edge Pump Station, which was built in 2001, with new pump assembly, roofing, updated electric controls, grinder, paving and fencing.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings		235,000							235,000
Other		25,000							25,000
EXPENDITURES									
TOTAL	0	260,000	0	0	0	0	0	0	260,000
		-							
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees		260,000							260,000
Maintenance Fee									0
Area Connection Charges									0
	· · · ·							-	•

West Hampstead Collector Sewer Main Upgrade/Repair

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

This project provides funding for the upgrade, repair and/or replacement of the clay sewer main serving Carroll Street, Houcksville Road, Gill Avenue, and Shiloh Road on the west side of the Town of Hampstead. The main was originally constructed in 1968.

	FX 17	EV 10	EV 10	EV 20	EV 01	EV 00	Prior	Balance to	Total
	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Allocation	Complete	Project Cost
Engineering/Design							147,600		147,600
Land Acquisition									0
Site Work	73,800								73,800
Construction	1,476,000								1,476,000
Equipment/Furnishings									0
Other	147,600								147,600
EXPENDITURES									
TOTAL	1,697,400	0	0	0	0	0	147,600	0	1,845,000
	I								
SOURCES OF FUNDS Transfer from General Fund	l								0
Utilities User Fees	1,697,400						147,600		1,845,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Winfield Pump Station Upgrade

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

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 specifically for Winfield Elementary School on Salem Bottom Road.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Prior Allocation	Balance to Complete	Total Project Cost
•									
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings						165,000			165,000
Other						16,500			16,500
EXPENDITURES									
TOTAL	0	0	0	0	0	181,500	0	0	181,500
SOURCES OF FUNDS									
Transfer from General Fund						181,500			181,500
Utilities User Fees									0
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			