



MEMORANDUM

TO: Landfill Oversight Committee Members

FROM: Harvey E. Strawsnyder, Jr., P.E., Director of Public Works

SUBJECT: Landfill Oversight Committee Meeting

DATE: November 23, 2015

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Please be advised that a landfill oversight committee meeting will be held on Thursday, December 2, 2015 at 8:00 a.m. The meeting will be held in the public works conference room located on the *second floor of the north end of the County Administration Building at 107 North Kent Street, Suite 200*. The agenda is as follows:

- 1) Update on Existing Projects
- 2) Discussion of Future Projects
- 3) Proposed Fiscal Year 2015/2016 Budget
(Attachment #1)

HES/rls

cc: The Winchester Star
Northern Virginia Daily
News Director, WINC
file

10/06/2015 COUNTY OF FREDERICK		- B U D G E T -		E X P E N S E		ACCOUNTING PERIOD 2015/10	
FUND #-012 LANDFILL FUND							
		Prior Years FY/2014	Prior Years FY/2015	Amended Budget	Actual On 2015/10	Dept Request FY/2017	Admin Request
042040	LANDFILL						
042040 -000-000	REFUSE DISPOSAL						
042040-1000-000-000	PERSONNEL SERVICES						
042040-1001-000-001	COMPENSATION OF PUBLIC WORKS						
042040-1001-000-002	LANDFILL MANAGER	79,976	83,378	85,869	21,467	85,870	
042040-1001-000-003	ENVIRONMENTAL MANAGER	67,555	70,108	71,930	17,983	71,931	
042040-1001-000-004	ADMINISTRATIVE COSTS	118,188	129,663	142,954	35,739	142,955	
042040-1001-000-005	HEAVY EQUIPMENT MECHANIC	59,454	61,658	63,261	15,815	63,261	
042040-1001-000-036	SECRETARY III						
042040-1001-000-056	SCALE OPERATOR	45,737	47,638	49,062	12,265	49,062	
042040-1001-000-057	ADMINISTRATIVE ASSISTANT	36,531	37,742	42,098	10,299	42,400	
042040-1001-000-058	ASST.CONVENIENCE CENTER SUPER.	29,937	27,768	30,771	7,693	30,771	
042040-1001-000-066	SPOTTER	29,915	31,066	32,840	8,076	33,020	
042040-1001-000-067	ASST. MAINTENANCE MECHANIC			24,237		32,300	
042040-1001-000-068	LABORER II		5,535	23,920		23,920	
042040-1001-000-069	LANDFILL TECHNICIAN	30,582	31,847	35,310	8,674	35,516	
042040-1001-000-070	SR LANDFILL TECHNICIAN	35,590	37,483	39,201	9,800	39,202	
042040-1001-000-071	SR LANDFILL TECHNICIAN	41,002	42,324	43,323	10,831	43,323	
042040-1001-000-072	LANDFILL TECHNICIAN	30,537	31,864	36,794	8,942	37,136	
042040-1001-000-081	LANDFILL TECH			32,299	8,075	32,300	
042040-1001-000-082	LANDFILL TECHNICIAN	33,076	35,523	38,174	9,544	38,175	
042040-1001-000-083	LFG TO ENERGY PLANT OPER.	48,468	52,902	54,224	13,556	54,225	
042040-1001-000-084	LANDFILL TECHNICIAN III						
042040-1001-000-085	LABORER I 1/2						
042040-1001-000-086	LANDFILL OPERATIONS SUPV	54,151	56,473	58,243	14,561	58,244	
042040-1001-000-087	LABORER II						
042040-1001-000-088	LANDFILL TECHNICIAN	36,160	37,569	38,604	9,651	38,604	
042040-1001-000-089	SPOTTER	32,234	27,100	33,843	1,910	29,500	
042040-1001-000-090	CONVENIENCE SITE SUPERVISOR	33,676	34,800	35,552	8,888	35,552	
042040-1001-000-091	LABORER	24,962	26,056	27,008	6,752	27,009	
042040-1001-000-092	LABORER II						
042040-1001-000-093	SR LANDFILL TECHNICIAN	37,012	39,975	43,349	10,837	43,349	
042040-1001-000-094	ENVIRONMENTAL SAFETY TECH.	43,260	44,863	46,589	9,090	50,000	
042040-1001-000-095	LANDFILL TECHNICIAN		29,582	33,726	8,380	33,795	
042040-1001-000-096	LANDFILL TECHNICIAN	32,309	34,998	38,070	9,518	38,070	
042040-1001-000-097	LABORER	24,980	26,060	27,008	6,752	27,009	
042040-1001-000-098	LABORER						
042040-1003-000-000	PART TIME/EXTRA HELP	56,310	60,790	78,000	14,975	78,000	
042040-1005-000-000	OVERTIME	40,811	51,855	63,448	11,653	63,448	
042040-1005-000-001	OVERTIME - INVESTIGATIVE						
042040-1009-000-000	MERIT RESERVE						
042040-1099-000-000	CHANGE IN ACCRUED LEAVE	19,182	12,451				

	PERSONAL SERVICE	1,121,595	1,209,071	1,369,707	311,726	1,377,947
042040-2000-000-000	FRINGE BENEFITS					
042040-2001-000-000	F. I. C. A.	80,242	87,163	102,477	22,821	103,867
042040-2002-000-000	RETIREMENT - V. S. R. S.	113,880	114,262	128,868	29,082	131,193
042040-2005-000-000	HOSPITAL/MEDICAL PLANS	212,246	241,240	291,900	57,313	283,500
042040-2006-000-000	GROUP INSURANCE	11,898	12,815	14,454	3,262	14,714
042040-2007-000-000	ACCRUED VACATION PAY					
042040-2008-000-000	SHORT & LONG TERM DISABILITY		391	500	142	750
042040-2011-000-000	WORKER'S COMPENSATION -	40,027	47,389	55,768	13,016	63,120
042040-2013-000-000	EDUCATION - TUITION ASSISTANCE					
042040-2099-000-000	FRINGE BENEFIT RESERVE					
	FRINGE BENEFITS	458,293	503,260	593,967	125,636	597,144
042040-3000-000-000	CONTRACTUAL SERVICES					
042040-3001-000-000	PROFESSIONAL HEALTH SERVICES	247	400	300		1,000
042040-3002-000-000	PROFESSIONAL SERVICES OTHER	258,601	345,037	390,000	24,749	440,000
042040-3002-000-001	STATE PERMIT FEES	38,991	28,647	41,300	29,746	41,300
042040-3002-000-002	PROFESSIONAL SVC - INVESTIGATI					
042040-3003-000-000	TEMPORARY HELP SERVICE FEES					
042040-3004-000-001	REPAIR AND MAINTENANCE-EQUIP.	88,176	143,352	120,000	6,392	150,000
042040-3004-000-002	REPAIR AND MAINTENANCE - VEHIC	7,419	8,118	15,000	1,312	12,000
042040-3004-000-003	REPAIR AND MAINTENANCE - BUILD	24,368	19,650	15,000	8,338	25,000
042040-3004-000-004	Repair and Maintenance-Generat	70,885	49,376	200,000	691	120,000
042040-3005-000-000	MAINTENANCE SERVICE CONTRACTS	6,204	20,323	18,350	168	22,350
042040-3005-000-001	Generator Oil Sampling	5,600	2,722	6,500	2,724	6,500
042040-3007-000-000	ADVERTISING	1,227	659	4,000		2,000
042040-3010-000-000	OTHER CONTRACTUAL SERVICES	292,521	243,485	433,120	48,273	437,320
042040-3010-000-001	CONTRACTUAL SERV. - TIRE PROGR	56,265	76,856	70,000	4,737	120,000
042040-3010-000-002	RTOP OPERATIONAL COSTS					
042040-3010-000-003	REGIONAL ELECTRONICS RECYCLING	67,500	64,300	60,000	10,000	66,000
	PURCHASED SERVICES	918,004	1,002,925	1,373,570	137,130	1,443,470
042040-4000-000-000	INTERNAL SERVICES					
042040-4001-000-000	DATA PROCESSING SERVICES					
042040-4003-000-001	CENTRAL STORES-COPIES					
042040-4003-000-002	CENTRAL STORES-GASOLINE					
042040-5100-000-000	UTILITIES					
042040-5101-000-000	ELECTRICAL SERVICES	32,913	34,745	40,000	4,671	40,000
042040-5101-000-001	Electrical Srv.-Interconnectio	23,477	22,543	26,000	3,683	26,000
042040-5102-000-000	HEATING SERVICES	4,369	2,193	8,000		8,000
042040-5200-000-000	COMMUNICATION					
042040-5204-000-000	POSTAGE AND TELEPHONE	13,060	12,153	18,060	2,476	18,060
042040-5204-000-001	Postage and Shipping-Generator	2,112	1,580	5,000	100	5,000
042040-5300-000-000	INSURANCE					
042040-5301-000-000	BOILER INSURANCE	715	704	750	723	750
042040-5302-000-000	FIRE INSURANCE	9,752	10,145	12,000	13,952	15,000
042040-5305-000-000	MOTOR VEHICLE INSURANCE	4,350	5,635	6,050	4,826	5,500
042040-5306-000-000	SURETY BONDS	28	25	30	24	30
042040-5308-000-000	GENERAL LIABILITY INSURANCE	5,234	4,919	6,500	5,197	6,500
042040-5308-000-001	GENERAL LIABILITY INSURANCE					

042040-5400-000-000	MATERIALS AND SUPPLIES						
042040-5401-000-000	OFFICE SUPPLIES	14,343	7,636	8,999	2,207	9,000	
042040-5403-000-000	AGRICULTURAL SUPPLIES	1,245	1,737	20,000		20,000	
042040-5404-000-000	MEDICAL AND LABORATORY SUPPL	1,196	1,540	2,500		2,500	
042040-5405-000-000	LAUNDRY & JANITORIAL SUPPLIES	4,690	2,404	7,200	359	6,000	
042040-5407-000-000	REPAIR AND MAINTENANCE SUPPL	18,235	29,339	25,000	2,632	25,000	
042040-5408-000-000	VEHICLE AND POWERED EQUIPMENT	121,181	103,900	180,000	23,977	180,000	
042040-5408-000-001	VEHICLES-TIRES AND PARTS	843	785	5,000		2,500	
042040-5408-000-002	VEHICLE-FUELS AND LUBRICANTS	264,839	228,262	345,300	25,839	303,700	
042040-5408-000-003	Generator Spare Parts	93,755	77,766	300,000	3,400	150,000	
042040-5408-000-004	Generator Lubricants	40,223	41,358	62,820		62,820	
042040-5410-000-000	UNIFORMS	3,028	4,244	5,000	1,359	7,000	
042040-5410-000-001	SAFETY EQUIPMENT					2,500	
042040-5411-000-000	BOOKS & SUBSCRIPTIONS	1,000	299	1,500		1,500	
042040-5413-000-000	OTHER OPERATING SUPPLIES	8,308	7,559	8,000	161	8,000	
042040-5413-000-001	Other Operating Supplies-Gener	29,854	32,938	30,000	94	30,000	
042040-5500-000-000	TRAVEL						
042040-5506-000-000	TRAVEL	5,723	7,512	10,000	781	10,000	
042040-5506-000-001	Landfill Gas Generator Trainin	3,747		10,000		10,000	
042040-5604-000-000	OTH. PAYMENTS OR CONTRIBUTIONS	299,318	157,568	150,000		155,000	
042040-5800-000-000	MISCELLANEOUS						
042040-5801-000-000	DUES AND ASSOC.MEMBERSHIPS	1,060	1,565	2,000	1,200	2,000	
042040-5806-000-000	RESERVE FOR CONTINGENCIES						
042040-5806-000-001	POST CLOSURE COSTS	146,799	294,880	180,000		320,000	
042040-5806-000-002	CONTINGENCY-TIPPING FEE ADJUST						
042040-5806-000-003	PAYMENTS TO LOCALITIES						
042040-5810-000-000	PAYMENT OF UNEMPLOYMENT CLAIMS	-60	7,925	10,000		10,000	
042040-5810-000-001	EEOC CLAIMS						
	OTHER CHARGES	1,155,337	1,103,859	1,485,709	97,661	1,442,360	
042040-8000-000-000	LEASES AND RENTALS						
042040-8001-000-000	MACHINERY AND EQUIPMENT						
042040-8002-000-000	FURNITURE AND FIXTURES						
042040-8003-000-000	COMMUNICATIONS EQUIPMENT			5,000		15,000	
042040-8005-000-000	MOTOR VEHICLES AND EQUIPMENT			30,000		35,000	
042040-8006-000-000	CONSTRUCTION VEHICLES & EQUIPM	8,300		746,332	656,332	1,000,000	
042040-8007-000-000	INTEGRATED TECHNOLOGY EQUIPMEN			5,000		5,000	
042040-8009-000-000	MISCELLANEOUS EQUIPMENT			5,000		10,000	
042040-8009-000-001	Misc.-Landfill Gas Generators			10,000		10,000	
042040-8700-000-000	LAND						
042040-8800-000-000	BUILDINGS						
042040-8900-000-000	IMPROVEMENTS OTHER THAN BUILDI		40,920	550,000		440,000	
042040-8901-000-000	LOSS ON DISPOSAL						
042040-8999-000-000	INTEREST EXPENSE						
	CAPITAL OUTLAY	8,300	40,920	1,351,332	656,332	1,515,000	
042040-9000-000-000	DEPRECIATION						
042040-9001-000-000	LEASE/RENT OF EQUIPMENT	100	8,320	26,321		40,000	
042040-9500-000-000	DEPRECIATION OF EQUIPMENT	1,804,097	1,972,715	500,000		500,000	

042040-9500-000-001	DEPRECIATION OF EQUIP.-GENERAT			75,000		75,000
	OTHER USES OF FUNDS	1,804,197	1,981,035	601,321		615,000
	TOTAL DEPARTMENT	5,465,726	5,841,070	6,775,606	1,328,485	6,990,921
093010-2011-000-000	WORKER'S COMP FOR WELLNESS	74	33			
	FRINGE BENEFITS	74	33			0
093010-5807-000-001	MERIT RESERVE	2,145	1,160	-26,513		
093010-5807-000-002	MERIT RESERVE FRINGES			-6,257		
	OTHER CHARGES	2,145	1,160	-32,770		0
	TOTAL DEPARTMENT	2,219	1,193	-32,770		0
TOTAL FOR FUND		5,467,945	5,842,263	6,742,836	1,328,485	6,990,921

2016-2017 BUDGET INFORMATION - REVENUES

DEPARTMENT LANDFILL		DEPARTMENT CODE 12-4204				
REVENUE LINE ITEM	FUNDING SOURCES	SOURCES OF FUNDS				TOTAL
		SVC-GENERATED/ OTHER REVENUE	STATE	FEDERAL	PROVIDED FROM LOCAL SOURCES	
1501-01	Interest on Bank Deposits	60,000				60,000
1608-05	Sanitary Landfill Fees Based on Tonnage of 155,000					5,516,450
	Commercial/Industrial \$47/ton x 35% x 155,000 ton	2,549,750				
	Municipal \$18/ton x 31% x 155,000 ton	864,900				
	Construction Demolition Debris \$42/ton x 22% x 155,000 ton	1,432,200				
	Municipal Sludge \$36/ton x 12% x 155,000	669,600				
1608-08	Tire Charges/Reimbursement \$80/ton x 1,500 ton of tires delivered 150,000 tires x 100 tires/ton= 1,500 ton	120,000				120,000
Subtotal					5,696,450	

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2016-2017 BUDGET INFORMATION - REVENUES

DEPARTMENT	LANDFILL	SOURCES OF FUNDS			DEPARTMENT CODE	12-4204
REVENUE LINE ITEM	FUNDING SOURCES	SVC-GENERATED/ OTHER REVENUE	STATE	FEDERAL	PROVIDED FROM LOCAL SOURCES	TOTAL
1608-11	E-Cycle Collections Fees collected for the collection of electronics & unacceptable waste paid by haulers	66,000				66,000
1608-12	Greenhouse Gas Credits Generated from the sale of environmental attributes from combustion of landfill gas	10,000				10,000
1608-13	Gas to Energy \$35.27/mwh x 1.5mwh/hr x 80% x 8760hrs	370,758				370,758
1904-01	Recycling Recycling of scrap metal including wheels, batteries and oil	70,000				70,000
1608-14	Renewable Energy Credit 1.5 x 8,760 x 80% x \$11.06	116,262				116,262
1899-02	Rubble/ Concrete/Rock \$12/ton x 5,000 ton	60,000				60,000
					Subtotal	693,020
					TOTAL	\$6,389,470

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-1003	Part Time Help / Convenience Center Staffing Required extra help necessary for mowing, litter control, tire grinding and convenience center staffing. 5 people x 30 hr/week x \$10/hr x 52 weeks		78,000
12-4204-1005	Overtime / Holiday Work Overtime = 1716 hours/yr X \$28/hr = \$48,048 Holiday work = 550 hours/yr X \$28/hr = \$15,400	48,048 15,400	63,448
12-4204-3001-00	Professional Health Services Hepatitis B vaccinations for new hires		1,000
12-4204-3002-00	Professional Services 1. Surveying-Marsh & Legge 2. Environmental Monitoring, Sampling and CQA 3. Northern Shenandoah Valley Regional Commission 4. Gas Management Design Services-SCS Engineers 5. Leachate Treatment/Management Professional Services	50,000 200,000 20,000 150,000 20,000	440,000
		Subtotal	582,448

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-3002-01	State Permit Fees Title V Annual permit fee Solid Waste permit #40 Solid Waste permit #591 Solid Waste permit #529, \$.14 X 120,000 tons of MSW Waste	17,000 2,500 5,000 16,800	41,300
12-4204-3003-00	Temporary Labor Services		0
12-4204-3004-01	Repair and Maintenance - Equipment Repairs that need to be made to equipment because of inadequate facilities or tools that prevent landfill heavy equipment mechanic from performing work. i.e., repair of flat tires on dump truck, engine overhauls or transmissions		150,000
12-4204-3004-02	Repair and Maintenance - Vehicles This figure reflects the amount for installation of new tires and miscellaneous repairs and maintenance of vehicles that landfill heavy equipment mechanic cannot perform.		12,000
12-4204-3004-03	Repair and Maintenance - Buildings and Grounds This figure reflects the anticipated work related to maintenance for electrical service and fencing, litter fence and upkeep		25,000
		Subtotal	228,300

2016-2017 BUDGET INFORMATION - EXPENDITURES

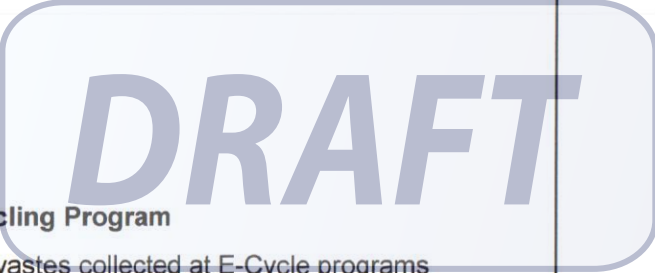
DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-3004-04	Repair and Maintenance - Generators (Gas to Energy) This figure represents repairs to be made to generators and ancillary equipment by others.		120,000
12-4204-3005-00	Maintenance Service Contracts PraxAir \$300/month X 12 (Tank & welding contract since all work is performed in house) Scale maintenance: Calibrate scales 2 X year @ \$2,125 each Fire X \$6,000 X 2 Events (Service on fire suppression systems on heavy equipment) OSHA Certification on overhead crane and forklift	3,600 4,250 12,000 2,500	22,350
12-4204-3005-01	Generator Oil Samples Annual Subscription for weekly sampling		6,500
12-4204-3007-00	Advertising Includes ads for Household Hazardous Waste Collections, E-Cycle, Holiday closings and other special events.		2,000
		Subtotal	150,850

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-3010-00	Other Contractual Services Rags / Rug Rentals \$750/month X 12 Water Coolers 5 gallon water containers 10- per week X \$6.00 each X 52 weeks Leachate Treatment Costs for monitoring, testing and maintaining leachate system (includes laboratory testing) \$800/week X 52 weeks Brush Grinding Private contractor to grind brush (two times/year) Assume 6,000 tons x \$15/ton= \$90,000 Household Hazardous Waste Costs for Environmental Company to Package and Remove these special wastes. Estimate \$10,000 / month Wastewater Disposal Fees Leachate pumped to Opequon Water Reclamation Facility, Based on 22,000,000 gal/year X \$5.00/1000 gal Septage Pump and Haul \$300/month X 12 Rock Crushing Aggregate *Separate approximately 5,000 tons concrete@ \$12/crushed ton	9,000 3,120 41,600 90,000 120,000 110,000 3,600 60,000	437,320
	Subtotal		437,320

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-3010-01	Tire Grinding - Local Tires Costs related to grinding tires by the Northern Shenandoah Planning Commission. Cost is offset by equal revenue reimbursement		120,000
12-4204-3010-03	Regional Electronics Recycling Program Costs related to disposal of wastes collected at E-Cycle programs Estimate \$5,500/month x 12 months= \$66,000		66,000
12-4204-5101-00	Electrical Services Based on previous year average + 10% increase		40,000
12-4204-5101-01	Electrical Services - Interconnection Fees Fees paid to Rappahannock Electric Cooperative for use of power lines to transport power from GTE plant to utility substation.		26,000
12-4204-5102-00	Heating Services (LP) Based on using LP gas rather than landfill gas		8,000
		Subtotal	260,000



2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-5204-00	Postage and Telephone		18,060
	AT&T \$21/month X 12 X 5	1,260	
	Long Distance: \$100/month X 12	1,200	
	Two Way Radio Repeater Tower Rental \$175 X 12	2,100	
	Mobile Telephone	6,000	
	Average Monthly Charge \$50/month X 12 X 10		
	Internet Fees		
	\$75/month X 12 x 5 cellular modems	4,500	
	Postage	3,000	
	average \$250/ month x 12 months = \$3,000		
12-4204-5204-01	Postage and Shipping - Gas to Energy		5,000
	Oil Analysis shipping 52 weeks X \$30	1,560	
	Ship GEM for calibration 2 times/year	600	
	Overnight delivery for critical parts	2,840	
12-4204-5301-00	Boiler Insurance		750
	Air Compressors 3 X \$250		
12-4204-5302-00	Fire Insurance		15,000
		Subtotal	38,810



2015-2016 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-5305-00	Motor Vehicle Insurance		5,500
	1997 Chevy S-10 (Tag# 30-798L)	550	
	1998 GMC Sierra 4x4 (Tag# 37-169L)	550	
	1999 Ford 1 Ton (Litter Buggy, Tag# 37-747L)	550	
	2000 Dodge Van (Tag# 179-640L)	550	
	2002 Ford Explorer (Tag# 106-113L)	550	
	2006 Chevrolet Colorado (Tag# 130-750L)	550	
	2012 Ford F250 4x4 (Tag# 105-202L)	550	
	2012 Ford F250 4x4 (Tag# 152-325L)	550	
	2015 Ford F350 4x4 (Tag # 187-463L)	550	
	2016 Ford F250 4x4 (Currently on order)	550	
12-4204-5306	Surety Bonds	30	30
12-4204-5308-00	General Liability Insurance		6,500
12-4204-5401-00	Office Supplies Computer paper, disks, scale tickets, etc.		9,000
12-4204-5403-00	Agricultural Supplies Seed, fertilizer and mulch to establish vegetation on disturbed areas		20,000
12-4204-5404-00	Medical and Laboratory Supplies To replenish existing first aid kits (Based on historical use)		2,500
		Subtotal	43,530



2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-5405-00	Laundry and Janitorial Supplies average \$500/ month x 12 months = \$6,000		6,000
12-4204-5407-00	Repair and Maintenance - Buildings and Grounds Gravel, signs, road salt, etc. Based on previous year cost and projected in-house projects		25,000
12-4204-5408-00	Repair and Maintenance - Powered Equipment Parts: \$15,000/month X 12 months, recap rock truck tires		180,000
12-4204-5408-01	Tires and Miscellaneous (motor vehicles) For licensed vehicles (Based on average of previous years spending)		2,500
12-4204-5408-02	Fuels and Lubricants (Landfill) Gas: 200 gal/wk. X \$2.25 X 52 weeks Diesel: 2,000 gal/wk. X \$2.50 X 52 weeks Lubricants: engine oil, hydraulic fluids, grease Antifreeze: 220 gal/year X \$15.00	23,400 260,000 17,000 3,300	303,700
12-4204-5408-03	Generator Spare Parts - Gas to Energy costs associated with maintenance of generators and associated equipment, including air compressor, gas treatment skid, and flare Based on historical averages		150,000
		Subtotal	667,200

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-5408-04	Generator Lubricants - Gas to Energy 8 oil changes/yr. 220 gal X \$16/gal X 2 units Glycol 500 gal/yr. X \$10 Misc Bearing Grease and Lubricants	 56,320 5,000 1,500	62,820
12-4204-5410-00	Uniforms Gloves, Work Boots, etc. (20 people X \$350/person)		7,000
12-4204-5410-01	Safety Equipment Personal Protective Equipment including safety vests, respirators and other equipment		2,500
12-4204-5411-00	Books and Subscriptions Safety Films		1,500
12-4204-5413-00	Other Operating Supplies Includes miscellaneous specialty tools Based on 5 year average		8,000
12-4204-5413-01	Other Operating Supplies - Gas to Energy Specialty Tools required to perform maintenance Siloxane removal media \$1000/ton X 20 tons	 10,000 20,000	30,000
		Subtotal	111,820

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-5506-00	Travel / Training Required training for maintaining landfill certification. Ten people @ \$1000/ea. (Includes training costs, travel and per diem.)		10,000
12-4204-5506-01	Gas to Energy - Travel - Training Plant operator to attend Jenbacher training event and PJM certification training (2 operators @ \$2,500/class + travel expenses)		10,000
12-4204-5604-00	Payments to other Municipalities Distribution of recycling funds. Proportioned by Population Based on \$1/ton X 155,000 tons/year. Frederick County - 64.5% = \$99,975 Clarke County - 12.7% = \$19,685 Winchester - 22.8% = \$35,340	99,975 19,685 35,340	155,000
12-4204-5801-00	Dues and Memberships SWANA Membership (10 Members @ \$200/ea.)		2,000
12-4204-5806-01	Post Closure Financial Assurance Financial Assurance required by State DEQ Estimated amount based on formula that is specified by DEQ		320,000
12-4204-5810-00	Payment of Unemployment Claims Estimated Amount		10,000
		Subtotal	507,000

2016-2017 BUDGET INFORMATION - EXPENDITURES

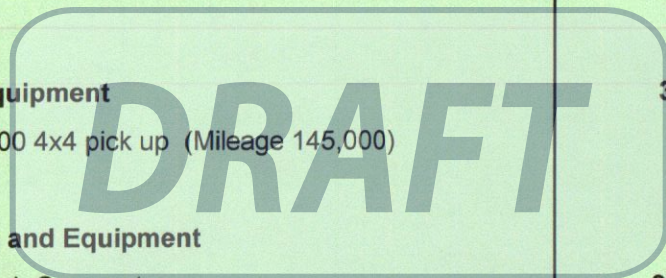
DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-8003-00	Communication Equipment Upgrade of onsite communication equipment including new radios and an onsite repeater		15,000
12-4204-8005-00	Motor Vehicles and Equipment Replace 1998 GMC 2500 4x4 pick up (Mileage 145,000)	35,000	35,000
12-4204-8006-00	Construction Vehicles and Equipment New Caterpillar 826 Trash Compactor GPS system for new trash compactor Used single axle truck to be used as a fuel truck	850,000 120,000 30,000	1,000,000
12-4204-8007-00	Integrated Technology Equipment (A.D.P.)		5,000
12-4204-8009-00	Miscellaneous (Landfill) New tools for shop		10,000
12-4204-8009-01	Miscellaneous Equipment - Generators (Gas to Energy) new specialty tools for gas plant		10,000
		Subtotal	1,075,000

2016-2017 BUDGET INFORMATION - EXPENDITURES

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-8900-00	Improvements Other Than		440,000
	Storm water improvements at outfall #2	250,000	
	Security Camera monitoring System	60,000	
	Gas Wellfield Expansion extend gas collection header and add additional horizontal collectors in active cell	100,000	
	Pole Shed Improvements install doors and concrete slab in 80' x40' pole building	30,000	
12-4204-9001-00	Lease/Rent Equipment		40,000
12-4204-9500-00	Depreciation of Equipment (Landfill)		500,000
12-4204-9500-01	Depreciation of Equipment - Generators (Gas to Energy)		75,000
		Subtotal	1,055,000
		Total Expenditures	6,990,921
		REVENUE	6,389,470
		From landfill reserve	601,451

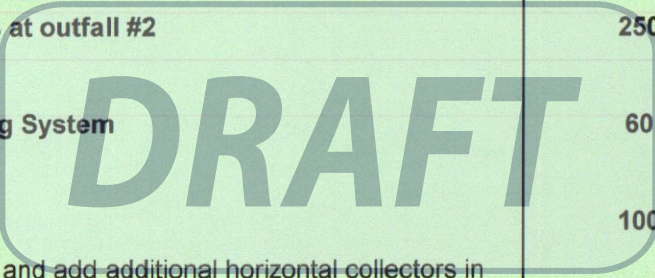
2016-2017 CAPITAL REQUESTS

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-8003-00	Communication Equipment Upgrade of onsite communication equipment including new radios and an onsite repeater		15,000
12-4204-8005-00	Motor Vehicles and Equipment Replace 1998 GMC 2500 4x4 pick up (Mileage 145,000)	35,000	35,000
12-4204-8006-00	Construction Vehicles and Equipment New Caterpillar 826 Trash Compactor	850,000	1,000,000
	GPS system for new trash compactor	120,000	
	Used single axle truck to be used as a fuel truck	30,000	
12-4204-8007-00	Integrated Technology Equipment (A.D.P.)		5,000
12-4204-8009-00	Miscellaneous (Landfill) New tools for shop		10,000
12-4204-8009-01	Miscellaneous Equipment - Generators (Gas to Energy) new specialty tools for gas plant		10,000
		Subtotal	1,075,000



2015-2016 CAPITAL REQUESTS

DEPARTMENT	LANDFILL	DEPARTMENT CODE	12-4204
EXPENDITURE LINE ITEM	DESCRIPTION	DETAIL AMOUNT	TOTAL AMOUNT (PER LINE ITEM)
12-4204-8900-00	Improvements Other Than		440,000
	Storm water improvements at outfall #2	250,000	
	Security Camera monitoring System	60,000	
	Gas Wellfield Expansion extend gas collection header and add additional horizontal collectors in active cell	100,000	
	Pole Shed Improvements install doors and concrete slab in 80' x40' pole building	30,000	
12-4204-9001-00	Lease/Rent Equipment		40,000
12-4204-9500-00	Depreciation of Equipment (Landfill)		500,000
12-4204-9500-01	Depreciation of Equipment - Generators (Gas to Energy)		75,000
		Subtotal	1,055,000
		Total	2,130,000



Future Projects at Landfill
(Based on projected waste disposal of 150,000-175,000 tons per year)



FY 15/16	10 Acre Closure @ CDD Landfill	\$2,000,000
FY 17/18	60,000 Generator Service	\$750,000
FY 19/20	Partial Closure - MSW (10 Acre)	\$2,000,000
FY 20/21	New (1) Megawatt Generator	\$1,500,000
FY 20/21	Upgrade Power line to Substation	\$1,500,000
	Future Cell Development	
FY 20/21	Rough Grading and Rock Crushing	\$6,000,000
FY 21/22	Leachate Stone 50,000 ton @\$25/ton	<u>\$1,250,000</u>
	Total	\$15,000,000