

SOLID WASTE CIP Summary	Funding in FY 2017/18	Funding in FY 2018/19	Funding in FY 2019/20	Funding in FY 2020/21	Funding in FY 2021/22	Total in 5 Years
EXPENSES						
CAPITAL COSTS						
ATV Kubota	25,000	0	0	0	0	25,000
Bulldozer Rebuild Program	0	0	0	0	435,000	435,000
Cell Closure Cost (MSW & C&D)	100,000	100,000	100,000	100,000	100,000	500,000
Compactor		700,000	0	0	0	700,000
Compactor Rebuild Program	0	0	0	475,000	0	475,000
Dump Truck-Off Road	530,000	0	560,000		0	1,090,000
Excavator	0	0	400,000	0	0	400,000
GPS Receiver/Monitor - D8 Dozer	50,000	0	0	0	0	50,000
Lawnmower and/or Bush Hog		28,000	0	0	28,000	56,000
Mechanic Truck and/or Service Fuel Truck	175,000	0	0	0	0	175,000
Methane Gas Perimeter Infrastructure	0	0	100,000	0	0	100,000
Motor Vehicle	29,720	0	0	0	0	29,720
Pickup Truck 3/4 Ton and/or 1/2 Ton	0	0	0	38,000	0	38,000
Loader, Track and Tire Type	335,000	190,000	0	0	0	525,000
Scales/Scalehouse Renovations	100,000	0	0	0	0	100,000
Subtitle D Cell Construction	1,600,000	1,800,000	1,000,000	250,000	250,000	4,900,000
TOTAL CAPITAL (PAY-AS-YOU-GO)	2,944,720	2,818,000	2,160,000	863,000	813,000	9,598,720
OPERATING COSTS						
Personal Services	1,840,146	1,876,949	1,914,488	1,952,778	1,991,834	9,576,195
General Operating (includes transfer to capital)	4,793,277	4,841,210	4,889,622	4,938,518	4,987,903	24,450,530
State \$2 Tax (collected and paid)	331,200	334,512	337,857	341,236	344,648	1,689,453
TOTAL OPERATING	6,964,623	7,052,671	7,141,967	7,232,532	7,324,385	35,716,178
TOTAL EXPENSES	9,909,343	9,870,671	9,301,967	8,095,532	8,137,385	45,314,898
REVENUE						
Landfill User Fees	4,412,227	4,456,349	4,500,912	4,545,921	4,591,380	22,506,789
Methane-Duke Power	834,350	834,350	834,350	834,350	834,350	4,171,750
Demo Landfill User Fees	702,911	709,940	717,039	724,209	731,451	3,585,550
Tire Disposal Tax	190,000	190,000	190,000	190,000	190,000	950,000
Solid Waste Disposal Tax (5 year average 22% of tax paid in)	62,000	62,620	63,246	63,878	64,517	316,261
Solid Waste Franchise Fee	50,000	50,000	75,000	75,000	75,000	325,000
White Goods Disposal Tax	45,000	45,000	45,000	45,000	45,000	225,000
All Other Revenues (includes transfer to capital)	1,847,375	2,047,375	1,247,375	497,375	497,375	6,136,875
Fund Balance Appropriated	1,765,480	1,475,037	1,629,045	1,119,799	1,108,312	7,097,673
TOTAL REVENUES	9,909,343	9,870,671	9,301,967	8,095,532	8,137,385	45,314,898

Solid Waste CIP 5 Years	Funding in FY 2017/18	Funding in FY 2018/19	Funding in FY 2019/20	Funding in FY 2020/21	Funding in FY 2021/22	Total in 5 Years
PAY AS GO						
ATV Kobota- 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.	25,000	0	0	0	0	25,000
Bulldozer Rebuild Program- Caterpillar rebuild program for the D8 Dozer purchased in Fiscal Year 2016/17 based on anticipated hours of operations.	0	0	0	0	435,000	435,000
Cell Closure Cost (MSW & C&D)- Recurring set-aside to fund mandated closure / post closure management and monitoring activities.	100,000	100,000	100,000	100,000	100,000	500,000
Compactor- Compactor is scheduled for replacement in Fiscal Year 2018/19 based on hours of operation and according to Solid Waste financial analysis and planning.	0	700,000	0	0	0	700,000
Compactor Rebuild Program - The Certified Rebuild Program offers a like-new machine with a like-new warranty and a new serial number, all at a fraction of the cost of a comparable new machine.	0	0	0	475,000	0	475,000
Dump Truck Off Road- Dump Trucks are scheduled for replacement according to Solid Waste financial analysis and planning.	530,000	0	560,000	0	0	1,090,000
Excavator- Excavators are used in obtaining soils needed for landfill operations. Replacements are scheduled according to Solid Waste financial analysis and planning.	0	0	400,000	0	0	400,000
GPS Reciever/Monitor - D8 Dozer- Receiver and monitor is needed to expand the GPS capabilities to the D8 dozer that is used in the MSW Landfill.	50,000	0	0	0	0	50,000
Lawnmower & Bush Hog- Lawn mowers and bush hogs are used to maintain property associated with the Landfill and Solid Waste Management.	0	28,000	0	0	28,000	56,000
Mechanic Truck and/or Service Fuel Truck- Replacement mechanic trucks and service fuel trucks are scheduled according to Solid Waste financial analysis and planning.	175,000	0	0	0	0	175,000
Methane Gas Perimeter Infrastructure- 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.	0	0	100,000	0	0	100,000

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Motor Vehicle - The replacement vehicle will be shared and used by: Code Compliance Supervisor to visit various sites around the county in response to complaints and to ensure compliance, Environmental Engineer for travels in and around both the Blackburn and Newton Landfills for air and water quality inspections/investigations, meetings with engineers and landfill staff, Recycling Coordinator to transport educational boards, table, supplies and giveaways for educational booths, presentations, etc., Water Resource Engineer to inspect erosion control sites and Utility and Landfill Project Manager for project site inspections.	29,720	0	0	0	0	29,720
Pickup Truck 3/4 Ton and/or 1/2 Ton - 3/4 ton or 1/2 ton pickups are replaced as necessary according to the Solid Waste financial analysis and planning.	0	0	0	38,000	0	38,000
Loader - Loaders are scheduled for replacement in Fiscal Years 17/18 is a track loader and 18/19 is a tire loader, both are based on hours of operation and according to the Solid Waste financial analysis and planning.	335,000	190,000	0	0	0	525,000
Scales/Scalehouse Renovations - Refurbish existing scales installed in 1997 to provide more exact weight for invoicing which includes new computer system and may require minor renovations to the scales office.	100,000	0	0	0	0	100,000
Subtitle D Cell Construction - 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.	1,600,000	1,800,000	1,000,000	250,000	250,000	4,900,000
TOTAL CAPITAL (PAY-AS-YOU-GO)	2,944,720	2,818,000	2,160,000	863,000	813,000	9,598,720