

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Agency Description

The Department of Environmental Resources is responsible for the operation of the County's solid waste disposal and recycling activities, oversight of contract refuse collection and planning, policy development and coordination with other agencies regarding water quality, stormwater management, sludge and solid waste management, tree preservation and other environmental issues. The Department also has responsibility for the enforcement of a variety of County laws relating to: (1) construction activity, (2) sediment and erosion control, (3) stormwater management, (4) housing and zoning, (5) permitting, (6) the Clean Lot, Anti-Litter and Weed Ordinance, and (7) animal control.

Needs Assessment

The primary factor taken into consideration during the development of the CIP is how to best implement the County's 10-year Solid Waste Plan. Other considerations include the necessity for the future expansion of the Solid Waste Management Program to meet future demand, demographic changes and the need to improve the Animal Management programs.

FY 2014 Funding Sources

- Revenue Bonds – 80%
- Other – 20%

FY 2014-2019 Program Highlights

- The FY 2014 program continues operational and facility improvements and repairs as well as closure and post closure requirements for Brown Station Road and Sandy Hill landfills.
- The program provides for renovations at the Brown Station Road and Missouri Avenue convenience centers.

New Projects

<u>CIP ID #</u>	<u>PROJECT NAME</u>
NO543115	Blight Eradication Program

Deleted Projects

None

Revised Projects

<u>CIP ID #</u>	<u>PROJECT NAME</u>	<u>REVISION</u>
NX541113	Brown Station Landfill Constr.	FY14 Funding Increase & Total Project Cost Increase
NX541135	Rural Convenience Centers	FY14 Funding Increase & Total Project Cost Increase
NX548846	Sandy Hill Sanitary Landfill	Completion Date & Total Project Cost Increase
NX548925	Waste Transfer Station	Total Project Cost Increase & Description Updated

**THE PRINCE GEORGE'S COUNTY FY 2014-2019 APPROVED CAPITAL IMPROVEMENT PROGRAM**

**SUMMARY BY AGENCY : ENVIRONMENTAL RESOURCES**

PROGRAM EXPENSES	TOTAL	THRU PAST YR	CURRENT YR EST.	TOTAL 6 YEARS	BUDGET YEAR	BY+1	BY+2	BY+3	BY+4	BY+5	BEYOND
PLANS	54095	44621	4573	4701	1371	636	996	982	641	75	200
LAND	6813	4743	70	2000	2000	0	0	0	0	0	0
CONST	174775	96315	12816	65344	16344	29050	11100	4300	4300	250	300
EQUIP	5303	5303	0	0	0	0	0	0	0	0	0
OTHER	2789	39	0	2750	2625	25	25	25	25	25	0
<b>TOTAL</b>	<b>243775</b>	<b>151021</b>	<b>17459</b>	<b>74795</b>	<b>22340</b>	<b>29711</b>	<b>12121</b>	<b>5307</b>	<b>4966</b>	<b>350</b>	<b>500</b>

**SOURCE OF FUNDS:**

G O BDS	0	0	0	0	0	0	0	0	0	0	0
REV BDS	191237	107380	13562	70295	17840	29711	12121	5307	4966	350	0
FED	0	0	0	0	0	0	0	0	0	0	0
STATE	0	0	0	0	0	0	0	0	0	0	0
SW BDS	0	0	0	0	0	0	0	0	0	0	0
DEV	0	0	0	0	0	0	0	0	0	0	0
MNCPPC	0	0	0	0	0	0	0	0	0	0	0
OTHER	52538	47372	666	4500	4500	0	0	0	0	0	0
<b>TOTAL</b>	<b>243775</b>	<b>154752</b>	<b>14228</b>	<b>74795</b>	<b>22340</b>	<b>29711</b>	<b>12121</b>	<b>5307</b>	<b>4966</b>	<b>350</b>	<b>0</b>

THE PRINCE GEORGE'S COUNTY FY 2014-2019 APPROVED CAPITAL IMPROVEMENT PROGRAM

ENVIRONMENTAL RESOURCES

CIP - ID	PROJECT NAME	ADDRESS	PLANNING AREA	PROJECT CLASS	COST (000)	COMPL DATE
NO 543115	BLIGHT ERADICATION PROGRAM	VARIOUS LOCATIONS	NA NOT APPLICABLE	NON CONSTRUCTION	4500	06/2014
NX 541113	BROWN STATION LANDFILL CONSTRU	BROWN STATION ROAD	079 UPPER MARLBORO & VICINI	ADDITION	165460	12/2018
NX 541135	RURAL CONVENIENCE CENTERS	VARIOUS LOCATIONS	NA NOT APPLICABLE	NEW CONSTRUCTION	4945	06/2015
NX 548846	SANDY HILL SANITARY LANDFILL	OLD LAUREL BOWIE ROAD	71A BOWIE VICINITY	ADDITION	28763	06/2020
NX 548933	WASTE COMPOSTING FACILITY	6550 SE CRAIN HIGHWAY	079 UPPER MARLBORO & VICINI	NEW CONSTRUCTION	5000	06/2014
NX 548925	WASTE TRANSFER STATION	6550 SE CRAIN HIGHWAY	079 UPPER MARLBORO & VICINI	NEW CONSTRUCTION	35107	07/2016
<b>AGENCY TOTAL</b>					<b>243775</b>	

TOTAL PROJECTS = 6

**THIS PAGE NOT USED**

---

IX-4

ENVIRONMENTAL RESOURCES

2014 2015 2016 2017 2018 2019



**THE PRINCE GEORGE'S COUNTY FY 2014-2019 APPROVED CAPITAL IMPROVEMENT PROGRAM**

<b>CIP ID NO.</b>	<b>PROJECT NAME</b>	<b>AGENCY</b>
NX541113	BROWN STATION LANDFILL CONSTRUCTION	ENVIRONMENTAL RESOURCES

<b>COUNCIL DIST</b>	<b>LOCATION AND CLASSIFICATION</b>	<b>STATUS</b>
Six		Continued
<b>PLANNING AREA</b>		Addition
Upper Marlboro & Vicinity		Solid Waste Management
<b>ADDRESS</b>		
Brown Station Road		

<b>EXPENDITURE SCHEDULE (000,S)</b>									
TOTAL	THRU FY 12	EST. FY 13	BUD YR FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	BEYOND 6 YRS
46883	43054	1310	510	245	423	841	500	0	0
357	287	70	0	0	0	0	0	0	0
112882	76353	6529	6000	7000	9000	4000	4000	0	0
5303	5303	0	0	0	0	0	0	0	0
35	35	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>125032</b>	<b>7909</b>	<b>6510</b>	<b>7245</b>	<b>9423</b>	<b>4841</b>	<b>4500</b>	<b>0</b>	<b>0</b>

<b>FUNDING SCHEDULE (000,S)</b>											
REV BDS	30337	165460	THRU FY 12	EST. FY 13	BUD YR FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	BEYOND 6 YRS
135123	97812	4792	4792	6510	7245	9423	4841	4500	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>128149</b>	<b>4792</b>	<b>6510</b>	<b>7245</b>	<b>9423</b>	<b>4841</b>	<b>4500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DESCRIPTION AND JUSTIFICATION**

**DESCRIPTION:** This project provides for completion and closure of the second half of the 850-acre site including construction of cells and other waste handling facilities, paved access roads and the extension of water mains and sewer lines. Also included are improved storm drainage and rain caps, landfill liner, and leachate collection systems. Other project elements include the expansion and improvement of the landfill gas system.

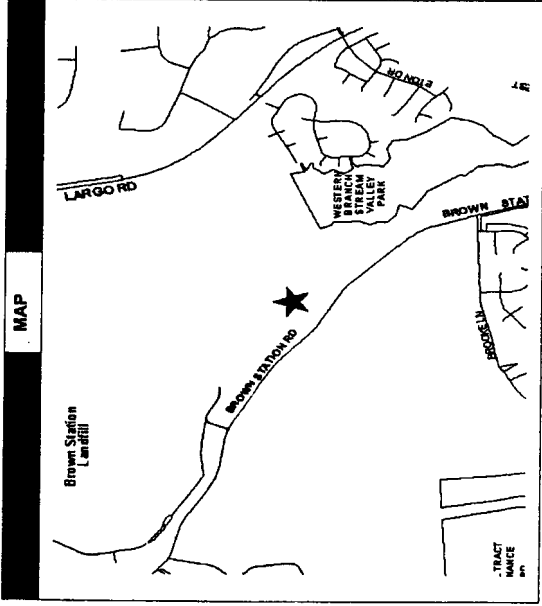
This project also includes additional temporary office structures within the campus area of the Landfill facility. These additional temporary office structures will eliminate dependency on leased, remote, and costly office spaces. Funding for environmental assessments and mitigation efforts are also included here. "Other" funding comes from net operating cash balances from the Solid Waste Management Enterprise Fund.

**JUSTIFICATION:** Post closure of the landfill operations includes the obligation of ensuring site safety and security, which will be housed in a renovated building. This project implements the County's Ten-Year Solid Waste Management Plan.

<b>OPERATING IMPACT (000,S)</b>	
DEBT SERVICE	12161
MAINTENANCE COSTS	0
OPERATING COSTS	0
<b>TOTAL</b>	<b>12161</b>
COST SAVINGS	0

<b>APPROPRIATION DATA (000,S)</b>	
YEAR FIRST IN CIP	FY 1978
YEAR FIRST IN CAPITAL BUDGET	FY 1978
CURRENT AUTH. THRU	FY 14 165460
CUMULATIVE APPROP. THRU	FY 14 139451
<b>APPROPRIATION REQUESTED</b>	<b>0</b>
BONDS SOLD	102604
OTHER FUNDS	30337
TOTAL FUNDS RECEIVED	132941
EXPENDITURES & ENCUMBRANCES	132941
UNENCUMBERED BALANCE	0

<b>PROJECT STATUS</b>	
LAND STATUS	Publicly Owned Land
PROJECT STATUS	Under Construction
PERCENT COMPLETED	94
ESTIMATED COMPLETION DATE	12/2018



**THE PRINCE GEORGE'S COUNTY FY 2014-2019 APPROVED CAPITAL IMPROVEMENT PROGRAM**

<b>CIP ID NO.</b>	<b>PROJECT NAME</b>	<b>AGENCY</b>
NX541135	RURAL CONVENIENCE CENTERS	ENVIRONMENTAL RESOURCES

<b>COUNCIL DIST PLANNING AREA ADDRESS</b>	<b>LOCATION AND CLASSIFICATION</b>	<b>STATUS CLASS FUNCTION</b>	<b>Revised New Construction Solid Waste Management</b>
Multi-District Not Applicable Various Locations			

<b>OPERATING IMPACT (000,S)</b>	
DEBT SERVICE	433
MAINTENANCE COSTS	0
OPERATING COSTS	0
<b>TOTAL</b>	<b>433</b>
COST SAVINGS	0

		<b>EXPENDITURE SCHEDULE (000,S)</b>							
TOTAL	THRU FY 12	EST. FY 13	BUD YR FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	BEYOND 6 YRS
PLANS	617	564	0	0	0	0	0	0	0
LAND	0	0	0	0	0	0	0	0	0
CONST	4328	570	3069	550	0	0	0	0	0
EQUIP	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>4945</b>	<b>1134</b>	<b>3069</b>	<b>550</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>APPROPRIATION DATA (000,S)</b>	
YEAR FIRST IN CIP	FY 2007
YEAR FIRST IN CAPITAL BUDGET	FY 2007
CURRENT AUTH. THRU	FY 14 4945
CUMULATIVE APPROP. THRU	FY 14 4395
<b>APPROPRIATION REQUESTED</b>	<b>0</b>
BONDS SOLD	1187
OTHER FUNDS	139
TOTAL FUNDS RECEIVED	1326
EXPENDITURES & ENCUMBRANCES	1326
UNENCUMBERED BALANCE	0

		<b>FUNDING SCHEDULE (000,S)</b>			
REV BDS	OTHER	TOTAL	FY 14	FY 15	FY 16
4806	139	4945	3069	550	0
<b>TOTAL</b>		<b>4945</b>	<b>3069</b>	<b>550</b>	<b>0</b>

<b>PROJECT STATUS</b>	
LAND STATUS	Publicly Owned Land
PROJECT STATUS	Design Not Begun
PERCENT COMPLETED	59
ESTIMATED COMPLETION DATE	06/2015

<b>DESCRIPTION AND JUSTIFICATION</b>	
<p><b>DESCRIPTION:</b> This project provides funding for improving existing convenience centers. FY 2014 funding is for renovations at the Brown Station Road and Missouri Avenue Convenience Centers.</p> <p><b>JUSTIFICATION:</b> This project implements the County's Ten-Year Solid Waste Management Plan.</p>	

<b>MAP</b>

**THE PRINCE GEORGE'S COUNTY FY 2014-2019 APPROVED CAPITAL IMPROVEMENT PROGRAM**

<b>CIP ID NO.</b>	<b>PROJECT NAME</b>	<b>AGENCY</b>
NX548846	SANDY HILL SANITARY LANDFILL	ENVIRONMENTAL RESOURCES

<b>OPERATING IMPACT (000,S)</b>	
DEBT SERVICE	1112
MAINTENANCE COSTS	0
OPERATING COSTS	0
<b>TOTAL</b>	<b>1112</b>
COST SAVINGS	0

<b>COUNCIL DIST PLANNING AREA ADDRESS</b>	<b>LOCATION AND CLASSIFICATION</b>	<b>STATUS CLASS FUNCTION</b>
Four Bowie Vicinity Old Laurel Bowie Road		Continued Addition Solid Waste Management

<b>EXPENDITURE SCHEDULE (000,S)</b>										
TOTAL	THRU FY 12	EST. FY 13	TOTAL 6 YRS	BUD YR FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	BEYOND 6 YRS
PLANS	2800	49	1200	561	141	141	141	141	75	200
LAND	3951	0	0	0	0	0	0	0	0	0
CONST	21858	117	1625	175	300	300	300	300	250	300
EQUIP	0	0	0	0	0	0	0	0	0	0
OTHER	154	4	150	25	25	25	25	25	25	0
<b>TOTAL</b>	<b>28763</b>	<b>166</b>	<b>2975</b>	<b>761</b>	<b>466</b>	<b>466</b>	<b>466</b>	<b>466</b>	<b>350</b>	<b>500</b>

<b>APPROPRIATION DATA (000,S)</b>	
YEAR FIRST IN CIP	FY 1988
YEAR FIRST IN CAPITAL BUDGET	FY 1988
CURRENT AUTH. THRU	FY 14 28263
CUMULATIVE APPROP. THRU	FY 14 26049
<b>APPROPRIATION REQUESTED</b>	<b>0</b>
BONDS SOLD	9376
OTHER FUNDS	16412
TOTAL FUNDS RECEIVED	25788
EXPENDITURES & ENCUMBRANCES	25288
UNENCUMBERED BALANCE	500

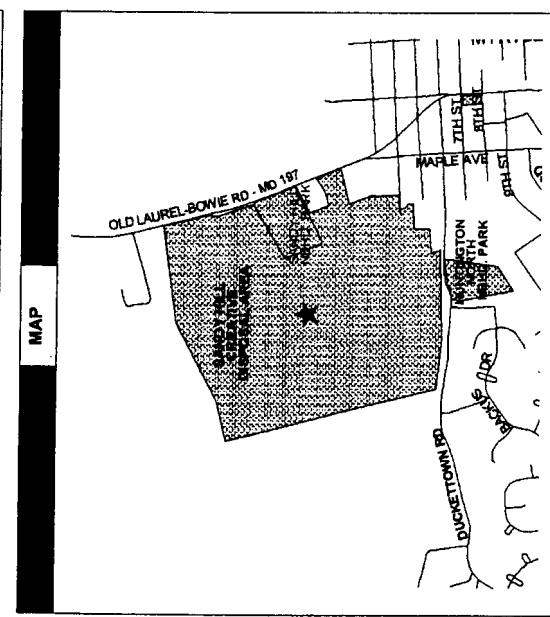
<b>FUNDING SCHEDULE (000,S)</b>					
REV BDS	OTHER	TOTAL	FY 14	FY 15	FY 16
12351	0	2975	761	466	466
16412	686	0	0	0	0
28763	666	2975	761	466	466

<b>PROJECT STATUS</b>	
LAND STATUS	Acquisition Complete
PROJECT STATUS	Under Construction
PERCENT COMPLETED	68
ESTIMATED COMPLETION DATE	06/2020

**DESCRIPTION AND JUSTIFICATION**

**DESCRIPTION:** This project provides funding for the closure of the Sandy Hill Landfill, including reconstructing the cap and necessary facilities for post closure care. These facilities are: leachate storage tank and treatment facilities, ground and surface water controls, gas management and utilization facilities, water service lines, building renovation, and capping expenses including fill material. Prior year funding included payments for completed tasks associated with the design and permitting of the Sandy Hill Landfill Expansion project.

**JUSTIFICATION:** This project is included in the County's Ten-Year Solid Waste Management Plan, as proposed by the County Executive and approved by the County Council. Other funding will come from the landfill closure reserve and the Sandy Hill Environmental Trust Fund.







**THE PRINCE GEORGE'S COUNTY FY 2014-2019 APPROVED CAPITAL IMPROVEMENT PROGRAM**

CIP ID NO.	PROJECT NAME	AGENCY
NX548925	WASTE TRANSFER STATION	ENVIRONMENTAL RESOURCES

OPERATING IMPACT (000,S)	
DEBT SERVICE	3056
MAINTENANCE COSTS	0
OPERATING COSTS	0
TOTAL	3056
COST SAVINGS	0

LOCATION AND CLASSIFICATION	STATUS CLASS FUNCTION
Six Upper Marlboro & Vicinity 6550 Se Crain Highway	Continued New Construction Solid Waste Management

TOTAL	THRU FY 12	EST. FY 13	EXPENDITURE SCHEDULE (000,S)							
			TOTAL 6 YRS	BUD YR FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	BEYOND 6 YRS
3795	163	2650	982	300	250	432	0	0	0	0
505	505	0	0	0	0	0	0	0	0	0
30707	7	3100	27600	4600	21200	1800	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
100	0	0	100	100	0	0	0	0	0	0
35107	675	5750	28682	5000	21450	2232	0	0	0	0

APPROPRIATION DATA (000,S)	
YEAR FIRST IN CIP	FY 1997
YEAR FIRST IN CAPITAL BUDGET	FY 1997
CURRENT AUTH. THRU	FY 14 35107
CUMULATIVE APPROP. THRU	FY 14 11425
APPROPRIATION REQUESTED	0
BONDS SOLD	5275
OTHER FUNDS	1150
TOTAL FUNDS RECEIVED	6425
EXPENDITURES & ENCUMBRANCES	6425
UNENCUMBERED BALANCE	0

REV BDS	33957	FUNDING SCHEDULE (000,S)					
		5275	28682	5000	21450	2232	0
0	5275	28682	5000	21450	2232	0	
1150	0	0	0	0	0	0	
35107	1150	28682	5000	21450	2232	0	

PROJECT STATUS	
LAND STATUS	Publicly Owned Land
PROJECT STATUS	Design Stage
PERCENT COMPLETED	7
ESTIMATED COMPLETION DATE	07/2016

**DESCRIPTION AND JUSTIFICATION**

**DESCRIPTION:** This project includes the design and construction of a solid waste transfer station to serve the future solid waste disposal needs of the County. The facility will supplement and replace the Brown Station Road Sanitary Landfill. \$100K will be used to develop a zero waste strategic plan for the County. A zero waste program would significantly reduce the tonnage of materials exported and create additional opportunities to recover recyclables at the transfer station facility. Effective materials recovery would realize significant economic and environmental benefits.

**JUSTIFICATION:** This project will provide waste disposal services to the County.

