

<b>SOLID WASTE CIP Summary</b>	<b>Funding in FY 2015/16</b>	<b>Funding in FY 2016/17</b>	<b>Funding in FY 2017/18</b>	<b>Funding in FY 2018/19</b>	<b>Funding in FY 2019/20</b>	<b>Funding in FY 2020/21</b>	<b>Funding in FY 2021/22</b>	<b>Funding in FY 2022/23</b>	<b>Total</b>
<b>PAY AS GO</b>									
ATV Kubota	-	20,000	-	-	-	-	-	-	20,000
Bethany Church Rd Landfill Cap Improvements	350,000	-	-	-	-	-	-	-	350,000
Bulldozer	-	-	350,000	-	360,000	-	-	-	710,000
Cell Closure Cost (MSW & C&D)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
C&D Landfill - 2 additional acres	-	50,000	50,000	-	-	-	-	-	100,000
Compactor	675,000	-	-	700,000	-	-	-	-	1,375,000
Diesel Storage Tank	-	-	-	-	-	-	-	50,000	50,000
Dump Truck-Off Road	-	-	-	-	-	-	450,000	-	450,000
Lawnmower and/or Bush Hog	-	-	-	28,000	-	-	25,000	-	53,000
Mechanic Truck and/or Service Fuel Truck	-	150,000	-	-	-	-	-	-	150,000
Methane Gas Perimeter Infrastructure	-	75,000	-	-	100,000	-	-	-	175,000
Pickup Truck 3/4 Ton and/or 1/2 Ton	-	35,000	-	-	-	-	35,000	-	70,000
Rubber Tire Loader	-	-	185,000	-	-	190,000	-	-	375,000
Subtitle D Cell Construction	1,200,000	1,200,000	1,200,000	1,200,000	1,000,000	250,000	250,000	250,000	6,550,000
<b>TOTAL PAY AS GO</b>	<b>2,325,000</b>	<b>1,630,000</b>	<b>1,885,000</b>	<b>2,028,000</b>	<b>1,560,000</b>	<b>540,000</b>	<b>860,000</b>	<b>400,000</b>	<b>11,228,000</b>

<b>Subtitle D Cell Unit 3 Phase 2 Cash Flow</b>									
Hydrogeological		175,000							175,000
Design/Permitting			260,000						260,000
Gravel			1,200,000	1,200,000					2,400,000
Construction					3,500,000	500,000			4,000,000
CQA (Construction Quality Assurance)					180,000	80,000			260,000
Construction Administration					80,000	40,000			120,000
<b>Total Expenditures</b>	<b>-</b>	<b>175,000</b>	<b>1,460,000</b>	<b>1,200,000</b>	<b>3,760,000</b>	<b>620,000</b>	<b>-</b>	<b>-</b>	<b>7,215,000</b>
<b>Project Balance</b>	<b>2,977,587</b>	<b>4,002,587</b>	<b>3,742,587</b>	<b>3,742,587</b>	<b>982,587</b>	<b>612,587</b>	<b>862,587</b>	<b>1,112,587</b>	

<b>OPERATING COSTS</b>									
Personal Services	1,621,605	1,654,037	1,687,118	1,720,860	1,755,277	1,790,383	1,826,191	1,862,714	13,918,186
General Operating	2,987,615	3,017,491	3,047,666	3,078,143	3,108,924	3,140,013	3,171,414	3,203,128	24,754,394
State \$2 Tax	292,800	294,801	297,232	299,688	302,168	304,673	307,203	309,758	2,408,323
<b>TOTAL OPERATING</b>	<b>4,902,020</b>	<b>4,966,329</b>	<b>5,032,016</b>	<b>5,098,691</b>	<b>5,166,370</b>	<b>5,235,069</b>	<b>5,304,807</b>	<b>5,375,600</b>	<b>41,080,902</b>

<b>TOTAL EXPENSES</b>	<b>7,227,020</b>	<b>6,596,329</b>	<b>6,917,016</b>	<b>7,126,691</b>	<b>6,726,370</b>	<b>5,775,069</b>	<b>6,164,807</b>	<b>5,775,600</b>	<b>52,308,902</b>
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<b>REVENUE</b>									
Landfill User Fees	3,960,000	4,011,499	4,051,614	4,092,130	4,133,051	4,174,382	4,216,126	4,258,287	32,897,088
Methane-Duke Power	1,018,298	1,018,298	1,018,298	1,018,298	1,018,298	1,018,298	1,018,298	1,018,298	8,146,384
Demo Landfill User Fees	531,600	594,320	594,320	594,320	594,320	594,320	594,320	594,320	4,691,840
Tire Disposal Tax	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	1,440,000
Solid Waste Disposal Tax (5 year average 22% of tax paid)	62,000	64,856	65,391	65,931	66,477	67,028	67,585	68,147	527,415
Solid Waste Franchise Fee	50,000	50,000	50,000	50,000	75,000	75,000	75,000	75,000	500,000
White Goods Disposal Tax	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	336,000
All Other Revenues	139,200	139,200	139,200	139,200	139,200	139,200	139,200	139,200	1,113,600
Fund Balance Appropriated	1,243,922	496,156	776,193	944,812	478,023	(515,159)	(167,721)	(599,652)	2,656,575
<b>TOTAL REVENUES</b>	<b>7,227,020</b>	<b>6,596,329</b>	<b>6,917,016</b>	<b>7,126,691</b>	<b>6,726,370</b>	<b>5,775,069</b>	<b>6,164,807</b>	<b>5,775,600</b>	<b>52,308,902</b>

<b>Solid Waste CIP 1st 4 Years</b>	<b>Funding in FY 2015/16</b>	<b>Funding in FY 2016/17</b>	<b>Funding in FY 2017/18</b>	<b>Funding in FY 2018/19</b>	<b>Total</b>
<b>PAY AS GO</b>					
<b>ATV Kobota-</b> Kobota is used to transport staff around landfill property for checking gas and water wells and inspecting perimeter and fencing. Existing Kobota was purchased in 2007.	-	20,000	-	-	20,000
<b>Bethany Church Rd Landfill Cap Improvements - Cap</b> improvements at the closed Newton Landfill. Improvements are needed to maintain compliance with North Carolina Solid Waste Regulations and to maintain the integrity of the landfill cap in order to guard against future impacts to the existing plume of contaminated groundwater.	350,000	-	-	-	350,000
<b>Bulldozer-</b> Bulldozers are scheduled for replacement in Fiscal Years 2017/18 and 2019/20. Replacements are scheduled according to Solid Waste financial analysis and planning.	-	-	350,000	-	350,000
<b>Cell Closure Cost (MSW &amp; C&amp;D)-</b> Construction of additional 2 acres if County decides to proceed and if State approval granted.	100,000	100,000	100,000	100,000	400,000
<b>C&amp;D Cell 2 Additional Acres-</b> Design and permitting for an additional 2 acres to expand the C&D landfill.	-	50,000	50,000	-	100,000
<b>Compactor-</b> Compactors are scheduled for replacement in Fiscal Years 2015/16 and 2018/19 based on hours of operation and according to Solid Waste financial analysis and planning.	675,000	-	-	700,000	1,375,000
<b>Lawnmower &amp; Bush Hog-</b> Lawn mowers and bush hogs are used to maintain property associated with the Landfill and Solid Waste Management.	-	-	-	28,000	28,000
<b>Mechanic Truck and/or Service Fuel Truck-</b> Replacement mechanic trucks and service fuel trucks are scheduled according to Solid Waste financial analysis and planning.	-	150,000	-	-	150,000

<b>Solid Waste CIP 1st 4 Years</b>	<b>Funding in FY 2015/16</b>	<b>Funding in FY 2016/17</b>	<b>Funding in FY 2017/18</b>	<b>Funding in FY 2018/19</b>	<b>Total</b>
<b>Methane Gas Perimeter Infrastructure-</b> New methane gas extraction wells and purchase associated piping, fittings, heads, etc. in completed waste areas of Unit 2 & Unit 3 Landfill cells. This will allow Landfill to start extracting needed methane from these areas to increase gas flow to the methane to electricity co-generation facility.	-	75,000	-	-	75,000
<b>Pickup Truck 3/4 Ton and/or 1/2 Ton-</b> 3/4 ton or 1/2 ton pickups are replaced as necessary according to the Solid Waste financial analysis and planning.	-	35,000	-	-	35,000
<b>Rubber Tire Loader-</b> Loaders are scheduled for replacement in Fiscal Years 15/16 and 20/21 based on hours of operation and according to the Solid Waste financial analysis and planning.	-	-	185,000	-	185,000
<b>Subtitle D Cell Construction-</b> This project funds the continuum of the Subtitle D Cell Construction. The next cell is Unit 3 Phase 2 projected to open Fiscal Year 2020/21. Funds will continue to be set aside for future Unit 3 Phase 3.	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
<b>Total Pay as Go</b>	<b>2,325,000</b>	<b>1,630,000</b>	<b>1,885,000</b>	<b>2,028,000</b>	<b>7,868,000</b>

Solid Waste CIP 2nd 4 Years	Funding in FY 2019/20	Funding in FY 2020/21	Funding in FY 2021/22	Funding in FY 2022/23	Total
<b>PAY AS GO</b>					
<b>Bulldozer-</b> Bulldozers are scheduled for replacement in Fiscal Years 2016/17 and 2019/20. Replacements are scheduled according to Solid Waste financial analysis and planning.	360,000	-	-	-	360,000
<b>Cell Closure Cost (MSW &amp; C&amp;D)-</b> Construction of additional 2 acres if County decides to proceed and if State approval granted.	100,000	100,000	100,000	100,000	400,000
<b>Diesel Storage Tank-</b> Used to store biodiesel produced by the Biodiesel Production Facility until it's used in Landfill equipment.	-	-	-	50,000	50,000
<b>Dump Truck Off Road-</b> Dump Trucks are scheduled for replacement according to Solid Waste financial analysis and planning.	-	-	450,000	-	450,000
<b>Lawnmower &amp; Bush Hog-</b> Lawn mowers and bush hogs are used to maintain property associated with the Landfill and Solid Waste Management.	-	-	25,000	-	25,000
<b>Methane Gas Perimeter Infrastructure-</b> New methane gas extraction wells and purchase associated piping, fittings, heads, etc. in completed waste areas of Unit 2 & Unit 3 Landfill cells. This will allow Landfill to start extracting needed methane from these areas to increase gas flow to the methane to electricity co-generation facility.	100,000	-	-	-	100,000
<b>Pickup Truck 3/4 Ton and/or 1/2 Ton-</b> 3/4 ton or 1/2 ton pickups are replaced as necessary according to the Solid Waste financial analysis and planning.	-	-	35,000	-	35,000
<b>Rubber Tire Loader-</b> Loaders are scheduled for replacement in Fiscal Years 15/16 and 20/21 based on hours of operation and according to the Solid Waste financial analysis and planning.	-	190,000	-	-	190,000

<b>Solid Waste CIP 2nd 4 Years</b>	<b>Funding in FY 2019/20</b>	<b>Funding in FY 2020/21</b>	<b>Funding in FY 2021/22</b>	<b>Funding in FY 2022/23</b>	<b>Total</b>
<b>Subtitle D Cell Construction-</b> This project funds the continuum of the Subtitle D Cell Construction. The next cell is Unit 3 Phase 2 projected to open Fiscal Year 2020/21. Funds will continue to be set aside for future Unit 3 Phase 3.	1,000,000	250,000	250,000	250,000	1,750,000
<b>Total Pay as Go</b>	<b>1,560,000</b>	<b>540,000</b>	<b>860,000</b>	<b>400,000</b>	<b>3,360,000</b>