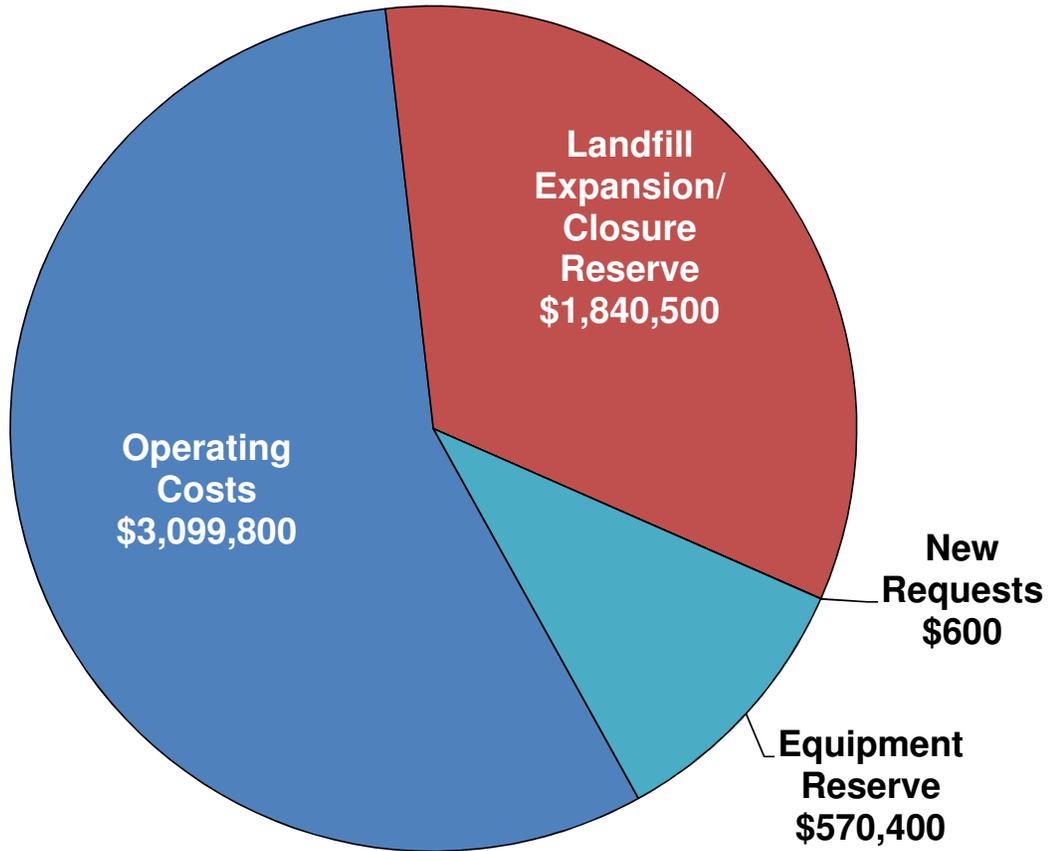


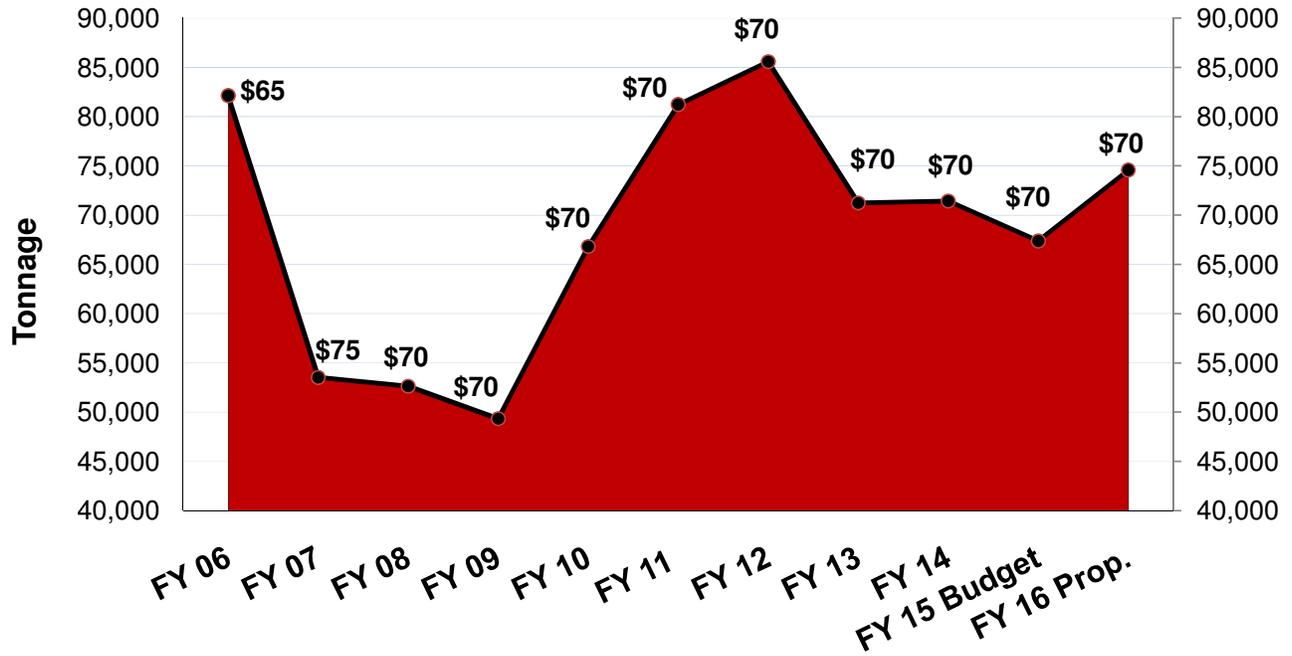
FISCAL YEAR 2016 Landfill Operations

Total Budget: \$5,511,300



	FY2015 Adopted	FY2016 Proposed	Variance	% Change
Revenues	\$5,060,800	\$5,511,300	\$450,500	8.9%
Expenditures	5,060,800	5,510,700	449,900	8.9%
Baseline Surplus/(Deficit)	\$0	\$600	\$600	
New Request		(\$600)	(\$600)	
Total Surplus / (Deficit)		\$0	\$0	
Fund Balance:				
Equipment Reserve	460,000	0	(\$460,000)	
Capital Outlay	(460,000)	0	460,000	
Surplus / (Deficit)	\$0	\$0	\$0	

Tipping Fee Trend



Tag-a-bag Fee



Per consultant study, the Tag-a-bag fee should be increased to \$2.10. A proposal to phase-in to full cost recovery is recommended.

LANDFILL FUND

	FY2015 Adopted	FY2016 Proposed	Variance	% Change
<u>Revenue</u>				
Tipping Fees @ \$70 per ton	\$4,759,900	\$5,255,900	\$496,000	10.4%
Tag-a-bag Fees @ \$2.00 per bag	295,500	250,000	(45,500)	-15.4%
Permits & Miscellaneous	5,400	5,400	0	0.0%
Total Baseline Revenues	\$5,060,800	\$5,511,300	\$450,500	8.9%

<u>Expenditures</u>				
Operating Costs	\$3,062,700	\$3,099,800	\$37,100	1.2%
Landfill Expansion/Closure Reserve	1,521,900	1,840,500	318,600	20.9%
Equipment Reserve	476,200	570,400	94,200	19.8%
Total Baseline Expenditures	\$5,060,800	\$5,510,700	\$449,900	8.9%
New Requests	0	600	600	
Total Expenditures	\$5,060,800	\$5,511,300	\$450,500	8.9%

Operating Surplus/(Deficit)	\$0	\$0	\$0	
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<u>Other Sources (Uses)</u>				
Fund Balance: Equipment Reserve	460,000	0	(460,000)	-100.0%
Capital Outlay	(460,000)	0	460,000	-100.0%
Total Other Uses	\$0	\$0	\$0	

Total Surplus/(Deficit)	\$0	\$0	\$0	
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New Requests for FY 2016:

Smartphone for Landfill Superintendent \$600

Solid Waste

Department: Public Works - Facilities 27.05.38
Division \ Program: Landfill Fund: Enterprise
Program Administrator: Dennis Fleming, Chief of Environmental Resources

<http://www.charlescountymd.gov/pw/landfill/landfill-operations>

Expenditure Category	FY2014 Actual	FY2015 Adopted	FY2016 Proposed	FY2016 Adopted	\$ Change from FY2015	% Chg.
Personal Services	\$1,546,778	\$1,593,400	\$1,603,200		\$9,800	0.6%
Fringe Benefits	494,402	547,900	555,300		7,400	1.4%
Operating Costs	876,963	909,100	922,600		13,500	1.5%
Debt Service	17,460	12,300	18,700		6,400	52.0%
Landfill Expansion/Closure	1,613,200	1,521,900	1,840,500		318,600	20.9%
Capital Outlay	0	460,000	0		(460,000)	-100.0%
Equipment Reserve	637,400	476,200	570,400		94,200	19.8%
Total Baseline	\$5,186,203	\$5,520,800	\$5,510,700	\$0	(\$10,100)	-0.2%
New Requests	0	0	600		600	NEW
Total Expenditures	\$5,186,203	\$5,520,800	\$5,511,300	\$0	(\$9,500)	-0.2%

Changes and Useful Information:

- The **Personal Services** increase provides additional Part Time funding based on current activity and includes a reallocation of personnel based on assigned duties.
- The **Fringe Benefits** increase is due to a worker's compensation cost increase.
The **Operating Costs** increase is due to the following reasons:
 - Based on activity, Vehicle Fuel is decreasing by (\$21,000) and Equipment Repairs and Maintenance is increasing by \$30,000.
 - Minor adjustments in other accounts netting an increase of \$4,500.
- The **Debt Service** budget includes funding for the 2014 Bond Issue.
- The **Landfill Expansion/Closure** budget funds the future development of the remaining space at the Landfill.
 - The increase for FY16 corresponds with the increase in tonnage expected at the Landfill.
- The **Capital Outlay** budget for FY2015 was to replace a 2005 Track Loader and was paid with the Equipment Reserve.
- The **Equipment Reserve** budget is used to replace future equipment.
 - a reserve balance of approximately \$1.6 million is estimated for 6/30/15.

Description:

The Charles County Sanitary Landfill is a modern composite lined landfill opened in July 1994. Located on Billingsley Road East, it features a citizen's recycling-disposal center, a vehicle/equipment maintenance facility, and leachate collection center. The Landfill was designed to accommodate 800 lbs. of refuse per cubic yard, with a 12 year, 8 month life. Due to the higher goal of a compaction rate of at least 1,200 lbs. per cubic yard, and the use of alternative daily cover material, the landfill is currently estimated to last until 2031.

Solid Waste

Department: Public Works - Facilities 27.05.38
Division \ Program: Landfill Fund: Enterprise
Program Administrator: Dennis Fleming, Chief of Environmental Resources

<http://www.charlescountymd.gov/pw/landfill/landfill-operations>

Positions:	FY12	FY13	FY14	FY15	FY15
Title	FTE	FTE	FTE	FTE	FTE
Director of Public Works	0.1	0.1	0.1	0.1	0.1
Assistant Dir of Public Works - Facilities	0.2	0.2	0.2	0.2	0.2
Chief of Environmental Resources	0.8	0.8	0.8	0.8	0.8
Financial Support Manager	0.1	0.1	0.1	0.1	0.2
Landfill Superintendent	1.0	1.0	1.0	1.0	1.0
Scalemaster	1.0	1.0	1.0	1.0	1.0
Landfill Operations Supervisor	1.0	1.0	1.0	1.0	1.0
Landfill Equipment Technician	2.0	2.0	2.0	2.0	2.0
Facilities Maintenance Technician II	1.0	1.0	1.0	1.0	1.0
Management Support Specialist	0.2	0.2	0.2	0.2	0.2
Administrative Associate	1.2	1.2	1.2	1.2	1.2
Assistant Weigh Clerk	1.0	1.0	1.0	1.0	1.0
Equipment Operator II - IV	7.0	7.0	7.0	8.0	8.0
Weigh Clerk	2.0	2.0	2.0	2.0	2.0
Facilities Maintenance Technician I	1.0	1.0	1.0	1.0	1.0
Solid Waste Worker	6.5	6.5	6.5	7.5	7.5
Part Time Positions	4.8	4.8	4.8	4.8	4.8
Total Full Time Equivalent	30.9	30.9	30.9	32.9	33.0

Objectives & Measurements:	FY12	FY13	FY14	FY15	FY16
	Actual	Actual	Actual	Projected	Estimated
<i>Objective: To monitor revenues to determine the life expectancy of the Landfill.</i>					
Residential Tonnage	31,830	31,074	33,726	35,000	35,700
Commercial Tonnage	31,968	13,678	11,958	11,200	11,500
Bulky Tonnage	<u>26,556</u>	<u>28,443</u>	<u>29,594</u>	<u>31,620</u>	<u>32,300</u>
Total Tons	90,354	73,195	75,277	77,820	79,500
Number of Patrons	102,338	92,803	87,824	94,000	94,000
<i>Objective: To maintain high compaction density and to continue the utilization of alternative daily cover material.</i>					
Compaction Rate (lbs per cubic yard)	1,180	833	1,000	1,200	1,200

FY 2016 New Operating/Capital Request Program Enhancements

Item Description	Justification	Value of Request	Additional Operating	Direct Purchase	1/2 Year Lease
Landfill	27.05.38.0503.000				
Department of Public Works - Facilities					
Smart Phone		600	600	0	
<i>Provide a smart phone for the Landfill Superintendent to enhance communication, productivity and safety.</i>					
Total Landfill		600	600	0	0

LANDFILL**FUND**

(\$ in thousands)

FY2016-FY2020 OPERATING PLAN

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
Revenues					
Operating Revenues	\$5,511.3	\$5,584.4	\$5,654.5	\$5,724.5	\$5,795.3
Fund Balance/Capital Reserve	0.0	1,090.9	339.9	862.5	708.7
Revenues	\$5,511.3	\$6,675.3	\$5,994.4	\$6,587.0	\$6,504.0
Expenses					
Operating Expenses	\$5,492.6	\$5,254.6	\$5,315.5	\$5,490.5	\$5,632.8
Capital Outlay	0.0	1,090.9	339.9	862.5	708.7
Debt Service	18.7	329.8	494.7	558.3	627.3
Expenses	\$5,511.3	\$6,675.3	\$6,150.1	\$6,911.3	\$6,968.8
Surplus/Deficit:	\$0.0	\$0.0	(\$155.7)	(\$324.3)	(\$464.8)
Estimated Annual Tipping Fee Adjustment:					
Tipping Fee	\$0	\$0	\$1	\$3	\$2
% rate change	<i>0.0%</i>	<i>0.0%</i>	<i>1.4%</i>	<i>4.2%</i>	<i>2.7%</i>

FY2016-FY2020 CAPITAL IMPROVEMENT PLAN

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Total '16-'20</u>
Capital Costs:						
Automation & Technology Master Plan - Landfill	0	773	0	0	0	773
Landfill Leachate Conveyance System	0	278	961	959	0	2,198
Landfill Leachate Pretreatment Facility	2,968	0	0	0	0	2,968
Landfill Storm Water Management Ponds	577	578	0	0	0	1,155
Total without inflation	\$3,545	\$1,629	\$961	\$959	\$0	\$7,094
Contingency - inflation	0	0	57	84	0	141
Total	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235
Finance Sources						
Bonds	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235
Total	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235
Cummulative Debt Service (New Bonds-lag one year)		\$311.1	\$476.0	\$539.6	\$608.6	
Cummulative Operating Impact		\$31.2	\$31.8	(\$4.8)	(\$44.2)	

REQUESTED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2016

(\$ in thousands)

LANDFILL SUMMARY

Local governments have the duty to provide for the disposal of solid waste (trash) generated within its borders. Charles County plans for this function by establishing cash reserves collected from user fee revenue and dedicates the reserves for the next landfill cell. The current facility is composed of four cells over a 114 acre site.

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$510	\$0	\$0	\$0	\$510	\$345	\$0	\$855
Land & ROW	475	495	0	0	0	970	0	0	970
Construction	2,500	0	835	855	0	4,190	0	0	4,190
Equipment	0	400	0	0	0	400	0	0	400
Administration	150	42	46	47	0	285	35	0	320
Inspection	113	54	45	46	0	258	0	0	258
Miscellaneous	10	10	8	9	0	37	10	0	47
Contingency	297	118	84	86	0	585	0	0	585
Total Outlay	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235	\$390	\$0	\$7,625

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235	\$390	\$0	\$7,625
Capital Budget Reserve	0	0	0	0	0	0	0	0	0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235	\$390	\$0	\$7,625
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$3,545	\$1,629	\$1,018	\$1,043	\$0	\$7,235	\$390	\$0	\$7,625

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15	Beyond FY 2020
No. of Personnel	0.00	0.00	0.00	(0.50)	(1.00)	0.00	(1.00)
Personnel Costs	0.0	0.0	0.0	(29.1)	(60.6)	0.0	(63.9)
Operating	0.0	31.2	31.8	24.3	16.4	0.0	16.9
Operating	\$0.0	\$31.2	\$31.8	(\$4.8)	(\$44.2)	\$0.0	(\$47.0)
Debt Service: Bonds	0.0	311.1	476.0	539.6	608.6	32.4	633.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$342.3	\$507.8	\$534.8	\$564.4	\$32.4	\$544.5

VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:

	FY 2016	FY 2017	FY 2018	FY 2019	TOTAL
Approved FY15-FY19 CIP	\$4,903	\$1,354	\$742	\$781	\$7,780
Increase/(Decrease)	(\$1,358)	\$275	\$276	\$262	(\$545)
% change	-27.7%	20.3%	37.2%	33.5%	-7.0%
Increase to Annual Tipping fee:	\$0.00	\$4.74	\$6.94	\$7.22	\$0.00

Projects with Future Operating Impacts:

PROJECT	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Beyond FY 2020	FTE
Leachate Pretreatment Facility	0.0	31.2	31.8	32.5	33.1	34.1	0.00
Leachate Conveyance System	0.0	0.0	0.0	(37.3)	(77.3)	(81.1)	(1.00)
Total	0.0	31.2	31.8	(4.8)	(44.2)	(47.0)	(1.00)

REQUESTED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2016

(\$ in thousands)

PROJECT NAME:	Requested By: DPW
Automation & Technology Master Plan - Landfill	Project #: _____
	Goal: 3
<p>This project request is the result of a study by Westin Engineering to determine the Information Technology needs of the Department of Public Works in order to bring it into the 21st century. The project will include emphasis on asset management, data management, work management, and performance management. The ultimate goal of this project is to allow the department to accomplish its functions even in periods of growth without adding field staff and to make more efficient use of the resources currently available. The project has been broken down into phases by division and functions, this project represent Phase IV – Landfill only.</p>	
VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:	
	TOTAL
Approved FY15-FY19 CIP	\$773
Increase/(Decrease)	\$0
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$300	\$0	\$0	\$0	\$300	\$0	\$0	\$300
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	400	0	0	0	400	0	0	400
Administration	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	70	0	0	0	70	0	0	70
Total Outlay	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773

FINANCING SOURCES						5-Year			
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds (10 Year)	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	96.0	96.0	96.0	0.0	96.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$96.0	\$96.0	\$96.0	\$0.0	\$96.0
Increase to Annual Tipping fee:	\$0.00	\$0.00	\$1.31	\$1.30	\$1.30	\$0.00	\$1.28

LOCATION:
Charles County Landfill

REQUESTED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2016

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Landfill Leachate Conveyance System	Project #:
	Goal: 2
<p>An analysis of the most effective means to dispose of the leachate from the landfill showed that a pump station to transmit the flow to the existing gravity sewer will decrease the operating costs by minimizing hauling of the leachate except for periods of high flows. This project is for the design and construction of a leachate conveyance system based on a study performed in 2013.</p>	
VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:	
	TOTAL
Approved FY15-FY19 CIP	\$2,198
Increase/(Decrease)	\$0
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$210	\$0	\$0	\$0	\$210	\$0	\$0	\$210
Land & ROW	0	20	0	0	0	20	0	0	20
Construction	0	0	788	787	0	1,575	0	0	1,575
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	14	44	43	0	101	0	0	101
Inspection	0	29	42	42	0	113	0	0	113
Miscellaneous	0	5	8	8	0	21	0	0	21
Contingency	0	0	79	79	0	158	0	0	158
Total Outlay	\$0	\$278	\$961	\$959	\$0	\$2,198	\$0	\$0	\$2,198

FINANCING SOURCES		FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
Bonds (30 Year)		\$0	\$278	\$961	\$959	\$0	\$2,198	\$0	\$0	\$2,198
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
Total County Funding		\$0	\$278	\$961	\$959	\$0	\$2,198	\$0	\$0	\$2,198
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0
Total Funding		\$0	\$278	\$961	\$959	\$0	\$2,198	\$0	\$0	\$2,198

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	(0.50)	(1.00)	0.00	(1.00)
Personnel Costs	0.0	0.0	0.0	(29.1)	(60.6)	0.0	(63.9)
Operating	0.0	0.0	0.0	(8.2)	(16.7)	0.0	(17.2)
Operating	\$0.0	\$0.0	\$0.0	(\$37.3)	(\$77.3)	\$0.0	(\$81.1)
Debt Service: Bonds	0.0	0.0	16.4	76.4	139.9	0.0	131.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$16.4	\$39.1	\$62.6	\$0.0	\$50.8
Increase to Annual Tipping fee:	\$0.00	\$0.00	\$0.22	\$0.53	\$0.84	\$0.00	\$0.68

LOCATION:
Charles County Landfill

REQUESTED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2016

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Landfill Leachate Pretreatment Facility	Project #: 8041
	Goal: 2
<p>Upon completion of the Cells 2B/3B the expected leachate volume will exceed the current County ordinance requirements for industrial waste pretreatment. A pretreatment facility will be required to be constructed at the landfill to address the quality of effluent to be discharged to the County waste water system. This project will be for the design and construction of the pretreatment facility based on a study performed in 2013.</p>	
VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:	
	TOTAL
Approved FY15-FY19 CIP	\$2,968
Increase/(Decrease)	\$0
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,500	0	0	0	0	2,500	0	0	2,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	125	0	0	0	0	125	25	0	150
Inspection	88	0	0	0	0	88	0	0	88
Miscellaneous	5	0	0	0	0	5	5	0	10
Contingency	250	0	0	0	0	250	0	0	250
Total Outlay	\$2,968	\$0	\$0	\$0	\$0	\$2,968	\$280	\$0	\$3,248

FINANCING SOURCES		FY 2016		FY 2017		FY 2018		FY 2019		FY 2020		5-Year Total '16-'20		Approp. thru FY15		Beyond FY 2020		Project Total	
Bonds (15 Year)		\$2,968	\$0	\$0	\$0	\$0	\$0	\$2,968	\$280	\$0	\$3,248	\$2,968	\$280	\$0	\$3,248				
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Operating Transfer		0	0	0	0	0	0	0	0	0	0	0	0	0					
Total County Funding		\$2,968	\$0	\$0	\$0	\$0	\$0	\$2,968	\$280	\$0	\$3,248	\$2,968	\$280	\$0	\$3,248				
Federal		0	0	0	0	0	0	0	0	0	0	0	0	0					
State		0	0	0	0	0	0	0	0	0	0	0	0	0					
Other:		0	0	0	0	0	0	0	0	0	0	0	0	0					
Total Funding		\$2,968	\$0	\$0	\$0	\$0	\$0	\$2,968	\$280	\$0	\$3,248	\$2,968	\$280	\$0	\$3,248				

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. thru FY15		Beyond FY 2020	
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	31.2	31.8	32.5	33.1	0.0	34.1	0.0	34.1
Operating	\$0.0	\$31.2	\$31.8	\$32.5	\$33.1	\$0.0	\$34.1	\$0.0	\$34.1
Debt Service: Bonds	0.0	260.5	260.5	260.5	260.5	23.3	260.5	0.0	260.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$291.7	\$292.3	\$293.0	\$293.6	\$23.3	\$294.6	\$0.0	\$294.6
Increase to Annual Tipping fee:	\$0.00	\$4.04	\$3.99	\$3.95	\$3.96	\$0.34	\$3.92	\$0.00	\$3.92

LOCATION:
Charles County Landfill

REQUESTED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2016

(\$ in thousands)

PROJECT NAME:	Requested By: PGM
Landfill Storm Water Management Ponds	Project #: 8042
	Goal: 2.1
<p>Sediment basins were constructed to handle storm water run-off during initial construction of the landfill in 1990's. The basins were to be used in this capacity for no more than 3 years and then converted to storm water management ponds in accordance with MD-378 pond criteria. Charles County Stormwater Conservation District and the Maryland Department of the Environment's Dam Safety Division require that the ponds now be brought up to MD 378 criteria. This project is for the design and construction of the permanent storm water management ponds.</p>	
VARIANCE TO APPROVED PER FY15-FY19 CAPITAL IMPROVEMENT PROGRAM:	
	TOTAL
Approved FY15-FY19 CIP	\$1,155
Increase/(Decrease)	\$0
% change	0.0%

EXPENSE BUDGET	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$95	\$0	\$95
Land & ROW	475	475	0	0	0	950	0	0	950
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	25	0	0	0	50	10	0	60
Inspection	25	25	0	0	0	50	0	0	50
Miscellaneous	5	5	0	0	0	10	5	0	15
Contingency	47	48	0	0	0	95	0	0	95
Total Outlay	\$577	\$578	\$0	\$0	\$0	\$1,155	\$110	\$0	\$1,265

FINANCING SOURCES	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Year			
						Total '16-'20	Approp. thru FY15	Beyond FY 2020	Project Total
Bonds	\$577	\$578	\$0	\$0	\$0	\$1,155	\$110	\$0	\$1,265
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$577	\$578	\$0	\$0	\$0	\$1,155	\$110	\$0	\$1,265
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$577	\$578	\$0	\$0	\$0	\$1,155	\$110	\$0	\$1,265

Operating Budget Impact	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Approp. Beyond	
						thru FY15	FY 2020
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	50.6	103.2	103.2	103.2	9.1	103.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$50.6	\$103.2	\$103.2	\$103.2	\$9.1	\$103.2
Increase to Annual Tipping fee:	\$0.00	\$0.70	\$1.41	\$1.39	\$1.39	\$0.13	\$1.37

LOCATION:
Charles County Landfill