

# Utilities Enterprise Fund Summary

Sources of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 08	Budget FY 09	Budget FY 09	Budget FY 10	From Orig. FY 09	From Adj. FY 09
MES Reimbursement	\$21,482	\$13,000	\$13,000	\$18,000	38.46%	38.46%
Water Usage	2,827,946	3,067,650	3,067,650	3,284,275	7.06%	7.06%
Sewer Usage	3,986,706	4,579,330	4,579,330	4,589,625	0.22%	0.22%
Lateral/Meter Service	54,601	42,000	42,000	50,000	19.05%	19.05%
Interest	1,800,809	1,200,000	1,200,000	300,000	-75.00%	-75.00%
Rents	97,981	106,990	106,990	107,000	0.01%	0.01%
Miscellaneous	203,031	42,700	42,700	47,300	10.77%	10.77%
Transfers in from the General Fund	172,850	206,980	206,980	200,200	-3.28%	-3.28%
Transfer from General Fund for Capital Projects	457,000	0	0	0	0.00%	0.00%
Bonds *	0	0	0	0	0.00%	0.00%
Retained Earnings	0	0	0	1,187,070	100.00%	100.00%
Enterprise Fund - Utilities	491,338	1,307,820	1,307,820	1,576,650	20.56%	20.56%
Maintenance Fees W/S	1,427,782	205,288	205,288	223,000	8.63%	8.63%
Area Connection Charges	855,655	326,192	326,192	34,750	-89.35%	-89.35%
<b>Total Sources of Funding</b>	<b>\$12,397,181</b>	<b>\$11,097,950</b>	<b>\$11,097,950</b>	<b>\$11,617,870</b>	<b>4.68%</b>	<b>4.68%</b>

\* In FY 08 \$9,401,000 in actual bonds were sold. However, they are not considered a source of funding for this chart.

Uses of Funding						
Utilities Administration	\$1,301,875	\$1,925,640	\$1,874,270	\$1,422,390	-26.13%	-24.11%
Board of Education Facilities	170,478	206,980	203,965	200,200	-3.28%	-1.85%
Freedom Area Sewer	2,808,821	3,062,710	3,038,860	3,128,990	2.16%	2.97%
Freedom Area Water	2,508,209	2,780,310	2,800,455	3,654,710	31.45%	30.50%
Hampstead Area Sewer	1,083,812	1,063,900	1,060,255	1,146,660	7.78%	8.15%
Other Water and Sewer	216,129	219,110	217,950	230,520	5.21%	5.77%
Capital Projects	1,967,221	1,839,300	1,839,300	1,834,400	-0.27%	-0.27%
<b>Total Uses of Funding</b>	<b>\$10,056,545</b>	<b>\$11,097,950</b>	<b>\$11,035,055</b>	<b>\$11,617,870</b>	<b>4.68%</b>	<b>5.28%</b>

The Carroll County Bureau of Utilities provides water and sewer services to various areas within the County. The principal operating revenues are charges to customers for sales and services. The Utilities Fund also recognizes as operating revenue the portion of hookup fees and lateral fees intended to recover the cost of connecting new customers to the system. Sources of Funding are described below:

**Water/Sewer Usage Fees** – Fees charged to commercial and residential customers consisting of a minimum or “ready to serve charge” for each size meter and a charge based on the actual gallons used.

**Interest Income** – Interest earned on cash investments made from the utilities enterprise fund. The department of the Comptroller invests the cash according to the Carroll County Government investment policy. The 75.00% decrease in interest income is due to falling interest rates and reductions in cash balances for payments made on capital projects.

**Rents** – Rents are received for cell towers placed on water tanks owned by the utilities enterprise fund.

**Transfer from the General Fund** – A transfer from the general fund is provided to offset general fund obligations passed on to the utilities enterprise fund. This includes the cost to operate and maintain facilities serving Carroll County Public Schools.

**Lateral/Meter Service** – Fees charged to hook up to sewer (lateral) and water (meter) lines.

**MES Reimbursement** – Revenue received from the Maryland Environmental Service (MES) based on sewage flows generated from State of Maryland owned properties and treated at utilities enterprise fund facilities.

**Area Connection Charges (ACC)** – A one-time fee levied when a new water/sewer line is made available to a property within the designated public utility service area. The proceeds are used to fund new capital projects, system wide upgrades, or debt service for growth related projects. The 89.35% decrease in area connection charges is primarily due to the instability of the housing market.

**Maintenance Fees** – A fee based on the front footage of each assessed property, the proceeds of which cover the capital project costs of replacing components of the water/sewer system.

**Bonds** - Bonds are used as another source of funding.

# Utilities Operating Summary

Function	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
BOU Administration	\$1,477,872	\$1,925,640	\$1,874,270	\$1,422,390	-26.13%	-24.11%
Board of Education Facilities	172,978	206,980	203,965	200,200	-3.28%	-1.85%
Freedom Sewer	2,801,682	3,062,710	3,038,860	3,128,990	2.16%	2.97%
Freedom Water	2,464,978	2,780,310	2,800,455	3,654,710	31.45%	30.50%
Hampstead Sewer	1,068,215	1,063,900	1,060,255	1,146,660	7.78%	8.15%
Other Water and Sewer	218,630	219,110	217,950	230,520	5.21%	5.77%
<b>Total Bureau of Utilities</b>	<b>\$8,204,355</b>	<b>\$9,258,650</b>	<b>\$9,195,755</b>	<b>\$9,783,470</b>	<b>5.67%</b>	<b>6.39%</b>

## Mission and Goals

The Utilities mission is to keep all water and sewer systems at peak performance, without interruptions in service, while protecting the environment.

### Goals include:

- Protect the environment while continuing to comply with State and Federal regulations.
- Monitor areas of growth to be proactive in determining future needs for facilities.

## Budget Changes

- The difference between the FY 09 Original Budgets and the FY 09 Adjusted Budgets is primarily due to employee turnover and salary adjustments.
- The decrease in BOU Administration in FY 10 is primarily due to a decrease in the contingency along with an increase in debt service.
- The increase in Freedom Water in FY 10 is primarily due to the operating impacts of the new Water Treatment Plant, and the purchase of two replacement vehicles.
- The increase in Hampstead Sewer in FY 10 is primarily due to increases in electricity, emergency services, and sludge removal.
- Due to an accounting standards change, the Bureau of Utilities is recognizing the future liability of Other Post Employment Benefits (OPEB) in FY 10.

## Highlights, Changes and Useful Information

- In the General Fund, fringe benefit costs are centralized in one budget, which is located in the Human Resources section of General Government. Since Enterprise Funds are self-supporting services provided by the County, fringe costs are included in the personnel section of the individual budgets where applicable.
- There are five County operated wastewater treatment systems. The Freedom Sewer System serves 6,506 sewer customers. The plant is owned by Carroll County and operated by Maryland Environmental Services. The system has one hundred five miles of collection lines and eleven pumping stations. The Hampstead Sewer System serves 2,249 customers. The system includes Hampstead Wastewater Treatment Plant, twenty-eight miles of collection lines, and six pumping stations. Other sewer systems include South Carroll Wastewater Treatment Plant, Runnymede Wastewater Treatment Plant, Francis Scott Key High School Pumping Station, and Pleasant Valley Community Sewer.
- There are four water treatment facilities operated by the County. The Bark Hill Community Water System is a groundwater system that includes a 100,000 gallon water tank and serves sixty customers. Bramble Hills is a groundwater system that serves twelve customers. The Pleasant Valley Community Water System is a groundwater system that serves fifty-four customers. The Freedom Water System includes a water treatment plant to treat water that is drawn from Liberty Reservoir, 120 miles of water distribution lines and five water tanks that serve 8,113 water customers.
- Construction of a new Freedom Water Treatment Plant is underway with an estimated completion date of April 2009. When complete, the new plant could provide an additional 4.0 million gallons of water a day.

# Bureau of Utilities Administration

Description	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
Personnel	\$565,317	\$659,971	\$608,601	\$643,240	-2.54%	5.69%
Operating	910,355	300,235	300,235	500,090	66.57%	66.57%
Capital Outlay	2,199	0	0	0	0.00%	0.00%
Depreciation	0	0	0	0	0.00%	0.00%
Contingency	\$0	\$965,434	\$965,434	\$279,060	-71.09%	-71.09%
<b>Total</b>	<b>\$1,477,872</b>	<b>\$1,925,640</b>	<b>\$1,874,270</b>	<b>\$1,422,390</b>	<b>-26.13%</b>	<b>-24.11%</b>
Employees FTE	8.10	8.10	8.10	8.10	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. On-going mid-year changes have been annualized for comparison purposes.

## Contact

**J. Michael Evans, Director, Department of Public Works  
(410) 386-2035**

**Larry R. Brown, Senior Budget Analyst (410) 386-2082**

## Mission

To keep all facilities including water booster stations, sewer pumping stations, water and wastewater treatment plants, distribution lines, and collection systems at peak performance with no interruptions in service.

### Goals include:

- Maintain all equipment to keep facilities operational at all times.
- Continue to protect the environment while complying with all State and Federal regulations.
- Initiate procedures to reduce overall expenses.

## Description

The funds in this budget support the administration and accounting of water and wastewater facilities including:

- Eleven sewer pumping stations and one hundred five miles of collection lines in the Freedom District
- Six sewer pumping stations and twenty-eight miles of collection lines in the Hampstead area
- Five wastewater treatment plants
- Water booster pumping stations and 120 miles of water distribution lines
- Seven water tanks
- Four groundwater facility
- Four water treatment facilities

Total number of users:

2005	2006	2007	2008
10,362	10,402	10,487	10,509

## Budget Changes

- There are no salary increases in FY 10, however, due to a change in accounting standards, the BOU is recognizing the future liability of other post employment benefits (OPEB) in FY 10.
- The 66.57% increase in operating is due to an increase in debt service related to the new Water Treatment Plant.
- The 71.09% decrease in contingency in FY 10 is due to a reduction in Estimated Revenues from FY 09 (generally, the contingency is estimated revenues less appropriations).

## Positions

The organizational structure for the administration of the Bureau of Utilities is split between two County departments. The Comptroller oversees the accounting function and the following employees:

Title	Type	FTE
<i>Accounting Associate</i>	Full-time	0.50
<i>Accounting Supervisor</i>	Full-time	0.50
<i>Accounting Technician</i>	Full-time	1.00
<b>Total</b>		<b>2.00</b>

50% of the Accounting Associate and Accounting Supervisor's positions are charged to the Solid Waste Enterprise Fund.

The Director of Public Works oversees the remainder of the administrative function and the following employees:

Title	Type	FTE
<i>Admin Office Associate</i>	Full-time	1.00
<i>Bureau Chief</i>	Full-time	1.00
<i>Deputy Dir. of Public Works</i>	Full-time	0.45
<i>Financial Manager</i>	Full-time	0.40
<i>Office Associates</i>	Full-time	2.00
<i>Water and Sewer Engineer</i>	Full-time	1.00
<i>Water/Sewer Engineer/Inspector</i>	Full-time	0.25
<b>Total</b>		<b>6.10</b>

10% of the Deputy Director's and 20% of the Financial Manager's salaries are charged to the General Fund. 45% of the Deputy Director's and 40% of the Financial Manager's salaries are charged to Solid Waste Enterprise Fund. 75% of Water & Sewer Engineer/Inspector's salary is charged to Capital.

# Board of Education Facilities

Description	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
Personnel	\$104,081	\$108,310	\$105,295	\$114,422	5.64%	8.67%
Operating	39,863	50,104	50,104	56,254	12.27%	12.27%
Capital Outlay	6,067	25,600	25,600	8,400	-67.19%	-67.19%
Depreciation	22,966	22,966	22,966	21,124	-8.02%	-8.02%
<b>Total</b>	<b>\$172,978</b>	<b>\$206,980</b>	<b>\$203,965</b>	<b>\$200,200</b>	<b>-3.28%</b>	<b>-1.85%</b>
Employees FTE	1.59	1.59	1.59	1.59	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. On-going mid-year changes have been annualized for comparison purposes.

## Contact

**J. Michael Evans, Director, Department of Public Works  
(410) 386-2035**

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## Mission

To operate and maintain the wastewater treatment plants for the Board of Education Facilities and to meet the needs of the schools served.

## Description

Funds in this budget are used to operate and maintain the following facilities serving schools:

- South Carroll Wastewater Treatment Plant
- Winfield Sewer Pumping Station
- Runnymede Wastewater Treatment Plant
- Barkhill Water System
- Francis Scott Key Pumping Station

## Budget Changes

- There are no salary increases in FY 10.
- The 8.67% increase in personnel in FY 10 is primarily due to an accounting standards change where the BOU is recognizing the future liability of other post employment benefits (OPEB) in FY 10.
- The 12.27% increase in operating in FY 10 is primarily due to expenses related to the Francis Scott Key pumping station including sewer charges from Union Bridge.
- The 67.19% decrease in capital outlay in FY 10 is primarily due to a one-time purchase of a cargo van in FY 09.

## Positions

<i>Title</i>	<i>Type</i>	<i>FTE</i>
<i>Laboratory Technician</i>	Full-time	0.25
<i>Maintenance Mechanic II</i>	Full-time	0.67
<i>WWTP Assistant Superintendent</i>	Full-time	0.67
<b>Total</b>		<b>1.59</b>

50% of the Laboratory Technician position is charged to Hampstead Sewer and 25% is charged to Other Water/Sewer projects. 33% of the Maintenance Mechanic II and the Plant Superintendent are charged to Other Water/Sewer projects.

# Freedom Sewer

Description	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
Personnel	\$350,021	\$420,425	\$396,575	\$446,914	6.30%	12.69%
Operating	1,638,565	1,853,695	1,853,695	1,852,315	-0.07%	-0.07%
Capital Outlay	54,405	39,800	39,800	68,910	73.14%	73.14%
Depreciation	758,691	748,790	748,790	760,851	1.61%	1.61%
<b>Total</b>	<b>\$2,801,682</b>	<b>\$3,062,710</b>	<b>\$3,038,860</b>	<b>\$3,128,990</b>	<b>2.16%</b>	<b>2.97%</b>
Employees FTE	6.50	7.50	7.50	7.50	-----	-----

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## Contact

J. Michael Evans, Director, Department of Public Works  
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Larry R. Brown, Senior Budget Analyst (410) 386-2082

## Mission

To maintain and operate the Freedom Sewer system at peak performance, with no interruptions in service, while protecting the environment.

## Description

The Freedom Sewer system consists of:

- One hundred five miles of collection lines
- Eleven pumping stations
- A wastewater treatment plant

The service area covers a population of approximately 22,000 citizens providing sewer services to 6,506 customers.

The wastewater treatment plant can process 3.5 million gallons per day. The County generates 82% of the flows and the State generates 18%. The County owns the facility and contracts with Maryland Environmental Services (MES) to operate the plant.

## Budget Changes

- There are no salary increases in FY 10.
- The 12.69% increase in FY 10 in personnel is due to budgeting a full year for a Maintenance Mechanic II position (budgeted for six months in FY 09), and due to an accounting standards change the BOU is recognizing the future liability of other post employment benefits (OPEB) in FY 10.
- The 73.14% increase in capital in FY 10 is primarily due to one-time purchases of replacement pumps and alarm systems.

## Positions

Title	Type	FTE
<i>Collection Superintendent</i>	Full-time	1.00
<i>Equipment Operator</i>	Full-time	1.00
<i>Maintenance Mechanic I</i>	Full-time	3.00
<i>Maintenance Mechanic II</i>	Full-time	2.00
<i>Utilities Operations Superintendent</i>	Full-time	0.50
<b>Total</b>		<b>7.50</b>

50% of Utilities Operations Superintendent charged to Freedom Water.

# Freedom Water

Description	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
Personnel	\$843,710	\$975,094	\$995,239	\$1,075,580	10.31%	8.07%
Operating	1,086,989	1,326,175	1,326,175	1,462,340	10.27%	10.27%
Capital Outlay	79,911	29,093	29,093	64,070	120.22%	120.22%
Depreciation	454,369	449,948	449,948	1,052,720	133.96%	133.96%
<b>Total</b>	<b>\$2,464,978</b>	<b>\$2,780,310</b>	<b>\$2,800,455</b>	<b>\$3,654,710</b>	<b>31.45%</b>	<b>30.50%</b>
Employees FTE	14.50	16.50	16.50	16.50	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. On-going mid-year changes have been annualized for comparison purposes.

## Contact

**J. Michael Evans, Director, Department of Public Works  
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## Mission

To provide the customers of the Freedom District with a potable water supply that meets or exceeds State standards.

## Description

The Freedom area water system includes:

- 120 miles of water distribution lines
- One pumping station
- Five water tanks
- Two ground wells

The service area covers a population of approximately 22,000 citizens providing water services to 8,103 customers.

The water treatment plant was built in 1969 and has been expanded and upgraded numerous times. All water treated is purchased from Baltimore City and is taken from Liberty Reservoir.

The one pumping station is located at Martz Road and is needed to move the water through the distribution lines in areas where the force of gravity is not sufficient to do so.

The five water tanks are located at:

- Bartholow Road
- Martz Road
- Linton Road
- Liberty High School
- Kabik Court

The total holding capacity of the tanks is greater than 3.5 million gallons. The tanks are necessary to maintain the pressure in the system during times of heavy usage and for fire suppression efforts. The new Freedom Water Treatment Plant is currently under construction. The estimated completion date is April 2009 and when complete could provide an additional 4.0 million gallons of water a day.

## Budget Changes

- There are no salary increases in FY 10.
- The difference between the FY 09 Original Budget and FY 09 Adjusted Budget is primarily due to salary adjustments.
- The 8.07% increase in personnel in FY 10 is due to an accounting standards change where the BOU is recognizing the future liability of other post employment benefits (OPEB) in FY 10.
- The 10.27% increase in operating in FY 10 is primarily due to increases in operating impacts for the new Water Treatment Plant.
- The 120.22% increase in capital outlay in FY 10 is primarily due to a one-time replacement of two vehicles.
- The 133.96% increase in depreciation is due to the completion of the new Water Treatment Plant in April 2009.

## Positions

Title	Type	FTE
<i>Apprentice Operator I</i>	Full-time	1.00
<i>Apprentice Operator II</i>	Full-time	2.00
<i>Distributions Superintendent</i>	Full-time	1.00
<i>Maintenance Mechanic I</i>	Full-time	1.00
<i>Maintenance Mechanic II</i>	Full-time	1.00
<i>Maintenance Mechanic III</i>	Full-time	1.00
<i>Maintenance Workers</i>	Full-time	2.00
<i>Plant Assistant Superintendent</i>	Full-time	2.00
<i>Treatment Plant Operator</i>	Full-time	4.00
<i>Treatment Plant Superintendent</i>	Full-time	1.00
<i>Utilities Operations Superintendent</i>	Full-time	0.50
<b>Total</b>		<b>16.50</b>

50% of Utilities Operations Superintendent charged to Freedom Sewer.

# Hampstead Sewer

Description	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
Personnel	\$314,757	\$311,694	\$308,049	\$309,822	-0.60%	0.58%
Operating	492,024	471,335	471,335	528,460	12.12%	12.12%
Capital Outlay	47,743	68,113	68,113	69,690	2.32%	2.32%
Depreciation	213,691	212,758	212,758	238,688	12.19%	12.19%
<b>Total</b>	<b>\$1,068,215</b>	<b>\$1,063,900</b>	<b>\$1,060,255</b>	<b>\$1,146,660</b>	<b>7.78%</b>	<b>8.15%</b>
Employees FTE	4.50	4.50	4.50	4.50	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. On-going mid-year changes have been annualized for comparison purposes.

## Contact

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Larry R. Brown, Senior Budget Analyst (410) 386-2082

## Mission and Goals

To maintain and operate the Hampstead sewer system at peak performance, with no interruptions in service, while protecting the environment.

## Description

The Hampstead sewer system serves approximately 2,249 customers and consists of:

- Thirty-five miles of collection lines
- Six pumping stations
- A wastewater treatment plant

The six pumping stations include:

- #8 North
- #9 Small Crossings
- #11 Shiloh
- #14 Robert's Field
- #20 North Carroll Farms
- #19 Eagle Ridge

The pumping stations are needed to move the wastewater through the collection lines in areas where the force of gravity is not sufficient to do so.

## Budget Changes

- There are no salary increases in FY 10, however, due to an accounting standards change, the BOU is recognizing the future liability of other post employment benefits (OPEB) in FY 10.
- The 12.12% increase in operating in FY 10 is primarily due to increases in electric, chemicals, and emergency services.

## Positions

title	Type	FTE
Laboratory Technician	Full-time	0.50
Maintenance Mechanic III	Full-time	1.00
Plant Assistant Superintendent	Full-time	1.00
Treatment Plant Operator	Full-time	1.00
Treatment Plant Superintendent	Full-time	1.00
<b>Total</b>		<b>4.50</b>

25% of the Laboratory Technician position is charged to the Board of Education Facilities and 25% is charged to Other Water/Sewer projects.

# Other Water/Sewer

Description	Actual FY 08	Original Budget FY 09	Adjusted Budget FY 09	Budget FY 10	% Change From Orig. FY 09	% Change From Adj. FY 09
Personnel	\$57,071	\$63,169	\$62,009	\$61,695	-2.33%	-0.51%
Operating	69,299	72,762	72,762	56,062	-22.95%	-22.95%
Capital Outlay	7,889	2,025	2,025	28,100	1287.65%	1287.65%
Depreciation	84,371	81,154	81,154	84,663	4.32%	4.32%
<b>Total</b>	<b>\$218,630</b>	<b>\$219,110</b>	<b>\$217,950</b>	<b>\$230,520</b>	<b>5.21%</b>	<b>5.77%</b>
Employees FTE	0.91	0.91	0.91	0.91	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. On-going mid-year changes have been annualized for comparison purposes.

## Contact

J. Michael Evans, Director, Department of Public Works  
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Larry R. Brown, Senior Budget Analyst (410) 386-2082

## Mission and Goals

To maintain and operate the small sewer/water systems at peak performance, without interruptions in service, while protecting the environment.

## Description

The funds in this budget support the following systems:

- Bark Hill Water
- Bramble Hills Water
- Pleasant Valley Water
- Pleasant Valley Sewer

Bark Hill serves approximately sixty-two customers using two wells, a treatment plant, a 100,000 gallon water tank, and distribution lines.

Pleasant Valley water and sewer systems serve fifty-five customers. The wastewater is gravity fed into the wastewater treatment plant and the water system includes one well and a 50,000 gallon water tank.

In May 2004, the Circuit Court ordered the County to take over operations of the Bramble Hills Water supply. This system supplies water to twelve residences. Prior to the County taking over responsibility for this system, the property owner had maintained and operated the system.

## Budget Changes

- There are no salary increases in FY 10.
- The 22.95% decrease in operating in FY 10 is primarily due to sludge removal (backwash water now flows directly from Francis Scott Key pumping Station to Union Bridge).
- The increase in capital in FY 10 is primarily due to one-time purchases of pumps and HVAC equipment for Barkhill and Pleasant Valley.

## Positions

Title	Type	FTE
Laboratory Technician	Full-time	0.25
Maintenance Mechanic II	Full-time	0.33
Plant Superintendent	Full-time	0.33
<b>Total</b>		<b>0.91</b>

50% of the Laboratory Technician position is charged to Hampstead Sewer and 25% is charged to Board of Education Facilities. 67% of the Maintenance Mechanic's II and the Plant Superintendent's salaries are charged to Board of Education Facilities.

**COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2010 TO 2015**

**Adopted**

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2010	2011	2012	2013	2014	2015			
<b>UTILITIES ENTERPRISE:</b>									
Carroll Highlands Pumping Station Renovation	\$55,000	\$110,000	\$0	\$0	\$0	\$0	\$236,280	\$0	\$401,280
Freedom District Hydrant Replacement	100,800	105,800	111,100	116,700	122,500	128,600	0	0	685,500
Freedom District Hydraulic Looping-Brangles Roac	0	0	0	537,000	0	0	0	0	537,000
Freedom District-Relief Sewer No. 2	110,700	1,200,500	0	0	0	0	0	0	1,311,200
Freedom Wastewater Treatment Plant Enhanced Nutrient Removal	750,000	4,625,000	4,625,000	0	0	0	0	0	10,000,000
Freedom Water Service Area Hydraulic Analysis	150,000	0	0	0	0	0	0	0	150,000
Freedom/Hampstead-Water Meters	157,500	165,400	173,600	182,300	191,400	201,000	0	0	1,071,200
Gravity Sewer Main-Houcksville Rd to Treatment Plant	0	0	0	0	135,000	0	0	1,073,000	1,208,000
Hampstead Bio-Solids Storage and Enhancement Facility	0	0	60,000	343,000	0	0	956,239	0	1,359,239
Hampstead Facility Paving	0	0	0	323,400	0	0	0	0	323,400
Hampstead Grit Removal System	0	0	0	0	49,000	0	0	324,500	373,500
Meter Vault Replacement	42,000	44,100	46,300	48,600	51,000	53,500	0	0	285,500
North Carroll Farms Pump Station Rehabilitation	0	0	0	0	410,000	0	0	0	410,000
North Pump Station Wet Well & Pump Rehabilitation	0	0	0	0	910,000	0	0	0	910,000
North Station-Replace Force & Gravity Sewer Mains	26,900	497,400	0	0	0	0	258,025	0	782,325
Sanitary Sewer Main Lining	237,000	248,000	260,000	274,000	287,000	301,000	0	0	1,607,000
Sanitary Sewer Manhole Rehabilitation	157,500	165,400	173,600	182,300	191,400	201,000	0	0	1,071,200
Sanitary Sewer Studies	0	0	90,000	0	0	0	275,000	0	365,000
Shiloh Pumping Station Entrance Road	0	0	0	0	0	25,000	0	86,000	111,000
Snowdens Creek Rd Sewer Main Replacement	0	0	0	0	0	385,000	0	0	385,000
Sykesville Interceptor-Upgrade/Repair Sewer Main	0	0	78,800	0	647,000	0	0	0	725,800
Tank Painting	47,000	47,000	47,000	47,000	47,000	47,000	0	0	282,000
Water Main Blow-off Replacements	0	0	0	0	125,000	125,000	0	0	250,000
West Hampstead Collector Sewer Main Upgrade/ Repair	0	0	0	0	90,000	0	0	799,000	889,000
<b>UTILITIES ENTERPRISE TOTAL</b>	<b>\$1,834,400</b>	<b>\$7,208,600</b>	<b>\$5,665,400</b>	<b>\$2,054,300</b>	<b>\$3,256,300</b>	<b>\$1,467,100</b>	<b>\$1,725,544</b>	<b>\$2,282,500</b>	<b>\$25,494,144</b>

**SOURCES OF FUNDING:**

Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$1,027,044	\$0	\$1,027,044
Enterprise Fund - Utilities	1,576,650	2,316,900	2,393,929	1,517,300	3,256,300	1,467,100	134,695	2,282,500	14,945,374
Maintenance Fee	223,000	1,953,636	1,771,471	0	0	0	68,590	0	4,016,697
Area Connection Charges	34,750	2,938,064	1,500,000	31,500	0	0	495,215	0	4,999,529
Developer Funded	0	0	0	505,500	0	0	0	0	505,500
<b>UTILITIES ENTERPRISE TOTAL</b>	<b>\$1,834,400</b>	<b>\$7,208,600</b>	<b>\$5,665,400</b>	<b>\$2,054,300</b>	<b>\$3,256,300</b>	<b>\$1,467,100</b>	<b>\$1,725,544</b>	<b>\$2,282,500</b>	<b>\$25,494,144</b>



# Freedom District Hydrant Replacement

Freedom Water

6359

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides on-going funding to replace the County's 600 hydrants. Some of these hydrants have surpassed the estimated useful life of thirty years. The annual allocation for this project funds the replacement of approximately thirty hydrants. The following list identifies the sites planned for FY 10.

- 1 hydrant Georgetown Blvd
- 2 hydrants Londontowne Blvd
- 4 hydrants Hemlock Drive
- 2 hydrants Bonnie Brae Drive
- 1 hydrant Glasgow Circle
- 1 hydrant MacBeth Way
- 1 hydrant Autumn View Ct.
- 1 hydrant Country Fair Lane
- 2 hydrant Caren Drive
- 1 hydrant Crossway Court
- 1 hydrant Dale Drive
- 1 hydrant Courtland
- 2 hydrants Miriam Drive
- 1 hydrant Victor Drive
- 2 hydrants Johnsville Road
- 1 hydrant Johnsville Road
- 1 hydrant Bartholow Road
- 1 hydrant Gibbons Road

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
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Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	100,800	105,800	111,100	116,700	122,500	128,600			685,500
Other									0

**EXPENDITURES**

<b>TOTAL</b>	<b>100,800</b>	<b>105,800</b>	<b>111,100</b>	<b>116,700</b>	<b>122,500</b>	<b>128,600</b>	<b>0</b>	<b>0</b>	<b>685,500</b>
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**SOURCES OF FUNDS**

Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities	100,800	105,800	111,100	116,700	122,500	128,600			685,500
Maintenance Fee									0
Area Connection Charges									0

<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			0
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# Freedom District Hydraulic Looping-Brangles Road

Freedom Water

6417

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides funding to connect water mains along Brangles Road in the Freedom area to provide adequate looping in the Freedom water system. Looping mains connects dead ends in two water lines. By connecting these lines water flows more evenly throughout the system and maintains a constant water pressure.

Projected operating impacts include: maintenance costs.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				67,000					67,000
Land Acquisition									0
Site Work									0
Construction				427,000					427,000
Equipment/Furnishings									0
Other				43,000					43,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>537,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>537,000</b>
<b>SOURCES OF FUNDS</b>									
Bonds									0
Enterprise Fund - Utilities									0
Maintenance Fee									0
Area Connection Charges				31,500					31,500
Developer Funded				505,500					505,500
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,950</b>	<b>4,150</b>			

# Freedom District-Relief Sewer No. 2

Freedom Sewer

6374

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides planned funding to add a relief sewer by increasing the existing ten inch main to a fifteen inch main for 6,750-feet from Johnsville Road at Bartholow Road, south through Parrish Park at Piney Ridge Parkway. The project continues south to ultimately connect to an existing 12-inch sewer main that parallels MD 32. Enlarging the main would allow for increased flows resulting from future development and/or major storm events.

Projected operating impacts include: maintenance costs

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	110,700	40,000							<b>150,700</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction		1,055,500							<b>1,055,500</b>
Equipment/Furnishings									<b>0</b>
Other		105,000							<b>105,000</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>110,700</b>	<b>1,200,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,311,200</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Bonds									<b>0</b>
Enterprise Fund - Utilities									<b>0</b>
Maintenance Fee	110,700	73,468							<b>184,168</b>
Area Connection Charges		1,127,032							<b>1,127,032</b>
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>9,000</b>	<b>9,450</b>	<b>9,900</b>	<b>10,400</b>			



# Freedom Water Service Area Hydraulic Analysis

Freedom District

6420

Larry R. Brown, Senior Budget Analyst (410) 386-2082

The purpose of this study is to evaluate the water distribution network in the Freedom Water Service Area. The last analysis was done in 1993. This study will update the hydraulic model by adding the new water mains and the upgraded Freedom Water Treatment Plant to the model, and calibrating the computer model. The study results will identify existing water system deficiencies, evaluate and prioritize solutions.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	150,000								150,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities	150,000								150,000
Maintenance Fee									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>

# Freedom/Hampstead-Water Meters

Larry R. Brown, Senior Budget Analyst (410) 386-2082

6311

This on-going project provides funding for the enhancement and replacement of approximately 9,000 existing meters on an average sixteen year life cycle. The enhancements will include software and hardware equipment that will enable staff to collect meter readings while driving by homes. The following priority list addresses the oldest meters first.

- 340 meters (Hilltop, Melstone Valley, Flanders and Carpenters Mount subdivisions)
- 302 meters (Clipper Hill and Brimfield subdivisions)
- 170 meters (Oakland Mills area)
- 128 meters (Oakland Road area)
- 160 meters (Mineral Hill Road area)

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	157,500	165,400	173,600	182,300	191,400	201,000			1,071,200
Other									0
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>157,500</b>	<b>165,400</b>	<b>173,600</b>	<b>182,300</b>	<b>191,400</b>	<b>201,000</b>	<b>0</b>	<b>0</b>	<b>1,071,200</b>

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities	78,900	82,900	152,129	182,300	191,400	201,000			888,629
Maintenance Fee	78,600	82,500	21,471						182,571
Area Connection Charges									0

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

# Gravity Sewer Main-Houcksville Rd to Treatment Plant

Hampstead Sewer

Proj. #

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides planned funding to replace the existing 10-inch gravity sewer main that receives flows from an existing 10-inch force main near Houcksville Road and many house connections through the Roberts Fields subdivision. The gravity main carries flows to the Hampstead treatment plant. At least 50 percent of the main will need to be replaced with a larger sewer main or parallel sewer main. An alternative route along MD 88 and through off-site property will also be evaluated. This project will be coordinated with the Hampstead Grit Removal system.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					100,000				100,000
Land Acquisition					35,000				35,000
Site Work									0
Construction								975,000	975,000
Equipment/Furnishings									0
Other								98,000	98,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>135,000</b>	<b>0</b>	<b>0</b>	<b>1,073,000</b>	<b>1,208,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities					135,000			1,073,000	1,208,000
Maintenance Fee									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>

# Hampstead Bio-Solids Storage and Enhancement Facility

Hampstead WWTP

6404

Larry R. Brown, Senior Budget Analyst (410) 386-2082

The first phase of this project, formerly titled the Hampstead Sludge Dewatering Equipment Replacement, provided funding for replacement of the sludge dewatering press. This phase is complete.

Phase II of the Sludge Dewatering Facility project consists of evaluating and upgrading the existing sludge storage area in the green houses. The project title is modified to reflect the project scope. Currently, the dewatered sludge is deposited in the County landfill. Several alternatives are available to further process sludge to meet Class-B or Class-A biosolids regulations within the existing green houses. Upgrading the green houses to provide a proper storage area will create opportunities to handle sludge without landfilling the material. This could save up to \$50,000 annually in sludge removal.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			60,000				137,900		197,900
Land Acquisition									0
Site Work									0
Construction				312,000			399,100		711,100
Equipment/Furnishings							329,239		329,239
Other				31,000			90,000		121,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>343,000</b>	<b>0</b>	<b>0</b>	<b>956,239</b>	<b>0</b>	<b>1,359,239</b>

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds							877,044		877,044
Enterprise Fund - Utilities			60,000	343,000			79,195		482,195
Maintenance Fee									0
Area Connection Charges									0

<b>PROJECTED OPERATING IMPACTS</b>	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15
	0	0	0	0	0	0

# Hampstead Facility Paving

Hampstead WWTP

Proj #

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides planned funding for repairing and paving the existing paved surfaces at the Hampstead Treatment Facility. Several major renovation projects have been completed and others are planned for this facility. Once these improvements are completed, this work will restore the paved surfaces.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction				294,000					294,000
Equipment/Furnishings									0
Other				29,400					29,400
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323,400</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities				323,400					323,400
Maintenance Fee									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>



# Meter Vault Replacement

Freedom Water

6414

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides funding for the replacement of approximately 1,000 water meter vaults in the Freedom area that were installed in the late 1970s. The new vaults are made of PVC and will replace the old vaults made of bituminous coated cardboard, which are deteriorating.

Replacement areas:

Piney Ridge Village Sections 1 and 2 - 92 vaults

Oklahoma Estates - 201 vaults

Hilltop Estates - 71 vaults

Clipper Hill Estates - 145 vaults

Carrolltowne Estates - 185 vaults

Westchester Estates - 48 vaults

Carroll Dale - 26 vaults

Lexington Run Estates - 124 vaults

Hodges Road - 37 vaults

Norris Avenue - 92 vaults

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	42,000	44,100	46,300	48,600	51,000	53,500			285,500
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>42,000</b>	<b>44,100</b>	<b>46,300</b>	<b>48,600</b>	<b>51,000</b>	<b>53,500</b>	<b>0</b>	<b>0</b>	<b>285,500</b>

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities	42,000	44,100	46,300	48,600	51,000	53,500			285,500
Maintenance Fee									0
Area Connection Charges									0

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



# North Pump Station Wet Well & Pump Rehabilitation

Hampstead Sewer

Proj. #

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides planned funding to renovate the North Pumping Station with new pumps, upgrade the outdated controls, and increase the wet well size to decrease the number of times the pumps start and stop. Increasing the wet well capacity will reduce pump wear and electrical operating costs.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings					910,000				910,000
Other									0

## EXPENDITURES

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>910,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>910,000</b>
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## SOURCES OF FUNDS

Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities					910,000				910,000
Maintenance Fee									0
Area Connection Charges									0

## PROJECTED OPERATING IMPACTS

	0	0	0	0	0	0
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# North Station-Replace Force & Gravity Sewer Mains

Hampstead Sewer

6398

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides funding for a replacement force main (built in 1970) and construction of a new gravity main to meet existing demand and allow for future development near the North Station facility located near the intersection of Maryland Routes 30 and 482. This project replaces the existing six-inch force main installed in 1969 with a new eight-inch force main. The new gravity main will be designed to meet the existing main near Panther Drive.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		25,000					111,000		136,000
Land Acquisition	26,900								26,900
Site Work									0
Construction		429,400					147,025		576,425
Equipment/Furnishings									0
Other		43,000							43,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>26,900</b>	<b>497,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>258,025</b>	<b>0</b>	<b>782,325</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities	13,450	248,700					55,500		317,650
Maintenance Fee									0
Area Connection Charges	13,450	248,700					202,525		464,675
<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>1,650</b>	<b>1,730</b>	<b>1,820</b>	<b>1,910</b>			





# Sanitary Sewer Studies

Freedom/Hampstead Sewer

6385

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides planned funding for a study of the Freedom and Hampstead sewer collection systems. The study includes suggestions for improvements in technology as well as inspecting and assessing the condition of the sewer mains and laterals. Video camera inspection is utilized to inspect as much of the system that can be accessed. These inspections will help determine sections of sanitary lines with deficiencies. Spot inspections will take place in areas where video camera inspection is not feasible. Flow monitoring during the wet time of the year will provide information on any infiltration and inflow problems that may exist. This information can be used in modeling the system and pumping stations, as well as helping to determine needs for modifications to system capacity or efficiency.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			90,000				275,000		365,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0

**EXPENDITURES**

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>90,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275,000</b>	<b>0</b>	<b>365,000</b>
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**SOURCES OF FUNDS**

Transfer from General Fund									0
Bonds							150,000		150,000
Enterprise Fund - Utilities			90,000						90,000
Maintenance Fee									0
Area Connection Charges							125,000		125,000

**PROJECTED OPERATING IMPACTS**

	0	0	0	0	0	0
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# Tank Painting

## Freedom Water

6332

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides on-going funding to provide protective coatings to water storage tanks in the Freedom district. The Bartholow tank and Bark Hill tank have been painted in the past few years. Providing protective coatings provides clean, safe drinking water and extends the life of water tanks. The next tank scheduled for painting is the Martz Road tank. The following water tanks are planned for painting as funds become available:

Tank Site	Date Built
Martz Road	1989
Pleasant Valley	1991
Carroll Industrial Park	1993
Linton Springs	1998
Liberty	1999

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	10,000	10,000	10,000	10,000	10,000	10,000			60,000
Land Acquisition									0
Site Work	34,000	34,000	34,000	34,000	34,000	34,000			204,000
Construction									0
Equipment/Furnishings									0
Other	3,000	3,000	3,000	3,000	3,000	3,000			18,000
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>47,000</b>	<b>47,000</b>	<b>47,000</b>	<b>47,000</b>	<b>47,000</b>	<b>47,000</b>	<b>0</b>	<b>0</b>	<b>282,000</b>

<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities	47,000	47,000	47,000	47,000	47,000	47,000			282,000
Maintenance Fee									0
Area Connection Charges									0

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

# Water Main Blow-off Replacements

## Freedom Water

Proj. #

Larry R. Brown, Senior Budget Analyst (410) 386-2082

This project provides planned funding to replace the County's 280 end of water main blow-offs. Blow-off valves allow for the flushing of the water lines. Flushing the lines reduces the buildup of sediment and stagnant water. Some of these blow-offs have surpassed the estimated useful life of thirty years. The annual allocation for this project funds approximately twenty blow-off replacements a year. A more in-depth evaluation will determine a priority list of locations planned for FY 14.

	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction					125,000	125,000			250,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Bonds									0
Enterprise Fund - Utilities					125,000	125,000			250,000
Maintenance Fee									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>



**OPERATING IMPACTS - ENTERPRISE FUND  
COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2010 TO 2015**

	2010	2011	2012	2013	2014	2015
<b><u>Utilities</u></b>						
Freedom District Hydraulic Looping- Brangles Road Maintenance					\$3,950	\$4,150
Total Operating Impacts					\$3,950	\$4,150
Freedom District - Relief Sewer No. 2 Maintenance			\$9,000	\$9,450	\$9,900	\$10,400
Total Operating Impacts			\$9,000	\$9,450	\$9,900	\$10,400
North Station- Replace Force & Gravity Sewer Mains Maintenance			\$1,650	\$1,730	\$1,820	\$1,910
Total Operating Impacts			\$1,650	\$1,730	\$1,820	\$1,910
<b><u>UTILITIES TOTAL</u></b>			<b>\$19,650</b>	<b>\$20,630</b>	<b>\$29,520</b>	<b>\$31,010</b>