THEODORE J. VONK
Chairman

GARY ROLLS
Vice Chairman

WILLIAM BYL
Secretary

DAVID GROENLEER
DAN KOORNDYK
SHANA SHROLL
RICHARD VANDER MOLEN

DOUGLAS G.WOOD
Director

Board of Public Works

AGENDA

June 7, 2012
8:00 AM

Earl G. Woodworth Building
Meeting Room Chambers
1500 Scribner Avenue NW
Grand Rapids, Michigan 49504

I. Call to Order

II. Public Comment

III. Review and Approval of Minutes

IV. Administration

- A. Presentation of 2011 Audit Reports
- B. 2013 Budget Presentation

V. Solid Waste Operations

- A. 451 Plan
  1. Solid Waste Plan Amendment/Comment Period Extension
- B. Resource Recovery
  1. 2012 Community Pollution Prevention Grant Program

VI. Waste-to-Energy Facility

- A. Purchase of Closed Top, Live Floor, Compactor, Transfer Semi-Trailers

VII. Conference/Education Travels

- A. WASTECON 2012

VIII. Approval of Monetary Outlays

IX. Director's Report

- A. Sparta Landfill Property Acquisitions
- B. Legislation Update
- C. 10 Mile Road Property Acquisitions
- D. WTE Contracts, Delivery Agreements and Excess Waste

X. Miscellaneous

XI. Adjournment

Earl G. Woodworth Building • 1500 Scribner Avenue, N.W. • Grand Rapids, Michigan 49504-3233
Telephone: (616) 336-3694 • Facsimile: (616) 336-3338 • E-Mail address: kcdpw@kentcountymi.gov

MEETING DATE: **June 7, 2012**

AGENDA ITEM#: IV – A

BOARD OF PUBLIC WORKS ACTION REQUEST

SUBJECT: Presentation of 2011 Audit Report

DIVISION: Administration

PREPARED BY: Daniel M. Kendall

ACTION REQUESTED:

None

SUMMARY OF REQUEST:

Rhemann staff will present the 2011 Audited Financial Statements of the Department. A copy is enclosed for your review. There will be a SAS 61 letter from the auditors that conveys information on their procedures and results. We do not expect to have any significant issues with the audit.

If you do not wish to keep your copy of the audit please return it at the meeting.

ATTACHMENTS:

2011 Audit Report

GOVERNING/ADVISORY BOARD APPROVAL DATE June 7, 2012

DEPARTMENT DIRECTOR: Douglas A. Wood

MEETING DATE: **June 7, 2012**

AGENDA ITEM#: IV – B

BOARD OF PUBLIC WORKS ACTION REQUEST

SUBJECT: 2013 Division Budgets

DIVISION: Administration

PREPARED BY: Daniel M. Kendall

ACTION REQUESTED:

Review and Approval of Department Division Budgets for 2013

SUMMARY OF REQUEST:

Included for your review are the various Department Budgets for 2013. There is a summary for the Administration Fund budget and detail for the Waste-to-Energy and Solid Waste budgets. Staff will be present at the meeting to answer any questions. Each area will have a separate motion for approval.

The attached Department of Public Works Director's 2013 Budget Message discusses changes in and highlights of the 2013 Budgets.

Administrative/Debt Service Fund

Debt Service Fund budgets are based on the debt schedules for the corresponding bonds. There are no known construction projects for 2013; therefore there is not a budget request. If a project surfaces, we will request an amendment to the budget through normal procedures.

Suggested Motion:

It was moved by _____ and seconded by _____ to approve the 2013 Budgets for the Administration Fund and Debt Service Funds for submittal to the County Administration.

Solid Waste Fund

The 2013 Solid Waste Fund Budget for review and approval by the Board is attached. The resulting budget reflects maintaining the overall landfill disposal fee of $35 (includes $.50 environmental & safety charge)/ ton. The final rate will be before the Board at the October meeting for consideration. The budget that is sent to Fiscal Services is based on this rate study and adjusted for debt services payments, depreciation and capital improvements.

Suggested Motion:

It was moved by _____ and seconded by _____ to approve the 2013 Budget for the Solid Waste Fund for submittal to the County Administration as adjusted.

Waste To Energy (WTE) Facility

Staff prepared a Rate Study for the Waste-to-Energy (WTE) Facility that is included in the mailing packet. Also included in the packet is a Memorandum summarizing budget changes and a History of WTE disposal rates. Staff will review the Rate Study at the meeting. The Rate Study was presented to the WTE Advisory Committee at their April meeting. The Advisory Committee recommended approval of the Rate Study to

the BPW. The Rate Study projects continuing the disposal fee $45.00 per ton for 2013. The final 2013 disposal fee is subject to adjustment and will be presented to the Board in October. The budget that is sent to Fiscal Services is based on this Rate Study and adjusted for depreciation and capital improvements.

Suggested Motion:

It was moved by _____ and supported by _____ to approve the 2013 WTE Rate Study and authorize the Director to submit the 2013 WTE Budget to County Administration as adjusted.

ATTACHMENTS:

Department of Public Works Director's 2013 Budget Message
Budget, Goals and Objectives for each Division

GOVERNING/ADVISORY BOARD APPROVAL DATE June 7, 2012

DEPARTMENT DIRECTOR: Douglas A. Wood

Department of Public Works
Director's 2013 Budget Message

The overall goal of the Department's 2013 budget was to not increase rates for the Solid Waste Fund and Waste-to-Energy Fund. The Utility Services Fund is deleted from the Department budget due to the transfer. The 2012 budget does include a 1 % salary increase for management pay plan and union employees. Following are highlights on all Funds.

Administration Division Fund

The Administration Fund revenues flow from the operation funds. It is essentially a management cost center for the Department and includes the Department Director, office support staff and the Accounting and Finance Division.

Debt Service Retirement

The only outstanding external debt service is for the City of Wyoming Lake Michigan Transfer Line. This debt is on schedule to be fully paid in 2015.

Solid Waste Division Fund

The Solid Waste Fund has nine organization centers: South Kent Landfill (SKL), North Kent Transfer Station (NKTS), Material Recovery Facility (MRF), Gas to Energy (GtE), Resource Recovery/Household Hazardous Waste (RR/HHW), Act 451 Plan (Act 451), North Kent Landfill (NKL) Sparta Landfill (SPL) and Kentwood Landfill (KWL). Of these centers only the first four generate revenue to support their operations. Operations of the remaining cost centers and their programs: Resource Recovery/Household Hazardous Waste, PA 451 Plan and Closed Landfills do not receive revenues and are all supported from the disposal fee.

Revenues for SKL, NKTS, MRF and GtE total $9,441,250. Under operating expenses one-third, $3,276,340 is for salaries and benefits. The balance, $6,164,910 is operating expenses for all cost centers and non-operating income and expense.

The 2010-2012 disposal rate for SKL and NKTS was $35.00/ton plus $0.36 returned to the State. The 2012 budget proposes no disposal rate increase.

Following is an overview how this is accomplished.

1. **South Kent Landfill**

South Kent Landfill experienced a net loss in 2011 of $230,118. Reasons for the loss are: 1) Projected 2011 revenues were $821,126 under budget; 2) Operating expenses were approximately $228,286 above projections; 3) Total non-operating income was $134,382 under budget; and 4) Capital expenditure compared to depreciation was $282,986 under budget. The bulk of the loss was projected tonnage that was not received.

2. **North Kent Transfer Station**

The transfer station in 2011 realized a $267,368 net income above projected budgeted income due to increased sales.

3. **Gas-to-Energy Facility**

This cost center presently generates excess revenues in the short-term. Generally, revenues received for electric sales are used to offset capital expenses for the portion of the facility owned by the County. The balance of revenues from the sale of renewable energy credits and/or of carbon credits will be used to assist in offsetting any revenue shortfalls from all other cost centers.

4. **Material Recovery Facility**

2011 was the first full year of operation of the single stream recycling facility. Though operation expenses were higher than projected for the year throughput was also significantly higher. Further the operation continues to experience increases in throughput in early 2012. In 2011, the operation realized a net income of $816,014.

5. **Resource Recovery/Household Hazardous Waste Programs**

A Resource Recovery Programs Manager remains unfilled but is budgeted in 2013. This is a new management pay plan position for the resource recovery programs and services that include: public education and tours, WM Take Back Meds, Household Hazardous Waste and proposed sharps recovery program, and planning.

Projected 2013 expenses for these programs are $422,250. These expenses are offset by $202,500 from the Waste-to-energy Division budget, $2,500 miscellaneous income leaving a net cost of $217,250. These funds are collected in the landfill and transfer station tipping fee.

6. **Closed Landfills**

Overall, closed landfills are the remaining expenditure that in the long-term will be a costly liability. The Department is developing plans toward the objective of reducing long-term cost liability. These plans will require implementation of strategies that will be new to the County.

Waste-to- Energy Division Fund

The Waste-to-Energy Advisory Committee reviewed and approved the 2013 Rate Study resulting in a disposal fee of $45.00.

This fund is contributing $202,500 to the Resource Recovery and Household Hazardous Waste Programs.

Staff will provide an overview of other specific budget revisions.

KENT COUNTY
DEPARTMENT OF PUBLIC WORKS
ADMINISTRATION FUND - 513
2013 OPERATING BUDGET

	Proposed 2013 Budget	Adopted 2012 Budget	2011 Actual	2010 Actual
Operating Revenues				
Intra County Sales	862,200	960,000	702,125	699,319
Total Revenues	862,200	960,000	702,125	699,319
Costs				
Salaries and Wages	470,000	579,800	437,402	429,822
Fringe Benefits	142,900	204,500	132,515	120,929
Printing & Binding	1,300	1,000	1,926	896
Postage	500	500	421	241
Office and Data Processing Supplies	13,200	14,000	11,476	10,427
Uniforms & Access	2,000	2,000	3,879	1,867
Supplies	600	700	136	305
Consultants	3,000	3,000	0	0
Auditing	3,500	3,500	2,974	2,903
Legal	1,000	1,000	0	0
Memberships & Subs	3,000	3,000	2,127	2,838
Telephone / Computer Line	11,000	12,000	8,199	8,643
Travel	13,000	12,800	6,722	11,415
Gas, Oil, Grease,Anti-Freeze	4,000	4,000	2,988	3,345
Repairs & Maintenance	4,400	4,400	281	2,588
Rental-Buildings	97,000	60,000	58,178	58,178
Miscellaneous, Empl. Training, Recog.	1,800	1,800	834	0
Insurance	6,000	6,000	3,479	5,563
Depr,Depl & Amortization	16,000	15,000	15,762	13,506
Office Equip & Furniture	8,000	8,000	3,387	3,085
Contingency	25,000	25,000	0	0
Cost Allocation	45,000	53,000	35,664	43,500
Total Costs	872,200	1,015,000	728,350	720,051
Operating Income	(10,000)	(55,000)	(26,225)	(20,732)
Other Income (Expense)				
Interest Income (Exp)	10,000	55,000	26,225	12,989
Sale of Fixed Assets	0	0	0	6,104
Total Other Income (Expense)	10,000	55,000	26,225	19,093
Net Income (Loss)	0	0	0	(1,639)

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
DEBT SERVICE FUND BUDGET

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
DEBT SERVICE FUND BUDGET

2013

FUND NAME FUND NUMBER	FINAL PAYMENT	PRINCIPAL	INTEREST	FEES*	NET REQUIREMENTS
LAKE MICHIGAN WATER TRANSFER LINE 365-60	2015	580,000.00	72,800.00	1,575.00	$ 654,375.00
TOTAL		**$ 580,000.00**	**$ 72,800.00**	**$1,575.00**	**$ 654,375.00**

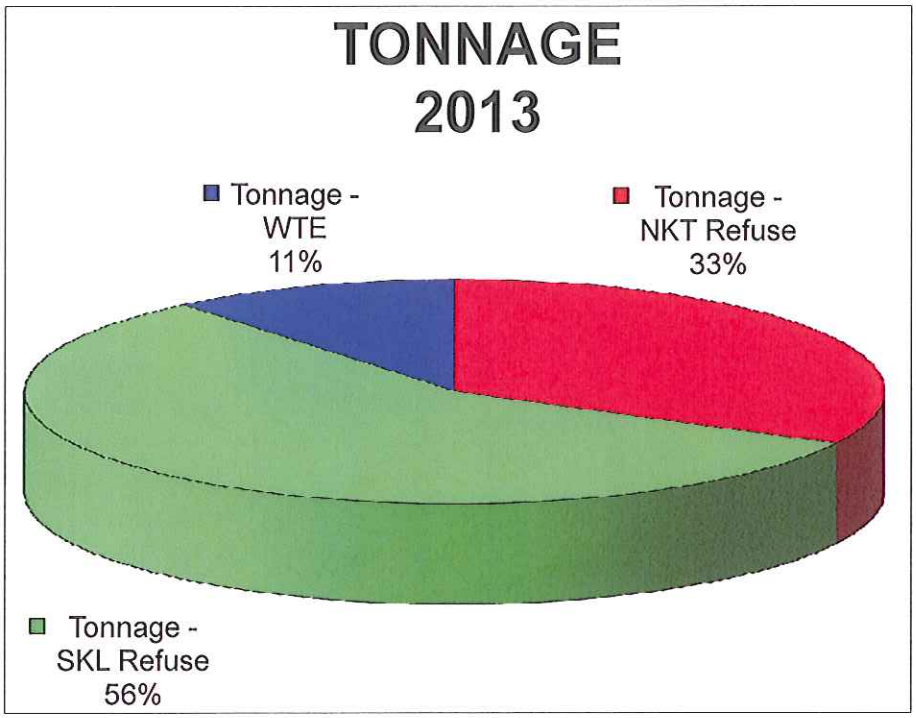
*Fees include Audit and Central Service Estimate

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE FUND
2013 BUDGET
COMBINED

	COMBINED 2013 BUDGET
OPERATING REVENUES	
MRF	$2,600,000
Gas to Energy	328,000
NKT	2,100,000
SKL	4,413,250
TOTAL SALES	**9,441,250**
Perpetual Care	229,125
NET OPERATING REVENUES	**9,212,125**
OPERATING EXPENSES:	
Total Salary & Wages	2,255,100
Total S&W Fringe	1,021,240
Total Payroll Expense	**3,276,340**
Total Other Expenses	**5,328,257**
TOTAL OPERATING EXPENSES	**8,604,597**
OPERATING INCOME (LOSS)	**607,528**
TOTAL CAPITAL EXPENDITURES	**1,508,800**
TOTAL NON-OPERATING INCOME	**1,801,903**
TOTAL NON-OPERATING EXPENSE	**900,631**
NET INCOME (LOSS)	**$0**

County of Kent
Refuse Disposal System

	2013 Budget	2012 Revised	2012 Budget	2011 Actual	2010 Actual	2009 Actual
Tonnage - NKT Refuse	60,000	55,000	55,000	60,228	62,131	57,383
Tonnage - SKL Refuse	103,300	107,000	116,000	103,255	110,287	105,437
Tonnage - WTE	20,000	20,000	20,000	20,046	21,466	20,400
TONS	183,300	182,000	191,000	183,529	193,884	183,220



County of Kent
Solid Waste Disposal

			BUDGET 2013
Total Solid Waste Expenses			11,243,153
Non-Operating Income			1,801,903
MRF Sales			2,600,000
Gas to Energy Sales			328,000
Expenses needed to be covered with rate			**6,513,250**
	Tons	**Rate**	**Revenue**
Charity	1,300	$29.00	37,700
Sludge	12,000	$18.50	222,000
Demolition	30,000	$32.00	960,000
Ash	42,500	$9.26	393,550
WTE Reject & Transfer	20,000	$35.00	700,000
General Refuse - SKL & NKT	120,000	$35.00	4,200,000
			6,513,250
Net Income/Loss			**0**

Non-Operating Income		
Interest		242,023
Rent/Scrap Income		40,000
Miscellaneous		
- Perpetual Care Reimbursement		626,402
- Hauling - Recyclables		100,000
- From Accrued Liability - County		381,022
- From Accrued Liability - Kentwood Share		182,456
Rent - Tower		25,000
Electronics		2,500
Contribution from WTE		202,500
Total Misc Income		**1,801,903**

	Budget 2013	**Non-Operating Income**	**Other Sales**	**WTE Ash**	**Net Expenses Cover w/Rate**	
Landfill Operating Budget						
NKT	1,363,100				1,363,100	$7.44
SKL	4,934,279	225,500		393,550	4,315,229	$23.54
MRF	2,359,731		2,600,000		(240,269)	($1.31)
RR (Public Education) HHW	422,250	205,000			217,250	$1.19
Gas to Energy	211,775	10,000	328,000		(126,225)	($0.69)
Act 451	47,270				47,270	$0.26
NKL	232,290	232,290			0	$0.00
Sparta	134,055	134,055			0	$0.00
Kentwood	912,278	912,278			0	$0.00
Perpetual Care	229,125				229,125	$1.25
GASB18 Prior Year Activity	397,000	82,780			314,220	$1.71
	11,243,153	1,801,903	2,928,000	393,550	6,119,700	$33.39
Total Budgeted Tons	183,300					

	Tons	**Amount Discounted**			
Charity	1,300	$6.00	7,800		
Sludge	12,000	$16.50	198,000		
Demolition	30,000	$3.00	90,000		
			295,800	295,800	$1.61
Rate					$35.00

WASTE TO ENERGY OPERATIONS
RATE STUDY SUMMARY

	TASK #	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
REVENUES:					
ELECTRIC REVENUE	2	$8,481,407	$8,265,916	$8,660,955	$8,698,231
INTEREST INCOME	4	127,225	112,500	85,134	117,814
MISCELLANEOUS INCOME	5	330,000	350,000	690,295	586,592
RATE STABILIZATION DRAWDOWN	6	0	0	0	1,698,132
TOTAL REVENUE	8	$8,938,632	$8,728,416	$9,436,383	$11,100,769
EXPENSES:					
CAPITAL IMPROVEMENT PLAN	12	425,000	1,281,950	2,070,000	600,000
REPAIR AND MAINTENANCE	14	183,500	185,200	194,461	137,189
COVANTA:					
OPERATION & MAINTENANCE	15	7,350,794	7,082,270	6,807,825	6,528,067
ELECTRIC PAYMENT	17	5,947,722	5,600,219	5,473,360	5,492,313
RESIDUE ASH DISPOSAL	19	574,600	441,150	536,067	421,261
TRANSFER WASTE	20	1,645,105	1,676,849	1,933,115	1,752,020
DEBT SERVICE	22	0	0	0	10,641,525
RATE STABILIZATION/OPERATING RES	23	445,000	0	0	0
DIRECT COSTS	25	1,360,550	1,393,250	1,185,657	1,721,870
RESOURCE RECOVERY PROGRAMS	26	202,500	208,000	0	0
UTILITIES AND INSURANCE	27	817,000	871,000	566,188	594,173
TOTAL EXPENSES	29	18,951,771	18,739,888	18,766,673	27,888,418
EXPENSES TO BE RECOVERED BY TIPPING FEE	30	$10,013,139	$10,011,472	$10,896,249	$16,787,649
ESTIMATED TONNAGE					
WASTE RECEIVED	20	222,500	222,500	229,827	229,069
REJECT AND TRANSFER WASTE	20	35,500	35,500	45,059	40,226
ACTUAL TONS WASTE PROCESSED	20	187,000	187,000	185,905	188,686
TIPPING FEE-PER TON OF WASTE RECEIVED WITH RATE STABILIZATION USED	31	$45.00	$45.00	$40.59	$79.73

KENT COUNTY
DEPARTMENT OF PUBLIC WORKS
ADMINISTRATION FUND - 513
2013 OPERATING BUDGET

	Proposed 2013 Budget	Adopted 2012 Budget	2011 Actual	2010 Actual
Operating Revenues				
Intra County Sales	862,200	960,000	702,125	699,319
Total Revenues	862,200	960,000	702,125	699,319
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Postage	500	500	421	241
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Net Income (Loss)	0	0	0	(1,639)

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
DEBT SERVICE FUND BUDGET

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
DEBT SERVICE FUND BUDGET

2013

FUND NAME FUND NUMBER	FINAL PAYMENT	PRINCIPAL	INTEREST	FEES*	NET REQUIREMENTS
LAKE MICHIGAN WATER TRANSFER LINE 365-60	2015	580,000.00	72,800.00	1,575.00	$ 654,375.00
TOTAL		**$ 580,000.00**	**$ 72,800.00**	**$1,575.00**	**$ 654,375.00**

*Fees include Audit and Central Service Estimate

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
2013 BUDGET OVERVIEW

The Solid Waste Division is recommending no change in the 2013 general disposal rate. Other rates for minimum charges and sludge will increase. Payroll expenses are increased slightly for union and MPP employees. FICA, workers compensation, retirement, retiree health and life insurance are based on these costs. Administration Cost has increased in all orgs of the Solid Waste Fund. Following is a brief overview of budget revisions and adjustments by each center of operation.

North Kent Transfer Station-566

Expenses for 2013 are expected to be lower due to a decrease in the transfer of recyclables to the MRF. Recyclables will be transferred in semi-trailers instead of roll-off containers. The budgeted tonnage is increased by 5,000 tons over 2012 Budget.

South Kent Landfill-562

Expenses for 2013 are expected to remain relatively the same as in 2012. The budgeted tonnage is expected to remain the same.

Landfill Gas to Energy-561

Gas to Energy operations for 2013 has expenditures comparable to the 2012. In 2013 the revenue for sale of green house gas credits were not incorporated into the budget. The sale of carbon credits is uncertain at this time. Depreciation expense is in the budget for 2013 as a means to collect the money spent on the project that was never shown in a budget as a Capital Expenditure.

Material Recovery Facility-565

2013 Revenues are expected to be nearly the same as is in 2012. Expenses are slightly lower due to retirements. The breakeven point of this operation after debt service is becoming more attainable sooner than expected.

Resource Recovery/Household Hazardous-440

Operating expenses are expected to remain nearly the same as in 2012.

Act 451 Plan

This budget has remained consistent with 2012.

Closed Landfills

North Kent Landfill-560

Total overall expenses for 2013 are expected to remain the same as 2012. Wages are down due to reallocation of resources. Operating expenses have increased in the leachate collection/disposal needs. Funds for the North Kent Landfill come from the perpetual care reserve and thus do not affect the landfill disposal rates.

Sparta Landfill-567

This operation is funded from the perpetual care reserve. Therefore, it does not affect the disposal rate. Overall, operating expenses remained the approximately the same as 2012. The site presently is in a general maintenance mode. Groundwater and surface water will continue to be monitored, gas movement monitored and minor site repair and maintenance performed.

Kentwood Landfill-568

Expenditures for 2013 are approximately $40,000 more then 2012. A large majority of the increase is due to the estimated increase in MDEQ costs, approximately $20,000, for monitoring the site and the additional overtime cost, approximately $20,000 to have personnel on 24 hour call. In the past this was completed Utility Services.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE FUND
2013 BUDGET
COMBINED

	COMBINED 2013 BUDGET
OPERATING REVENUES	
MRF	$2,600,000
Gas to Energy	328,000
NKT	2,100,000
SKL	4,413,250
TOTAL SALES	**9,441,250**
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Total Other Expenses	**5,328,257**
TOTAL OPERATING EXPENSES	**8,604,597**
OPERATING INCOME (LOSS)	**607,528**
TOTAL CAPITAL EXPENDITURES	**1,508,800**
TOTAL NON-OPERATING INCOME	**1,801,903**
TOTAL NON-OPERATING EXPENSE	**900,631**
NET INCOME (LOSS)	**$0**

County of Kent
Solid Waste Disposal

	BUDGET 2013
Total Solid Waste Expenses	11,243,153
Non-Operating Income	1,801,903
MRF Sales	2,600,000
Gas to Energy Sales	328,000
Expenses needed to be covered with rate	**6,513,250**

	Tons	Rate	Revenue
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			6,513,250
Net Income/Loss			**0**

Non-Operating Income	
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Miscellaneous	
- Perpetual Care Reimbursement	626,402
- Hauling - Recyclables	100,000
- From Accrued Liability - County	381,022
- From Accrued Liability - Kentwood Share	182,456
Rent - Tower	25,000
Electronics	2,500
Contribution from WTE	202,500
Total Misc Income	**1,801,903**

	Budget 2013	Non-Operating Income	Other Sales	WTE Ash	Net Expenses Cover w/Rate	
Landfill Operating Budget						
NKT	1,363,100				1,363,100	$7.44
SKL	4,934,279	225,500		393,550	4,315,229	$23.54
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Gas to Energy	211,775	10,000	328,000		(126,225)	($0.69)
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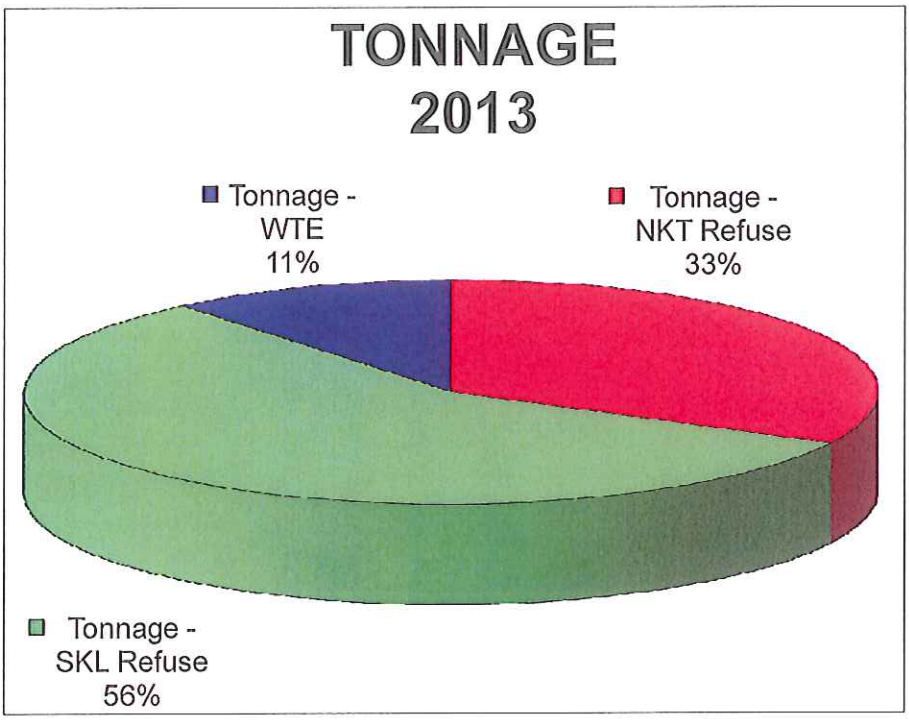
Total Budgeted Tons	183,300					

	Tons	Amount Discounted				
Charity	1,300	$6.00	7,800			
Sludge	12,000	$16.50	198,000			
Demolition	30,000	$3.00	90,000			
			295,800		295,800	$1.61
Rate						$35.00

County of Kent
Refuse Disposal System

	2013 Budget	2012 Revised	2012 Budget	2011 Actual	2010 Actual	2009 Actual
Tonnage - NKT Refuse	60,000	55,000	55,000	60,228	62,131	57,383
Tonnage - SKL Refuse	103,300	107,000	116,000	103,255	110,287	105,437
Tonnage - WTE	20,000	20,000	20,000	20,046	21,466	20,400
TONS	183,300	182,000	191,000	183,529	193,884	183,220



KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE FUND
2013 BUDGET
SOLID WASTE ACTIVITY

DESCRIPTION	NORTH KENT TRANSFER STATION	SOUTH KENT LANDFILL	GASB18
OPERATING REVENUES			
Sales-Ash	$0	$393,550	-
Sales	2,100,000	4,019,700	-
TOTAL SALES	**2,100,000**	**4,413,250**	-
Perpetual Care	75,000	154,125	-
NET OPERATING REVENUES	**2,025,000**	**4,259,125**	-
OPERATING EXPENSES:			
Total Salary & Wages	346,100	938,300	-
Total S&W Fringe	171,000	472,400	-
Total Payroll Expense	**517,100**	**1,410,700**	-
Other Admin Costs & Operating Expenses:			
Printing & Postage	200	1,850	-
Uniforms & Accessories	2,800	6,750	-
Other Supplies	9,100	21,250	-
Consultants	2,000	8,000	-
Administration	42,750	141,850	-
Professional Fees; Auditing, Legal, Membership, Lab	-	39,500	-
Other Contractual Service and Disposal Fees	12,500	26,500	-
Telephone,Travel, Advertising,	3,250	24,250	-
Freight	515,000	750	-
Gas, Oil, Grease & Antifreeze	33,000	265,000	-
Utilities	35,000	30,000	-
Rep & Maint-Grounds-Site,Bld,Vehicle	26,000	487,400	-
Rep & Maint-Equipment	117,000	120,000	-
Rental Landfill, Office	-	121,000	-
Surcharge, Contingency, Office Equip, Training	-	77,529	-
Insurance & Bonds	5,300	37,050	-
Landfill Cell Closure(GASB18), Environmental Fees	-	561,400	397,000
Cost Allocation County Central Services	42,100	127,500	-
Total Other Expenses	**846,000**	**2,097,579**	**397,000**
TOTAL OPERATING EXPENSES	**1,363,100**	**3,508,279**	**397,000**
TOTAL CAPITAL EXPENDITURES	**-**	**1,426,000**	**-**
TOTAL NON-OPERATING INCOME	**-**	**225,500**	**82,780**
NET INCOME (LOSS)	**$661,900**	**($449,654)**	**($314,220)**
Tonnage WTE Ash	**-**	**42,500**	
Tonnage - Refuse	**60,000**	**60,000**	
Tonnage - Sludge		**12,000**	
Tonnage - Charities		**1,300**	
Tonnage - Demolition		**30,000**	
Tonnage - WTE Reject	**-**	**5,500**	
Tonnage - WTE Transfer	**-**	**14,500**	
TOTAL	**60,000**	**165,800**	

DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
2013
GOALS AND OBJECTIVES

NORTH KENT TRANSFER STATION

Goal 1: **Operate transfer station facility following MDEQ permit requirements.**

Objective: Provide personnel with direction and goals to adequately operate the transfer station within the guidelines set forth in the MDEQ permit.

Measurement: No MDEQ non-compliance reports and inspections.

Goal 2: **Operate the transfer station in an efficient, economical and environmentally safe manner.**

Objective: Provide customers with adequate service and ensure good community relations.

Measurement: Track complaints from customers and respond in a timely manner.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
NORTH KENT TRANSFER STATION-566
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
OPERATING REVENUES					
Sales	$2,100,000	$1,925,000	$1,925,000	$2,252,881	$2,301,571
TOTAL SALES	**2,100,000**	**1,925,000**	**1,925,000**	**2,252,881**	**2,301,571**
Less Perpetual Care	75,000	65,000	65,000	72,981	70,382
NET OPERATING REVENUES	**2,025,000**	**1,860,000**	**1,860,000**	**2,179,900**	**2,231,189**
OPERATING EXPENSES:					
Salaries & Wages:	346,100	360,000	362,100	356,524	323,526
Total Salary & Wages	**346,100**	**360,000**	**362,100**	**356,524**	**323,526**
Overtime	21,300	23,600	23,700	24,451	25,653
FICA	28,100	29,300	29,500	27,931	25,626
Group Insurance	77,000	96,500	97,600	80,830	76,049
County Retirement Program	34,200	35,700	35,900	32,215	23,885
Workers Compensation Ins.	800	2,000	2,000	926	402
Retiree Health	8,100	8,800	8,900	8,068	7,533
Unemployment Compensation	1,500	1,500	1,500	0	0
Total S&W Fringe	**171,000**	**197,400**	**199,100**	**174,420**	**159,148**
Total Payroll Expense	**517,100**	**557,400**	**561,200**	**530,944**	**482,674**
Other Admin Costs & Operating Expenses:					
Printing & Binding	100	100	100	-	4
Postage	100	100	100	27	70
Office Supplies	1,500	1,500	1,500	2,809	155
Data Processing Supplies	1,000	1,000	1,000	810	1,649
Uniforms & Accessories	2,800	3,000	3,000	1,636	2,622
Medical & Safety Supplies	2,500	3,000	3,000	1,822	3,130
Fire Fighting Supplies	500	500	500	423	350
Other Supplies-Small Tools	2,000	1,000	1,000	2,401	968
Janitorial Supplies	1,600	1,500	1,500	1,389	985
Other Supplies	0	0	0	29	45
Consultants	2,000	2,000	2,000	2,286	9,304
Administration	42,750	48,000	48,000	32,310	30,512
Other Contractual Service	12,500	12,500	12,500	9,272	9,433
Telephone	3,000	3,750	3,750	2,318	600
Recycle to MRF	40,000	50,000	100,000	120,600	118,665
Outbound Trash	475,000	500,000	450,000	462,478	444,474
Gas, Oil, Grease & Antifreeze	33,000	30,000	30,000	31,553	21,991
Advertising	250	500	500	0	0
Utilities	35,000	40,000	40,000	30,142	30,602
Rep & Maint-Grounds-Site	3,000	2,500	2,500	3,061	70
Road Maint	5,000	5,000	5,000	14,849	1,795
Surface Drainage & Lawn Care	3,000	2,500	2,500	3,273	1,500
Litter Control	3,000	2,750	2,750	4,118	2,861
Rep & Maint-Buildings	10,000	10,000	10,000	10,874	41,039
Rep & Maint-Equipment	7,000	10,000	10,000	1,469	2,157
Rep & Maint-Equip-Guaranteed	15,000	15,000	15,000	10,865	6,320
Rep & Maint-Equip-Non Guar	95,000	95,000	95,000	90,583	149,204
Rep & Maint-Vehicles	2,000	2,000	2,000	2,577	1,668
Insurance & Bonds	5,300	3,550	3,550	2,805	2,107

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
NORTH KENT TRANSFER STATION-566
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
Loss Deductible	0	0	0	0	0
Depr, Depl & Amortization	0	0	0	139,012	165,180
Office Equipment & Furniture	0	500	500	0	894
Cost Allocation	42,100	40,700	40,700	39,900	36,192
Total Other Expenses	**846,000**	**887,950**	**887,950**	**1,025,692**	**1,086,546**
TOTAL OPERATING EXPENSES	**1,363,100**	**1,445,350**	**1,449,150**	**1,556,635**	**1,569,219**
OPERATING INCOME (LOSS)	**661,900**	**414,650**	**410,850**	**623,265**	**661,969**
NET OPERATING INCOME	**661,900**	**414,650**	**410,850**	**623,265**	**661,969**
NON-OPERATING INCOME:					
Sale of Fixed Assets	0	0	0	0	18,791
Miscellaneous Income	0	0	0	0	111
Cash - Over/(Short)	0	0	0	153	19
TOTAL NON-OPERATING INCOME	**0**	**0**	**0**	**153**	**18,921**
NET INCOME (LOSS)	**$661,900**	**$414,650**	**$410,850**	**$623,418**	**$680,890**
Tonnage - Transfer Station	60,000	55,000	55,000	60,228	62,131
TOTAL TONS	**60,000**	**55,000**	**55,000**	**60,228**	**62,131**
	$35.00	$35.00	$35.00	$35.00	$34.50

DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
2013
GOALS AND OBJECTIVES

SOUTH KENT LANDFILL

Goal 1: **Carryout quarterly monitoring of surface & ground water.**

Objective: Sampling of onsite and neighboring potable water wells. Work involves quarterly sampling of 16 groundwater wells, six surface discharge points, and two leachate-sampling points and over 45 potable water wells.

Measurement: Completion of monitoring in accordance with water monitoring plan.

Goal 2: **Continue excavation of cells 37 and 39.**

Objective: As part of the ongoing cell construction, soil material will be obtained from cells 37 and 39 for daily, intermediate and final cover.

Measurement: Survey of soil material removed by contractor.

Goal 3: **Clean and maintain on site surface water collection system**

Objective: Maintain existing ditches and sedimentation ponds to maintain compliance with erosion and sedimentation control plan. Establish diversion berms to minimize the amount of flow into the leachate collection system.

Measurement: Compliance with sedimentation control plan and diversion ditch construction completed.

Goal 4: **Operate the landfill in an efficient, economical and environmentally safe manner.**

Objective: This will be accomplished by providing personnel with necessary training and supervision, maintaining equipment and continuing community and MDEQ relations.

Measurement: No MDEQ out of compliance reports and inspections.

Goal 5:	**Continue to maintain ISO 14001 certification**
Objective:	This will be accomplished by working within the ISO 14001 certification plan and environmental policy. The policy states that the landfill will comply with laws and regulations prevent pollution and continue to improve the environmental performance.
Measurement:	Regular audits will be performed with on going communication with regulatory agencies. Continued evaluation of environmental performance will be monitored by the review of objectives and targets established within the policy.
Goal 6:	**Establish soil stockpile for excess material**
Objective:	This will be accomplished by working with various agencies to obtain permits. In addition material will be classified so that material that can be used for cell construction will be stockpiled onsite for easy future use.
Measurement:	Start stockpiling material on the site located at 108th and Clyde Park Ave.
Goal 7:	**Install liner system for 35**
Objective:	This will be completed by preparing drawings, specification and bid packages for contractors to complete the liner work. Project should be complete by October 2013 and submitted for MDEQ approval
Measurement:	Michigan Department of Environmental Quality issuance of an operating permit.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
SOUTH KENT LANDFILL-562
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
OPERATING REVENUES					
WTE Ash	$393,550	$351,150	$441,150	$536,067	$421,261
WTE Reject	192,500	192,500	192,500	189,745	221,704
WTE Transfer	507,500	507,500	507,500	516,605	523,369
Sales - General Refuse	2,100,000	2,229,500	4,060,000	3,238,992	3,465,084
Sales - Sludge	222,000	210,000	-	-	-
Sales - Charities	37,700	37,700	-	-	-
Sales - Demolition	960,000	945,000	-	-	-
TOTAL SALES	**4,413,250**	**4,473,350**	**5,201,150**	**4,481,408**	**4,631,419**
Less Perpetual Care	154,125	158,750	170,000	160,035	172,180
NET OPERATING REVENUES	**4,259,125**	**4,314,600**	**5,031,150**	**4,321,374**	**4,459,239**
OPERATING EXPENSES:					
Salaries & Wages:	938,300	888,000	892,300	788,120	886,785
Total Salary & Wages	**938,300**	**888,000**	**892,300**	**788,120**	**886,785**
Overtime	64,700	46,500	46,600	40,964	43,762
FICA	76,700	71,500	71,800	60,101	68,796
Group Insurance	209,300	237,400	239,700	191,403	234,221
County Retirement Program	93,300	86,900	87,300	73,370	61,740
Workers Compensation Ins.	2,300	5,000	5,000	1,928	885
Retiree Health	22,100	21,500	21,600	16,952	19,431
Unemployment Compensation	4,000	3,700	3,800	0	0
Total S&W Fringe	**472,400**	**472,500**	**475,800**	**384,718**	**428,835**
Total Payroll Expense	**1,410,700**	**1,360,500**	**1,368,100**	**1,172,838**	**1,315,620**
Other Admin Costs & Operating Expenses:					
Printing & Binding	350	750	750	159	502
Postage	1,500	1,500	1,500	1,319	1,180
Office Supplies	3,500	3,500	3,500	4,252	1,267
Data Processing Supplies	2,250	2,750	2,750	1,366	2,827
Engineering Supplies	4,000	4,000	4,000	1,513	4,392
Uniforms & Accessories	6,750	6,200	6,200	6,677	5,900
Medical & Safety Supplies	5,500	5,250	5,250	6,155	5,350
Fire Fighting Supplies	1,000	500	500	848	344
Other Supplies-Small Tools	3,000	3,500	3,500	2,875	4,955
Janitorial Supplies	2,000	2,000	2,000	2,450	1,219
Other Supplies	0	0	0	222	0
Consultants	8,000	12,500	12,500	18,599	20,573
Administration	141,850	140,000	140,000	101,327	92,321
Auditing	0	10,100	10,100	9,846	9,612
Legal	2,500	2,500	2,500	4,610	0
Memberships & Subscriptions	2,000	500	500	4,348	451
Other Contractual Service	17,500	25,000	25,000	25,890	16,657
Environmental Fees	12,800	12,800	12,000	14,783	7,748
ISO	8,300	5,000	0	0	0
Contractual Service Tire Disposal	9,000	10,000	12,500	6,600	7,000
Laboratory Fees	35,000	30,800	30,800	27,759	27,240
Telephone	18,500	18,500	18,500	18,782	17,774
Travel - Regular	1,500	1,000	1,000	1,877	1,073
Travel - Conventions	4,000	5,000	5,000	2,201	4,093
Freight (DPW Hauling)	750	1,000	1,000	420	300
Gas, Oil, Grease & Antifreeze	265,000	250,000	250,000	241,334	246,832
Advertising	250	500	500	0	125
Utilities	30,000	31,000	40,000	26,386	23,618
Rep & Maint-Grounds-Site	60,000	50,000	50,000	103,123	36,936
Stormwater Management	180,000	180,000	200,000	614,735	206,477
Erosion Control	0	0	40,000	2,450	0
Haul Road	50,000	45,000	45,000	60,472	39,449
Leachate Sewer Line Cleaning	15,000	20,000	30,000	161,785	124,570

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
SOUTH KENT LANDFILL-562
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
Ash Leachate Disposal	0	0	90,000	0	0
Byron Leachate Disposal	65,000	60,000	78,000	66,706	70,203
LFG Collection	2,000	0	0	2,004	3,507
Road Maintenance	9,000	9,000	9,000	8,026	17,453
Surface Drainage & Lawn Care	6,400	7,000	7,000	5,173	6,173
Litter Control	30,000	12,500	12,500	35,186	13,755
Rep & Maint-Buildings	20,000	30,000	20,000	28,343	28,178
Rep & Maint-Equipment	15,000	15,000	25,000	16,825	8,910
Rep & Maint-Equip-Guaranteed	30,000	30,000	30,000	28,004	28,001
Rep & Maint-Equip-Non Guar	75,000	75,000	75,000	109,825	142,457
Rep & Maint-Vehicles	50,000	50,000	50,000	58,405	51,505
Rental - Landfill	120,000	120,000	138,100	120,000	120,000
Rental-Buildings	0	22,000	22,000	20,170	20,170
Rental-Equipment	1,000	1,000	1,000	0	57
Michigan (Surcharge $ .36, $.12)	5,000	4,100	4,100	5,094	4,084
Employee Training & Improv.	2,000	1,000	1,000	2,254	825
Bad Debts	5,000	5,000	5,000	734	44
Insurance & Bonds	34,550	34,900	44,900	21,991	22,142
Loss Deductible	2,500	2,500	2,500	1,328	2,500
Depr, Depl & Amortization	0	0	0	959,014	1,067,840
Landfill Cell Closure(GASB18)	463,300	499,000	499,000	385,728	483,604
Hydro Seed	17,000	17,000	17,000	8,210	45,214
Intermediate & Daily Cover	60,000	60,000	75,000	75,015	89,385
Office Equipment & Furniture	0	1,000	1,000	0	894
Contingency	15,529	64,165	64,165	0	0
Perpetual Care	50,000	50,000	50,000	96,000	47,000
Cost Allocation	127,500	127,700	127,700	120,715	105,646
Total Other Expenses	**2,097,579**	**2,179,015**	**2,405,815**	**3,649,912**	**3,290,330**
TOTAL OPERATING EXPENSES	**3,508,279**	**3,539,515**	**3,773,915**	**4,822,750**	**4,605,950**
OPERATING INCOME (LOSS)	**750,846**	**775,085**	**1,257,235**	**(501,376)**	**(146,712)**
CAPITAL EXPENDITURES					
Capital Reserve Contributions	828,000	782,000	782,000	0	0
Cell Construction Reserve Contribution	598,000	552,000	552,000	0	0
TOTAL CAPITAL EXPENDITURES	**1,426,000**	**1,334,000**	**1,334,000**	**0**	**0**
NET OPERATING INCOME(LOSS)	**(675,154)**	**(558,915)**	**(76,765)**	**(501,376)**	**(146,712)**
NON-OPERATING INCOME:					
Interest Earned-Money Max	85,500	171,725	171,725	96,819	(46,471)
Sale of Fixed Assets	0	0	0	(98,037)	(38,274)
Misc	40,000	40,000	40,000	48,772	47,371
Miscellaneous Income (Hauling)	100,000	200,000	200,000	223,505	234,704
Cash - Over/(Short)	0	0	0	199	27
TOTAL NON-OPERATING INCOME	**225,500**	**411,725**	**411,725**	**271,258**	**197,357**
NET INCOME (LOSS)	**(449,654)**	**(147,190)**	**334,960**	**(230,118)**	**$50,645**
Tonnage WTE Ash	42,500	42,500	42,500	41,236	41,709
Tonnage - Transfer Station	0	0	0	1,843	5,845
Tonnage - General Refuse(Revenue Tons)	60,000	63,700	116,000	57,018	68,839
Tonnage - Sludge	12,000	12,000	-	13,850	9,510
Tonnage - Charities	1,300	1,300	-	806	1,766
Tonnage - Demolition	30,000	30,000	-	31,581	30,172
Tonnage WTE Reject	5,500	5,500	5,500	5,384	6,387
Tonnage WTE Transfer	14,500	14,500	14,500	14,662	15,078
TOTAL	**165,800**	**169,500**	**178,500**	**166,380**	**179,307**

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
GASB18 PRIOR YEAR ACTIVITY
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
NET OPERATING REVENUES	**$0**	**$0**	**$0**	**$0**	**$0**
OPERATING EXPENSES:					
Other Admin Costs & Operating Expenses:					
Landfill Cell Closure(GASB18)	397,000	372,000	372,000	343,187	315,170
Total Other Expenses	**397,000**	**372,000**	**372,000**	**343,187**	**315,170**
TOTAL OPERATING EXPENSES	**397,000**	**372,000**	**372,000**	**343,187**	**315,170**
OPERATING INCOME (LOSS)	**(397,000)**	**(372,000)**	**(372,000)**	**(343,187)**	**(315,170)**
NET OPERATING INCOME	**(397,000)**	**(372,000)**	**(372,000)**	**(343,187)**	**(315,170)**
NON-OPERATING INCOME:					
Interest Earned-Money Max	82,780	118,820	118,820	71,528	100,800
TOTAL NON-OPERATING INCOME	**82,780**	**118,820**	**118,820**	**71,528**	**100,800**
NET INCOME (LOSS)	**($314,220)**	**($253,180)**	**($253,180)**	**($271,659)**	**($214,370)**

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE FUND
2013 BUDGET
MATERIAL RECYCLING FACILITY

DESCRIPTION	MATERIAL RECYCLING FACILITY
OPERATING REVENUES	
Sales	$2,600,000
NET OPERATING REVENUES	**2,600,000**
OPERATING EXPENSES:	
Total Salary & Wages	573,900
Total S&W Fringe	181,200
Total Payroll Expense	**755,100**
Other Admin Costs & Operating Expenses:	
Uniforms & Accessories	2,750
Printing, Postage	700
Supplies	73,750
Administration	65,750
Professional Fees; Auditing, Legal, Memberships	-
City of Grand Rapids, Disposal Fee	47,000
Travel	4,000
Freight	105,500
Gas,Oil,Grease & Antifreeze	25,000
Rep & Maint-Buildings, Equip, Vehicles, Rental	125,500
Telephone, Advertising, Training, Insurance	22,150
Utilities	115,000
Cost Allocation County Central Services	34,100
Total Other Expenses	**621,200**
TOTAL OPERATING EXPENSES	**1,376,300**
TOTAL CAPITAL EXPENDITURES	**82,800**
NON-OPERATING EXPENSES	
Principal & Interest	900,631
Total NON-OPERATING EXPENSES	**900,631**
NET INCOME(LOSS)	**$240,269**

DEPARTMENT OF PUBLIC WORKS
REFUSE DISPOSAL SYSTEM
2013
GOALS AND OBJECTIVES

MATERIAL RECOVERY FACILITY (MRF)

Goal 1: **Accept and process expanded City of Grand Rapids curbside recycling program tonnage (new single stream system).**

Objective: Continue to process the extra tons from the City of Grand Rapids within the allotted budget and staff.

Measurement: Process and sell all recyclables collected without adding manpower or shifts.

Goal 2: **Provide management and direction to enable the facility to operate in the most efficient and economic way possible within the established budget as tonnages continue to increase.**

Objective: Provide sufficient daily labor and continually explore other options for expanded pools of labor.

Objective: Maintain/expand present markets for all recyclables.

Measurement: Process and sell all marketable recyclables.

Goal 3: **Minimize the trash from the recycle stream.**

Objective: Continue the ongoing educational campaign through mailings on the rules and regulations for curbside recycling.

Objective: Continue the partnership with the City of Grand Rapids to promote curbside recycling.

Objective: Continue to look for new markets for materials that normally have not been recycled in the past.

Measurement: Decrease the amount of trash from previous year and increase public participation.

Goal 4: **Provide a safe and reliable workplace.**

Objective:	Continue annual safety training to all employees to maintain MIOSHA safety standards.
Measurement:	Continue monthly safety inspections and classes.
Goal 5:	**Fine tune the new facility to accept and process incoming tonnages and expand to a regional program**
Objective:	Fully utilize new facility to maximize operating system
Measurement:	Seek regional material to expand and increase tonnage by 5%

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
MATERIAL RECOVERY FACILITY-565
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
OPERATING REVENUES					
Sales-MRF	$2,600,000	$2,500,000	$2,100,000	$3,210,059	$1,612,023
TOTAL OPERATING REVENUES	**2,600,000**	**2,500,000**	**2,100,000**	**3,210,059**	**1,612,023**
NET OPERATING REVENUES	**2,600,000**	**2,500,000**	**2,100,000**	**3,210,059**	**1,612,023**
OPERATING EXPENSES:					
Salaries & Wages:	343,900	381,100	382,600	340,978	297,598
Temporary & MRF Special Class	230,000	225,000	125,000	201,051	194,478
Total Salary & Wages (& Temp)	**573,900**	**606,100**	**507,600**	**542,029**	**492,076**
Overtime	29,500	28,400	28,400	23,945	50,765
FICA	28,600	31,300	31,400	26,756	25,566
Group Insurance	77,800	101,700	102,600	78,147	70,692
County Retirement Program	34,700	38,100	38,200	30,863	23,798
Workers Compensation Ins.	900	2,200	2,200	887	385
Retiree Health	8,200	9,400	9,500	7,728	7,516
Unemployment Compensation	1,500	1,600	1,600	0	0
Total S&W Fringe	**181,200**	**212,700**	**213,900**	**168,327**	**178,722**
Total Payroll Expense	**755,100**	**818,800**	**721,500**	**710,356**	**670,797**
Other Admin Costs & Operating Expenses:					
Printing & Binding	500	1,000	1,000	386	1,300
Postage	200	250	250	105	321
Office Supplies	500	250	250	1,083	1,607
Uniforms & Accessories	2,750	2,750	2,750	2,719	2,402
Medical & Safety Supplies	7,500	7,500	7,500	7,507	11,032
Fire Fighting Supplies	1,750	2,000	2,000	1,499	1,774
Other Supplies-Small Tools	3,000	3,000	3,000	2,594	4,085
Janitorial Supplies	6,000	6,000	3,500	6,199	4,723
Other Supplies(Baler Wire)	55,000	50,000	50,000	45,094	37,635
Administration	65,750	68,000	68,000	33,377	24,701
Legal	0	0	0	90	0
Memberships & Subscriptions	0	300	300	0	0
Other Contractual Service	12,000	10,000	10,000	10,892	1,087
Telephone	5,500	3,500	3,500	5,302	3,196
Travel - Regular	0	0	0	0	2
Travel - Conventions	4,000	4,000	4,000	720	3,879
Freight(Contractor)	0	0	0	0	36,480
Freight(DPW Hauling)	500	1,000	1,000	325	75,559
Recycle to MRF	80,000	68,000	73,000	75,000	0
Outbound Trash	20,000	18,000	18,000	25,270	0
For Sales	5,000	5,000	18,000	1,325	0
Gas, Oil, Grease & Antifreeze	25,000	20,000	20,000	19,446	15,305
Advertising (City of GR)	10,000	10,000	10,000	646	236
Utilities	115,000	110,000	85,000	113,968	76,434
Landfill Fees	35,000	35,000	35,000	47,596	56,794
Rep & Maint-Grounds	0	0	0	165	0
Surface Drainage & Lawn Care	0	0	0	370	0
Rep & Maint-Buildings	15,000	15,000	10,000	29,211	11,381

SOLID WASTE DIVISION
MATERIAL RECOVERY FACILITY-565
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
Rep & Maint-Equipment	80,000	80,000	40,000	53,775	11,269
Rep & Maint-Equip-Guaranteed	15,000	15,000	15,000	4,309	2,103
Rep & Maint-Equip-Non Guar	15,000	15,000	15,000	5,215	25,229
Accrued Liability 2003	0	0	0	28	0
Rental-Equipment	500	500	500	0	0
Employee Training & Improv.	1,000	1,000	1,000	406	638
Insurance & Bonds	5,650	4,300	4,300	2,997	2,576
Depr, Depl & Amortization	0	0	0	695,397	315,178
Interest	0	0	0	459,015	193,642
Cost Allocation	34,100	42,100	42,100	32,280	29,628
Total Other Expenses	**621,200**	**598,450**	**543,950**	**1,684,310**	**950,197**
TOTAL OPERATING EXPENSES	**1,376,300**	**1,417,250**	**1,265,450**	**2,394,666**	**1,620,994**
OPERATING INCOME (LOSS)	**1,223,700**	**1,082,750**	**834,550**	**815,393**	**(8,971)**
CAPITAL EXPENDITURES					
Capital Reserve Contribution	82,800	46,000	46,000	0	0
TOTAL CAPITAL EXPENDITURES	**82,800**	**46,000**	**46,000**	**0**	**0**
NET OPERATING INCOME	**1,140,900**	**1,036,750**	**788,550**	**815,393**	**(8,971)**
NON-OPERATING INCOME:					
Interest Earned-Money Max	0	0	0	521	2,051
Sale of Fixed Assets	0	0	0	0	70,350
Miscellaneous Income	0	0	0	100	0
TOTAL NON-OPERATING INCOME	**0**	**0**	**0**	**621**	**72,401**
NON-OPERATING EXPENSES:					
Principal and Interest	900,631	902,410	902,410	0	0
TOTAL NON-OPERATING EXPENSES	**900,631**	**902,410**	**902,410**	**0**	**0**
NET INCOME (LOSS)	**$240,269**	**$134,340**	**($113,860)**	**$816,014**	**$63,430**

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE FUND
2013 BUDGET
GAS TO ENERGY,RR/HHW,Act 451

DESCRIPTION	GAS TO ENERGY	RESOURCE RECOVERY/HHW	Act 451
OPERATING REVENUES			
NET OPERATING REVENUES	**$328,000**	**$0**	**$0**
OPERATING EXPENSES:			
Total Salary & Wages	-	185,500	6,100
Total S&W Fringe	-	77,600	1,920
Total Payroll Expense	**-**	**263,100**	**8,020**
Other Admin Costs & Operating Expenses:			
Uniforms & Accessories	-	700	-
Printing, Postage	-	18,500	2,250
Supplies	-	5,100	-
Consultants	8,000	-	10,000
Administration	4,425	11,400	800
Professional Fees; Auditing,Legal, Memberships	-	650	25,000
Service Contracts	28,000		
Disposal Fee	-	75,500	-
Travel	5,000	4,500	-
Gas,Oil,Grease & Antifreeze	200	300	-
Rep & Maint-Buildings, Equip, Vehicles, Rental	6,500	1,500	-
Telephone, Acvertising, Training, Insurance	1,050	27,900	500
Rep & Maint-Grounds	25,000	-	-
Depr, Depl & Amortization	125,000		
Cost Allocation County Central Services	8,600	13,100	700
Total Other Expenses	**211,775**	**159,150**	**39,250**
TOTAL OPERATING EXPENSES	**211,775**	**422,250**	**47,270**
NON-OPERATING INCOME			
Interest Earned-Money Max	10,000	-	-
Misc Income	-	205,000	-
TOTAL NON-OPERATING INCOME	**10,000**	**205,000**	**-**
NET INCOME(LOSS)	**$126,225**	**($217,250)**	**($47,270)**
Total Gas to Energy, RR/HHW, Act 451			**($138,295)**

DEPARTMENT OF PUBLIC WORKS
REFUSE DISPOSAL SYSTEM
2013
GOALS AND OBJECTIVES

Landfill Gas to Energy

Goal 1:	**Operate or oversee the operation of the landfill gas extraction system to its optimum capacity.**
Objective:	Operate and Maintain the Landfill Gas extraction system in conjunction with Granger Electric to insure maximum gas flow and methane content. This will be accomplished tuning the gas field as necessary and monitoring the flow of landfill gas and maintaining the below surface piping and pumps.
Measurement:	Providing consistent gas flow to the generating units to maximize output of electric.
Goal 2:	**Review invoices and payments from Granger Electric to insure maximum and accurate revenue from the generating facility.**
Objectives:	Review and organize data from Granger on a monthly basis to insure any deductions that may occur are correctly calculated.
Measurement:	Receiving payment for maximum output.
Goal 3:	**Compile data for maximum carbon credits to be sold on registry as needed.**
Objectives:	Organize landfill gas data on a bi-annual basis to streamline selling process for verification. Complete research to obtain a new buyer for the Carbon Credits.
Measurement:	The verification and sale of green house gas credits.
Goal 4:	**Maintain calibration of all meters pertaining to the landfill gas collection system.**
Objectives:	Complete minimum of quarterly calibration for the flow meter and yearly destruction testing for the electric generating units
Measurement:	Receiving verification from the verifier for data submitted to the sale of gas credits.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
GAS TO ENERGY - 561
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
OPERATING REVENUES					
Sales-Utilities					
Carbon Credits	$0	$0	$580,500	$673,064	$592,114
Renewable Energy Credits	$8,000	$0	$0	$16,284	$0
Electric	320,000	324,000	324,000	319,304	392,822
TOTAL SALES	**328,000**	**324,000**	**904,500**	**1,008,652**	**984,936**
NET OPERATING REVENUES	**328,000**	**324,000**	**904,500**	**1,008,652**	**984,936**
OPERATING EXPENSES:					
Other Admin Costs & Operating Expenses:					
Postage	0	0	0	51	0
Consultants - Carbon Credits	0	0	0	5,952	0
Consultants - Verifer	8,000	8,000	8,000	7,391	6,775
Administration	4,425	7,000	7,000	3,738	6,219
Legal	0	2,500	2,500	0	0
Service Contracts - Carbon Credits	6,000	6,000	6,000	7,783	9,825
Service Contracts - CAR	22,000	22,000	22,000	1,255	10,556
Travel - Conventions	5,000	5,000	5,000	767	0
Gas, Oil, Grease & Antifreeze	200	150	150	0	0
Rep & Maint-Well Field Construction - Electric	0	0	0	0	25,863
LFG Collection	25,000	20,000	20,000	4,220	0
Rep & Maint - Blower/Flare	2,000	0	0	1,375	1,448
Rep & Maint - Leachate Removal	4,500	6,000	6,000	2,509	1,730
Insurance & Bonds	1,050	600	600	566	366
Depr, Depl & Amortization	125,000	125,000	125,000	117,538	116,061
Contingency	0	125,550	706,050	0	0
Cost Allocation	8,600	4,700	4,700	8,124	2,712
Total Other Expenses	**211,775**	**332,500**	**913,000**	**161,271**	**181,555**
TOTAL OPERATING EXPENSES	**211,775**	**332,500**	**913,000**	**161,271**	**181,555**
OPERATING INCOME (LOSS)	**116,225**	**(8,500)**	**(8,500)**	**847,380**	**803,381**
NET OPERATING INCOME	**116,225**	**(8,500)**	**(8,500)**	**847,380**	**803,381**
NON-OPERATING INCOME:					
Interest Earned-Money Max	10,000	8,500	8,500	10,677	8,542
TOTAL NON-OPERATING INCOME	**10,000**	**8,500**	**8,500**	**10,677**	**8,542**
NET INCOME (LOSS)	**$126,225**	**$0**	**$0**	**$858,057**	**$811,923**

DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
2013
GOALS AND OBJECTIVES

RESOURCE RECOVERY - HOUSEHOLD HAZARDOUS WASTE PROGRAMS

Goal 1: **Update all educational information on all recycling, HHW and other department programs.**

Objective: Reprint and update all pamphlets, booklets and other public information distributed to local residents

Measurement: Complete projects in a timely manner as new information becomes available.

Goal 2: **Expand Public Awareness**

Objective: Develop different ways to involve local schools and the public to enhance participation and promote education.

Measurement: Evaluate participation and public response toward the new programs.

Goal 3: **Continue to expand participation through the permanent HHW sites.**

Objective: Develop/coordinate schedules for year round service for the four permanent sites (North Kent Transfer Station, Scribner, Cities of Kentwood and Wyoming).

Objective: Continue to expand collections for selective outlying townships in conjunction with their clean-up days.

Measurement: Report on sites and costs of the permanent household hazardous waste program. Continue the positive feedback from communities and assess program through services provided.

Goal 4: **Continue to expand participation through a more comprehensive educational and advertising program.**

Objective: Coordinate collection programs with the Cities of Grand Rapids, Wyoming and Kentwood for special collections as part of their

Industrial Pretreatment Programs.

Objective: Continue to develop the electronics disposal program for cost effective implementation.

Objective: Increase educational information distributed by the department's Resource Recovery and Household Hazardous Waste programs.

Objective: Increase educational information on the "West Michigan Take Back Meds" program .

Measurement: Increase public participation and pursue other program options with area agencies. Monitor the amount of literature and educational information distributed by the department.

Goal 5: **Expand participation in single stream recycling through a more comprehensive educational and advertising program.**

Objective: Develop a comprehensive advertising campaign through all media for the new single stream recycling facility.

Measurement: Increase public participation in curbside recycling.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
RESOURCE RECOVERY/HOUSEHOLD HAZARDOUS WASTE-440
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
NET OPERATING REVENUES	**$0**	**$0**	**$0**	**$0**	**$0**
OPERATING EXPENSES:					
Salaries & Wages:	185,500	186,700	227,400	165,635	166,265
Total Salary & Wages	**185,500**	**186,700**	**227,400**	**165,635**	**166,265**
Overtime	1,900	3,600	3,600	1,833	3,595
FICA	14,300	14,600	17,700	12,278	12,465
Group Insurance	38,700	49,500	60,500	38,760	40,169
County Retirement Program	17,400	17,700	21,500	14,181	11,619
Workers Compensation Ins.	400	1,000	1,200	407	198
Retiree Health	4,100	4,400	5,300	3,551	3,665
Unemployment Compensation	800	800	900	0	0
Total S&W Fringe	**77,600**	**91,600**	**110,700**	**71,010**	**71,711**
Total Payroll Expense	**263,100**	**278,300**	**338,100**	**236,644**	**237,976**
Other Admin Costs & Operating Expenses:					
Printing & Binding	17,500	17,500	25,000	6,324	29,527
Postage	1,000	4,000	4,000	31	137
Office Supplies	400	500	500	384	300
Uniforms & Accessories	700	700	1,000	456	95
Medical & Safety Supplies	3,500	3,500	3,500	4,152	3,351
Fire Fighting Supplies	900	900	900	701	860
Vehicle Operating Supplies	300	300	300	0	0
Administration	11,400	14,000	14,000	10,320	9,480
Memberships & Subscriptions	650	750	750	550	830
Contractual Service-HHW Disposal	75,000	75,000	75,000	74,169	112,387
Contractual Service-Electronic Disposal	500	1,000	2,000	29	28,778
Propane Tank Disposal	0	0	500	0	0
Telephone	6,000	5,000	5,000	5,767	4,775
Travel - Regular	1,500	1,500	1,500	1,820	1,038
Travel - Conventions	3,000	3,500	3,500	2,137	48
Gas, Oil, Grease & Antifreeze	300	300	300	222	134
Advertising (Earth Day)	20,000	20,000	35,000	43,329	35,480
Rep & Maint-Buildings	0	0	0	0	5,569
Rep & Maint-Vehicles	1,500	1,500	1,500	0	2,099
Employee Training & Improv.	1,000	1,000	1,000	952	15
Insurance & Bonds	900	550	550	477	335
Depr, Depl & Amortization	0	0	0	13,950	17,998
Cost Allocation	13,100	13,000	13,000	12,384	10,020
Total Other Expenses	**159,150**	**164,500**	**188,800**	**178,154**	**263,257**
TOTAL OPERATING EXPENSES	**422,250**	**442,800**	**526,900**	**414,798**	**501,232**
OPERATING INCOME (LOSS)	**(422,250)**	**(442,800)**	**(526,900)**	**(414,798)**	**(501,232)**
NET OPERATING INCOME	**(422,250)**	**(442,800)**	**(526,900)**	**(414,798)**	**(501,232)**
NON-OPERATING INCOME:					
Miscellaneous Income	2,500	5,000	5,000	2,836	0
Contribution from WTE	202,500	208,000	208,000	0	0
TOTAL NON-OPERATING INCOME	**205,000**	**213,000**	**213,000**	**2,836**	**0**
NET INCOME (LOSS)	**($217,250)**	**($229,800)**	**($313,900)**	**($411,962)**	**($501,232)**

DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
2013
GOALS AND OBJECTIVES

Act 451

Goal 1: Review current Kent County Solid Waste plan with Michigan Department of Environmental Quality. Introduce an ordinance to better serve Kent County's integrated solid waste system and amend the Plan accordingly.

Objective: Analyze and adjust the present system to maximize the benefit for Kent County residents.

Measurement: Monitor the tonnage presented to the State of Michigan on an annual basis.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
ACT 451-442
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
NET OPERATING REVENUES	**$0**	**$0**	**$0**	**$0**	**$0**
OPERATING EXPENSES:					
Salary Meeting Comp	1,300	0	0	1,300	0
Salaries & Wages:	4,800	4,800	4,800	4,789	4,649
Total Salary & Wages	**6,100**	**4,800**	**4,800**	**6,089**	**4,649**
FICA	400	400	400	451	341
Group Insurance	1,000	1,300	1,300	1,097	1,093
County Retirement Program	400	400	400	405	318
Workers Compensation Ins.	0	0	0	15	6
Retiree Health	100	100	100	131	100
Unemployment Compensation	20	20	20	0	0
Total S&W Fringe	**1,920**	**2,220**	**2,220**	**2,098**	**1,858**
Total Payroll Expense	**8,020**	**7,020**	**7,020**	**8,187**	**6,507**
Other Admin Costs & Operating Expenses:					
Printing & Binding	2,000	2,000	2,000	479	1
Postage	250	250	250	57	0
Consultants	10,000	0	25,000	6,908	83,865
Administration	800	2,000	2,000	2,445	509
Legal	25,000	25,000	25,000	9,731	27,102
Travel - Regular	0	0	0	248	0
Advertising	500	500	500	343	0
Insurance & Bonds	0	0	0	0	0
Cost Allocation	700	3,100	3,100	672	780
Total Other Expenses	**39,250**	**32,850**	**57,850**	**20,884**	**112,258**
TOTAL OPERATING EXPENSES	**47,270**	**39,870**	**64,870**	**29,071**	**118,764**
OPERATING INCOME (LOSS)	**(47,270)**	**(39,870)**	**(64,870)**	**(29,071)**	**(118,764)**
NET OPERATING INCOME	**(47,270)**	**(39,870)**	**(64,870)**	**(29,071)**	**(118,764)**
NET INCOME (LOSS)	**($47,270)**	**($39,870)**	**($64,870)**	**($29,071)**	**($118,764)**

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE FUND
2013 BUDGET
CLOSED LANDFILLS

DESCRIPTION	NORTH KENT LANDFILL	SPARTA LANDFILL	KENTWOOD LANDFILL
NET OPERATING REVENUES	**$0**	**$0**	**$0**
OPERATING EXPENSES:			
Total Salary & Wages	58,500	43,700	103,000
Total S&W Fringe	25,140	18,080	73,900
Total Payroll Expense	**83,640**	**61,780**	**176,900**
Other Admin Costs & Operating Expenses:			
Uniforms & Accessories	-	-	500
Printing, Postage, Supplies	150	150	2,975
Administration	5,475	3,475	11,725
Professional Fees; Auditing, Memberships	-	-	275
Other Contractual Service	-	7,000	50,550
Laboratory Fees	40,000	48,000	66,000
Rep & Maint-Grounds-Site	77,100	9,000	109,903
Rep & Maint-Buildings, Equip, Vehicles	4,500	-	9,600
Telephone, Advertising, Training, Misc, Insurance	4,925	1,250	4,250
Gas,Oil,Grease & Antifreeze	-	-	1,100
Utilities	11,000	-	27,500
Perpetual Care Expense	-	-	79,679
Perpetual Care Interest Income Shortfall	-	-	356,321
Cost Allocation County Central Services	5,500	3,400	15,000
Total Other Expenses	**148,650**	**72,275**	**735,378**
TOTAL OPERATING EXPENSES	**232,290**	**134,055**	**912,278**
NON-OPERATING INCOME:			
Interest Earned-Money Max	-	-	63,743
Tower Rent	25,000	-	-
Funded from Perpetual Care Reserve	207,290	134,055	285,057
Funded from Accrual/Kentwood Share	-	-	563,478
TOTAL NON-OPERATING INCOME	**232,290**	**134,055**	**912,278**
NET INCOME (LOSS)	**$0**	**$0**	**$0**

DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
2013
GOALS AND OBJECTIVES

NORTH KENT LANDFILL

Goal 1: **Maintain cap and gas extraction system.**

Objective: Provide preventative maintenance and repair to the liner.

Measurement: Inspection of cap and completion of required repairs within 30 days.

Goal 2: **Continue sampling and testing ground and surface water.**

Objective: Complete sampling of onsite and neighboring potable water wells. Work shall involve quarterly sampling of groundwater wells, surface discharge points, leachate sampling point and 56 potable water wells. Work shall be completed on quarterly basis.

Measurement: Review and submittal of laboratory results to MDEQ.

Goal 3: **Maintain onsite pumps and wetwell to limit down time of the leachate collection systems**

Objective: Inspection of pumps and review daily logs. Make repairs as necessary.

Measurement: Consistently operating system.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
NORTH KENT LANDFILL - 560
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
NET OPERATING REVENUES	**$0**	**$0**	**$0**	**$0**	**$0**
OPERATING EXPENSES:					
Salaries & Wages:	58,500	68,800	69,400	67,708	66,632
Total Salary & Wages	**58,500**	**68,800**	**69,400**	**67,708**	**66,632**
Overtime	900	1,700	1,700	1,196	1,733
FICA	4,500	5,400	5,400	5,052	5,017
Group Insurance	12,600	18,600	18,800	15,377	15,671
County Retirement Program	5,500	6,500	6,600	5,832	4,678
Workers Compensation Ins.	100	400	400	167	80
Retiree Health	1,300	1,600	1,600	1,457	1,475
Unemployment Compensation	240	280	280	0	0
Total S&W Fringe	**25,140**	**34,480**	**34,780**	**29,081**	**28,654**
Total Payroll Expense	**83,640**	**103,280**	**104,180**	**96,789**	**95,286**
Other Admin Costs & Operating Expenses:					
Printing & Binding	25	25	25	0	14
Postage	75	75	75	27	83
Medical & Safety Supplies	0	0	0	51	0
Other Supplies-Small Tools	50	100	100	14	15
Administration	5,475	7,000	7,000	4,015	3,979
Laboratory Fees	40,000	40,000	40,000	39,451	43,534
Utilities	11,000	9,000	9,000	10,405	7,845
Rep & Maint-Grounds-Site	15,000	18,000	18,000	8,705	7,275
Stone & Gravel	1,000	1,000	1,000	0	0
Leachate Pretreatment Chemical	1,100	1,000	1,000	0	0
Leachate Sewer Line Cleaning	13,500	10,000	10,000	568	5,493
Leachate Disposal	28,000	18,500	18,500	27,380	18,537
LFG Collection	15,000	15,000	15,000	252	1,372
Surface Drainage & Lawn Care	3,500	3,200	3,200	1,537	1,537
Miscellaneous	2,500	2,500	2,500	0	0
Rep & Maint-Buildings	500	500	500	383	61
Rep & Maint-Equipment	4,000	6,500	6,500	720	3,384
Insurance & Bonds	325	250	250	2,115	142
Environmental Permit	2,100	2,100	2,100	1,650	1,650
Cost Allocation	5,500	5,050	5,050	5,220	4,776
Total Other Expenses	**148,650**	**139,800**	**139,800**	**102,493**	**99,698**
TOTAL OPERATING EXPENSES	**232,290**	**243,080**	**243,980**	**199,282**	**194,984**
OPERATING INCOME (LOSS)	**(232,290)**	**(243,080)**	**(243,980)**	**(199,282)**	**(194,984)**
NET OPERATING INCOME	**(232,290)**	**(243,080)**	**(243,980)**	**(199,282)**	**(194,984)**
NON-OPERATING INCOME:					
Miscellaneous Income(From Perp Care)	207,290	218,080	218,980	176,441	170,314
Rent - Tower	25,000	25,000	25,000	22,841	24,670
TOTAL NON-OPERATING INCOME	**232,290**	**243,080**	**243,980**	**199,282**	**194,984**
NET INCOME (LOSS)	**$0**	**$0**	**$0**	**$0**	**$0**

DEPARTMENT OF PUBLIC WORKS
REFUSE DISPOSAL SYSTEM
2013
GOALS AND OBJECTIVES

SPARTA LANDFILL

Goal 1: **Maintain and improve the closed landfill to insure compliance with U.S. EPA Administrative Order on Consent.**

Objective: Maintain, repair and improve landfill as needed to correct any erosion or other damage. This includes semi-annual site inspections, monitoring, regular mowing, sign replacement, fence repair, cap settlement regrading, drainage ditch and culvert maintenance, and related improvements.

Measurement: Compliance determined by U.S. EPA in Five-Year Review. The latest Five Year Review, 2012, the landfill was in compliance. Next Five-Year Review will be in 2017.

Goal 2: **Laboratory monitoring of groundwater, surface water, and residential well water in compliance with U.S. EPA Administrative Order on Consent.**

Objectives: Sample and analyze groundwater from monitoring wells to evaluate groundwater conditions. Sample and analyze water from residential wells and the Rogue River to ensure their protection.

Measurement: Compliance determined by U.S. EPA in Five-Year Review. The latest Five Year Review, 2012, the landfill was in compliance. Next Five-Year Review will be in 2017.

Goal 3: **Quarterly monitoring of landfill methane, and control of methane migration.**

Objectives: Monitor landfill methane in sample probe locations to evaluate migration of landfill methane. Control methane migration by venting methane through passive and wind-driven vents, by maintaining vent structures and adding new vents as needed.

Measurement: Ensure methane does not migrate to residences adjacent to the landfill. Compliance determined by U.S. EPA in Five-Year Review

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
SPARTA LANDFILL-567
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
NET OPERATING REVENUES	**$0**	**$0**	**$0**	**$0**	**$0**
OPERATING EXPENSES:					
Salaries & Wages:	43,700	43,200	43,900	43,226	42,863
Total Salary & Wages	**43,700**	**43,200**	**43,900**	**43,226**	**42,863**
FICA	3,300	3,300	3,400	3,169	3,146
Group Insurance	9,400	11,900	12,100	9,813	10,080
County Retirement Program	4,100	4,000	4,100	3,659	2,934
Workers Compensation Ins.	100	200	200	105	51
Retiree Health	1,000	1,000	1,000	916	925
Unemployment Compensation	180	170	180	0	0
Total S&W Fringe	**18,080**	**20,570**	**20,980**	**17,662**	**17,135**
Total Payroll Expense	**61,780**	**63,770**	**64,880**	**60,889**	**59,999**
Other Admin Costs & Operating Expenses:					
Printing & Binding	50	50	50	0	2
Postage	100	100	100	62	17
Administration	3,475	4,000	4,000	2,421	2,479
Other Contractual Service	7,000	7,000	7,000	3,015	5,925
Laboratory Fees	48,000	45,000	45,000	40,926	40,721
Rep & Maint-Grounds-Site	8,000	10,000	10,000	15,929	4,508
Surface Drainage & Lawn Care	1,000	0	0	0	0
Miscellaneous	1,000	1,000	1,000	0	59
Insurance & Bonds	250	150	150	120	88
Cost Allocation	3,400	3,050	3,050	3,240	3,768
Total Other Expenses	**72,275**	**70,350**	**70,350**	**65,714**	**57,568**
TOTAL OPERATING EXPENSES	**134,055**	**134,120**	**135,230**	**126,602**	**117,567**
OPERATING INCOME (LOSS)	**(134,055)**	**(134,120)**	**(135,230)**	**(126,602)**	**(117,567)**
NET OPERATING INCOME	**(134,055)**	**(134,120)**	**(135,230)**	**(126,602)**	**(117,567)**
NON-OPERATING INCOME:					
Miscellaneous Income-Perpetual Care	134,055	134,120	135,230	126,602	117,567
TOTAL NON-OPERATING INCOME	**134,055**	**134,120**	**135,230**	**126,602**	**117,567**
NET INCOME (LOSS)	**$0**	**$0**	**$0**	**$0**	**$0**

DEPARTMENT OF PUBLIC WORKS
REFUSE DISPOSAL SYSTEM
2013
GOALS AND OBJECTIVES

KENTWOOD LANDFILL

Goal 1: **Maintain and improve the closed landfill to insure compliance with U.S. EPA Consent Decree.**

Objective: Maintain, repair and improve, as needed, to correct any erosion or other site damage. This includes semi-annual site inspections, monitoring, regular mowing, regrading of gravel roads, gas vent repair, sign replacement, fence repair, cap settlement regrading, drainage ditch and culvert maintenance, and related improvements.

Measurement: Compliance determined by U.S. EPA in Five-Year Review. Latest Five Year Review (2009) in compliance. Next Five-Year Review will be in 2014.

Goal 2: **Operate, maintain and improve the leachate and groundwater collection and conveyance systems in compliance with U.S. EPA Consent Decree**

Objective: Operate, maintain and improve the systems to maximize leachate and groundwater extraction, and repair any wear or damage as it occurs. This includes regular inspections, monitoring, and upgrading of the lift station, manholes and extraction wells, maintenance or replacement of pumps, removal of sediment buildup in manholes and wells, jetting and vacuuming of sewers, and all other related improvements.

Measurement: Compliance determined by U.S. EPA in Five-Year Review. Latest Five Year Review (2009) in compliance. Next Five-Year Review will be in 2014.

Goal 3: **Operate and maintain the leachate pretreatment plant in compliance with POTW (Publicly Owned Treatment Works) discharge permit**

Objective: Operate the leachate pretreatment plant to attain required discharge quality and minimize expense, while repairing any wear or damage as it occurs. This includes daily inspection and monitoring of all plant functions, maintenance and replacement of equipment, and related sludge processing and disposal.

Measurement: Compliance determined by comparison to POTW Discharge Permit. Monthly compliance reports submitted to POTW. Annual operating expenses are within budget targets.

Goal 4: **Laboratory monitoring of groundwater, surface water, creek sediment, residential well water, leachate and pretreatment plant discharge in compliance with U.S. EPA Consent Decree and POTW discharge permit.**

Objectives: Sample and analyze groundwater from monitoring wells and leachate breakouts to evaluate extraction system performance. Sample and analyze water from residential wells, Plaster Creek, and sediments from Plaster Creek to ensure their protection. Sample and analyze wastewater and sludge from the Pretreatment Plant to ensure efficient operation, compliance with the POTW discharge permit and compliance with solid waste disposal criteria.

Measurement: Compliance determined by U.S. EPA in Five-Year Review and through comparison to cleanup criteria. Latest Five Year Review (2009) in compliance. Next Five-Year Review will be in 2014. Also comparison to POTW Discharge Permit limits ensures compliance.

Goal 5: **Implement recommendations from both the Michigan Department of Environmental Quality and U.S. EPA to improve the landfill site**

Objectives: Work with MDEQ and U.S. EPA to implement recommendations for improvements of the Kentwood Landfill site. Insure that recommendations are reasonable and will benefit the County and City of Kentwood. This may involve designing, preparing specifications and drawings and constructing improvements.

Measurement: Review the recommendations and note when completed.

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
KENTWOOD LANDFILL-568
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
OPERATING EXPENSES:					
Salaries & Wages:	103,000	104,100	104,700	102,233	100,429
Total Salary & Wages	**103,000**	**104,100**	**104,700**	**102,233**	**100,429**
Overtime	22,700	3,300	3,300	2,393	3,465
FICA	9,600	8,200	8,300	7,670	7,625
Group Insurance	26,300	27,900	28,300	23,228	23,618
County Retirement Program	11,700	10,000	10,000	8,854	7,107
Workers Compensation Ins.	300	600	600	254	120
Retiree Health	2,800	2,500	2,500	2,216	2,241
Unemployment Compensation	500	400	400	0	0
Total S&W Fringe	**73,900**	**52,900**	**53,400**	**44,615**	**44,177**
Total Payroll Expense	**176,900**	**157,000**	**158,100**	**146,848**	**144,606**
Other Admin Costs & Operating Expenses:					
Printing & Binding	200	500	500	0	59
Postage	200	200	200	216	193
Office Supplies	200	200	200	73	498
Uniforms & Accessories	500	500	500	470	462
Medical & Safety Supplies	1,500	1,400	1,400	1,134	2,125
Fire Fighting Supplies	500	500	500	371	540
Other Supplies-Small Tools200		200	200	172	156
Janitorial Supplies	150	200	200	140	125
Other Supplies	25	25	25	11	0
Administration	11,725	25,000	25,000	10,168	14,076
Auditing	0	550	550	489	1,277
Memberships & Subscriptions	275	200	200	262	109
Other Contractual Service	50,000	24,200	24,200	21,604	37,582
Software-System Support	550	550	550	220	0
Laboratory Fees	66,000	66,395	66,395	99,441	65,630
Telephone	2,350	2,714	2,714	2,271	2,216
Travel - Regular	100	100	100	0	137
Gas, Oil, Grease & Antifreeze	1,100	1,025	1,025	1,493	913
Advertising	50	50	50	0	0
Utilities	27,500	24,000	24,000	26,199	22,165
Rep & Maint-Grounds-Site	57,000	54,000	54,000	50,470	35,887
Haul Road	375	375	375	0	8,584
Leachate Pretreatment Chemical	1,928	2,882	2,882	1,836	1,489
Leachate Sewer Line Cleaning	8,000	10,000	10,000	1,377	11,424
Leachate Disposal	40,000	41,000	41,000	36,151	34,982
LFG Collection	0	0	0	179	0
Surface Drainage & Lawn Care	2,600	1,300	1,300	1,193	1,193
Rep & Maint-Buildings	500	500	500	405	310
Rep & Maint-Equipment	7,500	8,400	8,400	2,779	4,312
Rep & Maint-Vehicles	1,600	1,600	1,600	1,468	1,509
Miscellaneous	50	50	50	51	51
Employee Training & Improv.	600	600	600	506	8
Insurance & Bonds	1,100	500	500	578	303
Vehicles	0	0	0	0	7,000
Perpetual Care: Interest Offset	79,679	87,000	87,000	64,521	84,864
Interest Income Shortfall	356,321	348,000	348,000	370,838	1,400,000
Cost Allocation	15,000	10,600	10,600	18,408	9,048
Total Other Expenses	**735,378**	**715,316**	**715,316**	**715,492**	**1,749,227**

KENT COUNTY DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
KENTWOOD LANDFILL-568
2013 OPERATING BUDGET

	2013 BUDGET	Revised 2012 BUDGET	2012 BUDGET	2011 ACTUAL	2010 ACTUAL
TOTAL OPERATING EXPENSES	**912,278**	**872,316**	**873,416**	**862,340**	**1,893,832**
OPERATING INCOME (LOSS)	**(912,278)**	**(872,316)**	**(873,416)**	**(862,340)**	**(1,893,832)**
NET OPERATING INCOME	**(912,278)**	**(872,316)**	**(873,416)**	**(862,340)**	**(1,893,832)**
NON-OPERATING INCOME:					
Interest Earned-Money Max	63,743	69,600	69,600	51,616	67,891
Misc Inc(Perpetual Care Reserve)	285,057	278,400	278,400	0	0
Misc Inc - Accrual	381,022	349,853	350,733	351,909	340,753
Kentwood Share	182,456	174,463	174,683	162,145	365,188
TOTAL NON-OPERATING INCOME	**912,278**	**872,316**	**873,416**	**565,670**	**773,832**
NET INCOME (LOSS)	**$0**	**$0**	**$0**	**($296,670)**	**($1,120,000)**

To: *Board of Public Works*
From: *Bill Allen*
Subject: *2013 WTE Facility Budget Summary*
Date: *May 31, 2012*

MEMORANDUM

Attached to this memorandum is a draft Rate Study for FY 2013 that results in an estimated disposal fee of $45.00 per ton. The proposed fee is unchanged from the 2012 disposal fee. A history of WTE Facility disposal rates is included for your information.

Following is an overview, by Rate Task Number and page number, of the significant budget changes in the 2013 Tipping Fee Rate.

MAJOR RATE STUDY TASK CHANGES
(General)

The Budget continues to be based on receiving 222,500 tons, processing 187,000 tons with 35,500 tons of reject and transfer waste. Actual deliveries were 229,827 tons in 2011 and 229,069 tons in 2010. Increased use of the County's Single Stream Recycling Facility and a slow local economy are holding down growth in deliveries to the Facility.

This Budget is intended to set the stage for long term rate stability by pre-funding a significant portion of the five year Capital Improvement Plan (Task 12) and by funding the Rate Stabilization Account (Task 23). It is expected that these actions, coupled with a conservative estimate of revenues, will allow the continuation of the $45.00 per ton rate for up to five (5) years (through 2017) assuming expenses continue to inflate at roughly three (3) percent annually.

(Revenues)
Electric Revenue (Task 2 on Page 2) shows an increase of $215,491 compared to the 2012 Budget. The amount of electricity projected to be sold has been increased by 2,210,700 kWh (2.24 percent) to 100,980,000 kWh. Electric sales estimates were reduced for the 2012 budget because of a scheduled 18 day Turbine/Generator outage. The estimated price per KWh sold has been increased to reflect an average payment of 8.40 cents per KWh in 2013 compared to 8.00 cents in the 2012 Budget. The "Energy" portion of the electric payment may increase or decrease on a month-to-month basis tied to Consumers Energy's coal and coal plant maintenance costs.

Interest Income (Task 4 on Page 3) has been increased to $127,225 from the 2012 estimate of $112,500.

Miscellaneous Income (Task 5 on Page 4) is estimated at $330,000 to reflect a projected softening in the market for ferrous metal sold by the Facility.

(Expenses)

Capital Improvement Plan (Task 12 on Page 6) The County is responsible for funding the replacement or refurbishment of certain equipment and site improvements that will be necessary to ensure continued reliable operation of the Facility through the extended term (2023) of the Service Agreement with Covanta. The 2013 Capital Budget includes $729,650 for expenses in this category. Projects scheduled for 2013 include replacement of economizer sections in both boilers at a combined cost of $381,600, $71,250 to replace the stack roof, $38,150 for a high pressure steam piping x-ray survey, $10,900 for a pipe hanger inspection and $218,000 to replace the motor control center for the reactor pump house. The 2013 Capital Budget also includes $24,000 for the replacement of a truck with a lift gate (deferred from 2012), and $216,000 for the purchase of two (2) compactor transfer trailers.

The decision has been made to fund these expenses as they occur from the capital reserve and to maintain the account balance at approximately $3 million. A $1,125,000 contribution to the Capital Reserve is budgeted in 2013 with $700,000 being covered from reserves and $425,000 from the 2013 disposal fee. Annual contributions from reserves have also been pledged to cover $800,000 of annual costs in 2014, 2015 and 2016 and a contribution of $500,000 in 2017.

Repair and Maintenance (Task 14 on Page 7) Staff is projecting a $1,700 decrease in 2013 maintenance costs for a total of $183,500.

Covanta Operation & Maintenance Fee (Task 15 on Page 8) Covanta's O&M Fee is tied to tons processed. The 2013 budget is based on processing 187,000 tons. Covanta will need to operate the Facility at approximately 92 percent availability in order to process 187,000 tons of waste in any given year. The fee amount is adjusted annually based on a rolling five-year average of three inflation indices. The fee is also subject to adjustment if the waste heating value varies by more then 2 percent from a Base of 5,700 BTU/lb. Staff is estimating 3.8 percent inflation for an adjusted O&M Fee of $39.31 per ton processed ($7,350,794) in 2013.

Electric Payment to Covanta (Task 17 on Page 9) The revised Service Agreement pays Covanta a Base Fee of $0.051 per KWh sold beginning in 2009. Thereafter, the annual payment is adjusted utilizing the same three (3) indices employed in Task 15. Staff is projecting an inflation adjustment of 3.8 percent in 2013 increasing the payment to $0.0589 KWh with an estimated total of $5,947,722.

Ash Disposal Costs (Task 19 on Page 10) The cost of maintaining and closing cells in the ash monofill at the County's South Kent Site is increasing by $1.06/ton in 2013. The line item for leachate hauling costs has doubled to $176,800 based on the 2011 measured volume of leachate hauled to the Wyoming Clean Water Plant. Total Ash Disposal Costs are projected to increase by $133,450 to $574,600 in 2013.

Transfer Waste (Task 20 on Page 11) costs are projected to decrease by $31,744 to $1,645,105. The contracts for hauling transfer waste and for landfilling at a private site will be re-bid in July 2012. The leasing of six transfer trailers will be dropped from the bid package because of the reduction in transfer volume in recent years.

Rate Stabilization / Operating Reserves (Task 23 on Page 12) The Rate Stabilization portion of this Task is being reactivated after two years of nonuse. The 2013 Budget includes a Rate Stabilization Contribution of $445,000. Any additional revenue in excess of expenses from the 2012 and 2013 Budget Years will also be placed in the rate stabilization account. These funds will be available for drawdown (Task 6) beginning late in 2015 when expenses are projected to exceed revenues. Assuming that inflation remains close to three (3) percent, staff is confident that use of the rate stabilization account will enable the WTE Facility to maintain a $45/ton disposal fee through 2016 and very likely through 2017.

Direct Costs (Task 25 on page 13) Total Direct Costs are budgeted to decrease by $32,700 (2.3 percent) to $1,360,550 in 2013. A memorandum detailing 2012 contributions to the DPW Administrative Fund is attached for information purposes.

Resource Recovery Programs (Task 26 on page 14) The Resource Recovery Programs include Household Hazardous Collection Sites, electronics recycling, education programs about recycling and the pharmaceutical program. The actual cost of this program in the six cities is $222,500. A portion of this cost ($20,000) is charged to WTE reject and transfer waste as part of the disposal fee at South Kent Landfill. The 2013 Budget picks up the balance of the cost ($202,500) in this Task.

Utility And Insurance Costs (Task 27 on Page 15) are projected to decrease by $54,000 because of an adjustment for insurance costs. The budget for this Task includes a $76,500 line item set aside towards power purchases during the next scheduled T/G outage in 2018/2019.

In summary, expenses to be recovered by the disposal fee in 2013 total $10,013,139. This amount divided by 222,500 tons yields a 2012 disposal fee of $45.00/ton.

DEPARTMENT OF PUBLIC WORKS
WASTE TO ENERGY DIVISION
2013
GOALS AND OBJECTIVES

WASTE TO ENERGY FACILITY (WTE)

Goal 1: **Continue public education program about the "benefits" of waste-to-energy.**

Objective: Address cost versus value issues with the business community and the public at large.

Objective: Educate political representatives at the State and Federal level in support of designating WTE facilities as a renewable energy source and as a net reducer of green house gas.

Objective: Bring into focus the environmental, energy and security benefits of waste-to-energy.

Measurement: Level of support and feedback from the six participating cities.

Measurement: Public response to tours, pamphlets and related outreach programs.

Measurement: New ordinances or laws enacted effecting WTE facilities.

Goal 2: **Work with Covanta Energy, other staff and the engineering consultant to identify, evaluate and implement projects and/or programs to enhance efficiency, reduce in house utility use and to prolong the useful service life of the WTE Facility.**

Objective: Review combustion and environmental equipment systems to identify bottlenecks to the production of energy and determine the technical and economic feasibility of making improvements.

Objective: Develop action plan and negotiate cost sharing arrangements with Covanta (if required).

Objective: Obtain approval of capital projects to finance and construct these improvements.

Measurement: Review work product and bring viable project(s), Service Agreement changes (if required) and financing recommendations

to BPW for review and approval as part of the annual CIP and operating budgets.

Measurement: Implement approved projects and document results utilizing the data generated and documented through the Annual Consulting Engineer Report and through the Clean Corporate Citizen P2 reporting process.

Goal 3: **Continue work to implement the recommendations of the 2010/2011 Solid Waste Planning Study in developing an expanded system approach that will transition the WTE towards processing the majority of non-recycled residential waste generated in Kent County.**

Objective: Obtain input from the Advisory Committee and other municipalities in the development of expanded waste management programs and waste handling capacity.

Objective: Work with the Director in amending the County's Solid Waste Management Plan to implement the approved recommendations of the Planning Study.

Measurement: Complete the approval process of Plan Amendments by the County Board of Commissioners and by the required 2/3 majority of cities and townships by March 31, 2013.

Measurement: Assist in the development of new agreements and/or in the negotiation of changes to existing agreements with the six participating cities or other interested parties made necessary by Amendments to the Solid Waste Plan.

WASTE TO ENERGY OPERATIONS
RATE STUDY SUMMARY

	TASK #	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
REVENUES:					
ELECTRIC REVENUE	2 |	$8,481,407	$8,265,916	$8,660,955	$8,698,231
INTEREST INCOME	4 |	127,225	112,500	85,134	117,814
MISCELLANEOUS INCOME	5 |	330,000	350,000	690,295	586,592
RATE STABILIZATION DRAWDOWN	6 |	0	0	0	1,698,132
TOTAL REVENUE	8 |	$8,938,632	$8,728,416	$9,436,383	$11,100,769
EXPENSES:					
CAPITAL IMPROVEMENT PLAN	12 |	425,000	1,281,950	2,070,000	600,000
REPAIR AND MAINTENANCE	14 |	183,500	185,200	194,461	137,189
COVANTA:					
OPERATION & MAINTENANCE	15 |	7,350,794	7,082,270	6,807,825	6,528,067
ELECTRIC PAYMENT	17 |	5,947,722	5,600,219	5,473,360	5,492,313
RESIDUE ASH DISPOSAL	19 |	574,600	441,150	536,067	421,261
TRANSFER WASTE	20 |	1,645,105	1,676,849	1,933,115	1,752,020
DEBT SERVICE	22 |	0	0	0	10,641,525
RATE STABILIZATION/OPERATING RES	23 |	445,000	0	0	0
DIRECT COSTS	25 |	1,360,550	1,393,250	1,185,657	1,721,870
RESOURCE RECOVERY PROGRAMS	26 |	202,500	208,000	0	0
UTILITIES AND INSURANCE	27 |	817,000	871,000	566,188	594,173
TOTAL EXPENSES	29 |	18,951,771	18,739,888	18,766,673	27,888,418
EXPENSES TO BE RECOVERED BY TIPPING FEE	30 |	$10,013,139	$10,011,472	$10,896,249	$16,787,649
ESTIMATED TONNAGE					
WASTE RECEIVED	20 |	222,500	222,500	229,827	229,069
REJECT AND TRANSFER WASTE	20 |	35,500	35,500	45,059	40,226
ACTUAL TONS WASTE PROCESSED	20 |	187,000	187,000	185,905	188,686
TIPPING FEE-PER TON OF WASTE RECEIVED WITH RATE STABILIZATION USED	31 |	$45.00	$45.00	$40.59	$79.73

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 2 ELECTRIC REVENUE	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
CALCULATE THE AVERAGE HOURLY ELECTRICAL Kwh AT WTE				
Kwh TO BE PRODUCED PER YR	100,980,000	98,769,300	101,773,151	104,979,303
Kwh PRODUCTION %				
ON PEAK %	43.12	43.20	43.20	43.20
OFF PEAK %	56.88	56.80	56.80	56.80
ON PEAK ELECTRICAL PRODUCTION				
Kwh PRODUCED	100,980,000	98,769,300	101,773,151	104,979,303
% OF Kwh THAT ARE ON PEAK	0.431	0.432	0.431	0.437
ON PEAK Kwh TO BE PRODUCED	43,542,576	42,668,338	43,863,693	45,864,083
OFF PEAK ELECTRICAL PRODUCTION				
Kwh PRODUCED	100,980,000	98,769,300	101,773,151	104,979,303
% OF Kwh THAT ARE OFF PEAK	0.569	0.568	0.569	0.563
OFF PEAK Kwh TO BE PRODUCED	57,437,424	56,100,962	57,909,478	59,115,220
ON PEAK REVENUE				
Kwh PRODUCTION	43,542,576	42,668,338	43,863,693	45,864,083
FACTOR(FIXED)	0.0534	0.0534	0.0534	0.0534
FACTOR	0.0410	0.0355	0.0423	0.0387
TOTAL ON PEAK REVENUE	$4,110,419	$3,793,215	$4,198,400	$4,222,864
OFF PEAK REVENUE				
Kwh PRODUCTION	57,437,424	56,100,962	57,909,478	59,115,220
FACTOR(FIXED)	$0.0454	$0.0454	$0.0454	$0.0454
FACTOR	$0.0307	$0.0279	$0.0317	$0.0303
TOTAL OFF PEAK REVENUE	$4,370,988	$4,112,201	$4,462,554	$4,475,367
ELECTRIC REVENUE:				
ON PEAK	$4,110,419	$3,793,215	$4,198,400	$4,222,864
OFF PEAK	$4,370,988	$4,112,201	$4,462,554	$4,475,367
TOTAL ELECTRIC REVENUE	$8,481,407	$7,905,416	$8,660,955	$8,698,231
TURBINE OUTAGE RESERVE USAGE	0	360,500	0	0
TOTAL	$8,481,407	$8,265,916	$8,660,955	$8,698,231

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 4
INTEREST INCOME

	BUDGET 2013		BUDGET 2012		ACTUAL 2011	ACTUAL 2010
	AVERAGE BALANCE	INTEREST	AVERAGE BALANCE	INTEREST	INTEREST	INTEREST
ALL CASH ACCOUNTS INTEREST RATE 1.25%	$0	$10,000,000	$9,000,000	$112,500		
ESTIMATED INTEREST INCOME		$127,225		$112,500	$85,134	$117,814

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 5
MISCELLANEOUS INCOME

RECOVERY OF RESOURCES-FERROUS	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
GROSS TONS RECOVERED	3,300	3,500	3,282	3,481
NET REVENUE PER TON	$100.00	$100.00	$206.11	$163.66
TOTAL NET REVENUE	$330,000	$350,000	$676,457	$569,715
TIRE CHARGES	$0	$0	$1,856	$3,390
PENALTIES, GAIN ON SALE OF ASSETS, ETC	$0	$0	$11,982	$13,487
TOTAL NET REVENUE	$330,000	$350,000	$690,295	$586,592

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 6
RATE STABILIZATION

RATE STABILIZATION ACCOUNT USAGE	BUDGET 2013	BUDGET 2012	BUDGET 2011	BUDGET 2010
Rate Stabilization Account Balance	$0	$0	$0	$3,208,643
Rate Stabilization Drawdown %	100.00%	100.00%	100.00%	100.00%
Rate Stabilization Drawdown Amount	$0	$0	$0	$3,208,643
Actual Rate Stabilization Drawdown Used			$0	$1,698,132

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013
TASK 12
CAPITAL IMPROVEMENT PLAN

	ACTUAL 2010	ACTUAL 2011	BUDGET 2012	BUDGET 2013	BUDGET 2014	BUDGET 2015	BUDGET 2016	BUDGET 2017
ESTIMATED BALANCE FORWARD:	$1,424,901	$1,216,495	$2,955,936	$3,335,836	$3,491,186	$3,174,960	$3,006,672	$3,120,672
ANNUAL CONTRIBUTION:	600,000	2,070,000	1,500,000	1,125,000	1,125,000	1,125,000	1,000,000	700,000
CONTRIBUTION FROM FROM RESERVES:	0	0	(218,050)	(700,000)	(800,000)	(800,000)	(800,000)	(500,000)
TOTAL INCLUDED IN TIP FEE	600,000	2,070,000	1,281,950	425,000	325,000	325,000	200,000	200,000
CAPITAL IMPROVEMENT PROJECTS:								
ENVIRONMENTAL/FACILITY UPGRADE	463,288	0	600,000	0	0	0	0	0
EQUIP REPLACEMENT/REFURBISHMENT	128,886	251,381	385,100	729,650	766,976	953,538	469,000	363,000
VEHICLE REPLACEMENT W/LIFTGATE	0	0	0	24,000	0	0	0	0
TRUCK SCALES	0	0	0	0	0	225,000	0	0
RADIATION DETECTION SYSTEM	0	0	30,000	0	0	0	0	0
TRANSFER TRAILERS	154,436	0	105,000	216,000	314,250	114,750	0	0
FRONT END LOADER NEW/REBUILD	0	79,178	0	0	360,000	0	417,000	0
LEACHATE HOLDING TANK	61,796	0	0	0	0	0	0	0
TOTAL	808,406	330,559	1,120,100	969,650	1,441,226	1,293,288	886,000	363,000
NET RESERVE BALANCE	$1,216,495	$2,955,936	$3,335,836	$3,491,186	$3,174,960	$3,006,672	$3,120,672	$3,457,672

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NO. 14
REPAIR AND MAINTENANCE

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
GENERAL MAINT. & REPAIR	$15,500	$13,700	$19,374	$24,823
FUEL COSTS	53,500	47,500	36,159	25,492
COMPACTOR	0	0	0	0
SCALES & SCALEHOUSE	9,500	14,000	7,164	6,517
TRANSFER TRAILERS*	45,000	55,000	59,011	29,328
LOADERS / SWITCH TRACTOR	60,000	55,000	72,753	51,029
TOTAL	$183,500	$185,200	$194,461	$137,189

*ESTIMATED TRANSFER TRAILER MAINTENANCE ALLOCATION FOR 2013
5 County Owned Compactor Transfer Trailers assigned to WTE
5 County Owned Open Top Transfer Trailers assigned to WTE

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 15
OPERATION & MAINTENANCE FEE

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
PRIOR YEAR RATE PER TON	$37.87	$36.77	$36.05	$35.00
INFLATION / BTU ADJ FACTOR	1.0380	1.0300	1.0158	0.9894
CURRENT YEAR RATE PER TON	39.31	37.87	36.62	34.63
TONS PROCESSED	187,000	187,000	185,905	188,686
TOTAL OPER % MAINT FEE	$7,350,794	$7,082,270	$6,807,825	$6,528,067

NOTE:
The Base Fee was bid in 2009. The adjustment factor is an annual adjustment equal to the weighed value of the following three (3) inflationary indices.

- Engineering News Record "Materials" Index is 20 Percent of the Cumulative Factor
- Chemical Engineering "Plant Cost" Index is 20 Percent of the Cumulative Factor
- U.S. Bureau of Labor Statistics "Electric, Gas and Sanitation Workers" Index is 60 Percent of the Cumulative Factor
- The '2009' O&M Fee has been adjusted to reflect the sale of the DHCO and the 12/4/08 Amended & Restated Service Agreement with an initial Fee of $35.00/Ton Processed.
- The adjustment factor will continue to use inflationary factors identified and may also include an adjustment for an increase or decrease in the average BTU of the waste processed.

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 17
ELECTRIC PAYMENT TO COVANTA

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
NET ELECTRIC PAYMENT	$5,947,722	$5,600,219	$5,473,360	$5,492,313
Kwh SOLD	100,980,000	98,769,300	101,773,151	104,979,303
PAYMENT PER Kwh	$0.0589	$0.0567	$0.0538	$0.0523
	$5,947,722	$5,600,219	$5,473,360	$5,492,313
INFLATION FACTOR PER Kwh:	3.80%	3.00%	2.87%	3.90%

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 19
ASH DISPOSAL COSTS

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
TOTAL TONS PROCESSED	187,000	187,000	187,000	187,135
ASH TONS	42,500	42,500	41,236	41,709
LANDFILL FEE PER TON	$9.36	$8.30	$13.00	$10.10
	$397,800	$352,750	$536,067	$421,261
LEACHATE HAULING COSTS	176,800	88,400	-	-
TOTAL ASH DISPOSAL COSTS	$574,600	$441,150	$536,067	$421,261

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 20
TRANSFER WASTE COST

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
TONS TO TRANSFER				
TOTAL TONS RECEIVED	222,500	222,500	229,827	229,069
TONS PROCESSED	187,000	187,000	185,905	188,686
TONS TRANS - NET OF INV CHG	35,500	35,500	45,059	40,226
REJECT WASTE TO SOUTH KENT	5,500	5,500	5,384	6,387
TONS TRANSFERRED TO SOUTH KENT	14,500	14,500	14,662	15,078
TONS TRANSFERRED TO PARTICIPANTS	15,500	15,500	24,920	18,864
TRANSPORTATION COST				
CONTRACT COST PER TON	$9.04	$9.04	$7.42	$7.58
TOTAL TRANSPORT COSTS-TONS*RATE	$271,200	$271,200	$293,880	$257,280
TRAILER LEASE COST	$0	$109,200	$106,800	$104,400
LANDFILL FEE:				
SOUTH KENT:				
ANNUAL RATE	$35.36	$35.21	$35.23	$34.71
TOTAL LANDFILL COST-TONS*RATE	$512,720	$510,545	$516,605	$523,369
LANDFILL FEE:				
PARTICIPANTS:				
ANNUAL RATE	$35.36	$31.44	$29.65	$29.60
TOTAL LANDFILL COST-TONS*RATE	$548,080	$487,320	$738,933	$558,374
REJECT WASTE COSTS*	$313,105	$298,584	$276,896	$308,596
TOTAL TRANSFER WASTE COSTS	$1,645,105	$1,676,849	$1,933,115	$1,752,020

*NOTE: REJECT COST INCLUDES $4,500 FOR TIRES

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 23
RATE STABILIZATION / OPERATING RESERVES

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
RATE STABILIZATION NEEDS:	$445,000	$0	$0	$0
OPERATING RESERVES:				
PRIOR YEAR BUDGET @ 35%	6,558,961	6,709,386	9,584,609	9,807,788
CASH AVAILABLE	6,558,961	6,709,386	9,584,609	9,807,788
OPERATING RESERVE NEEDS:	0	0	0	0
TOTAL NEEDS:	$445,000	$0	$0	$0

OPERATING RESERVE TO BE AT 35% OF PRIOR YEAR BUDGET

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 25
WTE DIRECT COSTS

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
STAFF:				
WTE DIRECTOR	102,500	102,500	99,982	99,889
ACCOUNT CLERK	42,000	49,500	40,842	48,602
SCALE HS OPERATORS	131,000	127,000	124,615	123,114
TRANSFER STATION OPERATOR	102,000	98,800	97,718	95,871
LANDFILL UTILITY WORKER	0	17,500	0	0
WTE WASTE FLOW ENFORCEMENT	57,000	56,200	54,290	54,531
OVERTIME	36,000	37,000	36,182	35,957
STAFF SALARIES	470,500	488,500	453,629	457,964
FRINGE BENEFITS:				
FICA	36,000	37,400	33,404	33,933
HOSPITALIZATION	94,000	116,000	90,744	106,239
COUNTY RETIREMENT	43,750	39,000	40,900	32,187
WORKERS COMPENSATION	1,200	2,600	1,189	482
RETIREE HEALTH	9,200	10,700	9,505	9,896
FRINGE BENEFITS	184,150	205,700	175,742	182,737
OTHER COSTS:				
PRINTING & BINDING	1,500	1,500	1,085	1,410
POSTAGE	500	750	458	486
SUPPLIES & SERVICES	8,200	8,500	7,838	6,348
CONSULTANTS	50,000	50,000	37,975	38,414
MEMBERSHIPS & SUBSCRIPTIONS	2,500	2,500	1,544	2,321
TELEPHONE	4,200	4,500	3,777	3,588
TRAVEL - REGULAR	4,000	4,000	2,330	2,305
TRAVEL - CONFERENCES	3,000	3,300	2,594	1,464
DPW ADMIN FEE	520,000	450,000	409,792	414,226
CENTRAL SERVICES	52,000	50,000	54,546	36,713
RENT	0	3,500	2,915	2,915
LEGAL INCLUDING PERMIT COSTS	21,000	75,000	8,289	20,352
ENVIRONMENTAL PERMIT FEES	32,500	20,000	14,259	13,716
TRUSTEE FEES	0	0	0	1,750
AUDIT FEE	0	10,000	8,869	8,658
DHCO REFUNDS	0	0	0	514,101
MISCELLANEOUS	5,000	10,000	15	8,191
BATTERY RECOVERY	1,500	5,500	0	4,211
TOTAL OTHER COSTS	705,900	699,050	556,286	1,081,169
TOTAL WTE ADMINISTRATION COSTS	$1,360,550	$1,393,250	$1,185,657	$1,721,870

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 26
RESOURCE RECOVERY PROGRAMS

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
RESOURCE RECOVERY PROGRAMS	$202,500	$208,000	$0	$0

The Resource Recovery Programs include Household Hazardous Waste Collection Sites, electronics recycling, education programs about recycling and the pharmaceutical program.

WASTE TO ENERGY OPERATIONS
RATE STUDY FOR 2013

TASK NUMBER 27
UTILITY AND INSURANCE COSTS

	BUDGET 2013	BUDGET 2012	ACTUAL 2011	ACTUAL 2010
WATER	$92,000	$92,000	$72,850	$83,275
SEWAGE	164,000	164,000	127,906	148,895
GAS	18,500	45,000	10,994	19,252
ELECTRIC*	141,500	120,000	37,986	27,696
TOTAL OTHER UTILITIES	416,000	421,000	249,736	279,118
INSURANCE:	401,000	450,000	316,452	315,055
TOTAL INSURANCE	401,000	450,000	316,452	315,055
TOTAL	$817,000	$871,000	$566,188	$594,173

*NOTE: Next T/G Overhaul in 2018/2019.

WTE FACILITY HISTORY OF DISPOSAL RATES

YEAR	$ / TON	
1990	$39.07	
1991	$40.11	
1992	$49.59	
1993	$48.88	
1994	$48.50	
1995	$59.51	
1996	$59.51	
1997	$59.51	
1998*	$54.93	
1999**	$56.23	
2000	$57.98	
2001	$58.97	
2002	$59.97	
2003	$63.94	
2004	$67.33	
2005	$72.06	
2006	$74.98	
2007	$75.48	
2008	$79.37	
2009	$74.25	
2010	$73.25	
2011	$47.37	
2012	$45.00	
2013	$45.00	*Proposed*

* NOTE: 1997 Debt Refinancing Effective with 1998 Debt Service
** NOTE: 1998 $6.4 Million Air Pollution Control Bonds Effective with 1999 Debt Service

S:\WTE\BUDGET\WTE HISTORY OF DISPOSAL RATES.xls

MEETING DATE: **June 7, 2012**

AGENDA ITEM#: V – A – 1

BOARD OF PUBLIC WORKS ACTION REQUEST

SUBJECT: Solid Waste Plan

DIVISION: Solid Waste Division

PREPARED BY: Douglas G. Wood

ACTION REQUESTED:

Authorize Extension of Solid Waste Plan Amendment Public Comment Period

SUMMARY OF REQUEST:

The Solid Waste Plan Amendment comment period ended March 17th. The public hearing was held March 7, 2012. Due to significant interest in the Solid Waste Plan Amendment staff recommended extending the public comment period an additional 90 days. That time period will end on June 15, 2012. The State law procedure for approval of a plan amendment requires that the plan be submitted to the Board of Commissioners for action within 30 days of the close of the public comment period. Due to the complexity in drafting an ordinance for the solid waste plan, it is the opinion of staff to extend the public comment period for another 90 days. This will give staff time to prepare revisions to the amendment for review by the Solid Waste Plan Committee and the Board of Public Works. The public comment period will end on September 13, 2012.

SUGGESTED MOTION:

It was moved by_____ and seconded by_____ to extent the public comment period on the Solid Waste Plan Amendment for another 90-days and authorizes a public notice to be published declaring the extension.

ATTACHMENTS:

Public Notice

GOVERNING/ADVISORY BOARD APPROVAL DATE June 7, 2012

DEPARTMENT DIRECTOR: Douglas G. Wood

PUBLIC NOTICE

KENT COUNTY SOLID WASTE MANAGEMENT PLAN AMENDMENT

The Kent County Solid Waste Planning Committee has drafted a Solid Waste Management Plan amendment. The draft amendment has been approved by the Solid Waste Planning Committee for public hearing. The amendment will become Appendix F of the current plan which was approved in April 2000 and amended August 25, 2009 by the Michigan Department of Environmental Quality. The draft Plan addresses the County's strategies and methods to handle its solid waste for the next ten years. The amended Plan includes continued reliance on the existing integrated solid waste system of energy recovery, landfilling, recycling, household hazardous waste collection and expanded education in resource recovery.

As a result of the significant public interest and comment during the initial phase of the public comment period, the Kent County Board of Public Works has determined that it is in the public interest to extend the public comment period for another 90 days. A 90 day extension has been established for review by regulating agencies, all municipalities in the County and the general public. The draft Plan amendment can be reviewed by the public at the following location:

Kent County Department of Public Works
1500 Scribner NW
Grand Rapids, MI 49504

Written comments received through September 13, 2012 will be considered by the Committee prior to the final adoption and should be sent to:

Douglas G. Wood
Director
Kent County Department of Public Works
1500 Scribner NW
Grand Rapids, MI 49504

Copies of this Plan are available at cost. For further information, call 336-3694.

KENT COUNTY BOARD OF PUBLIC WORKS

Theodore J. Vonk, Chairperson

MEETING DATE: **June 7, 2012**

AGENDA ITEM#: V – B – 1

BOARD OF PUBLIC WORKS ACTION REQUEST

SUBJECT: Review and Acceptance of MDEQ 2012 Community Pollution Prevention grant

DIVISION: Solid Waste Operations-Resource Recovery

PREPARED BY: Dennis Kmiecik

ACTION REQUESTED:

Review and Acceptance of Michigan Department of Environmental Quality 2012 Community Pollution Prevention Grant

SUMMARY OF REQUEST:

The Department applied for and received notice awarding $63,883.50 from the Michigan Department of Environmental Quality 2012 Community Pollution Prevention Grant Program. The grant is for the West Michigan Take Back Meds initiative with partners from the City of Wyoming, City of grand Rapids, City of Holland and Kent County. The Department is the lead agency for the grant. Funds from the grant will be used for constructing a permanent storage area at the Waste-to-Energy Facility from storage of pharmaceuticals. The balance of the funds will be used for public education using various media outlets.

SUGGESTED MOTION:

It was moved by_____ and seconded by_____ to accept the MDEQ 2012 Community Pollution Prevention Grant in the amount of $63,883.50 and further authorizes the Director to execute the grant agreement.

ATTACHMENTS:

MDEQ Award Letter
Project Timeline and Summary
Grant Budget

GOVERNING/ADVISORY BOARD APPROVAL DATE June 7, 2012

DEPARTMENT DIRECTOR: Douglas A. Wood

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

May 16, 2012

KCDPW - Front Desk
MAY 23 2012
RECEIVED

Ms. Katherina Babins
Kent County Department of Public Works
Kent County Medication Take-Back
1500 Schribner, NW
Grand Rapids, Michigan 49504

Dear Ms. Babins:

The Department of Environmental Quality (DEQ) has completed the review process of applications submitted for funding under the 2012 Community Pollution Prevention Grant Program. I am pleased to inform you that your application for the *Kent County Medication Take-Back* project has been awarded $63,883.50. This award is subject to a finalized grant agreement between your organization and the DEQ, which will contain the terms and conditions for expenditure of the funds.

Your verbal or written acceptance of the grant offer must be received no later than **June 1, 2012**. Please notify Mr. Richard Alexander, at 517-335-7310 or at alexanderr1@michigan.gov, or via U.S. Mail at:

Mr. Richard Alexander
Assistant Office Chief
Office of Environmental Assistance
Department of Environmental Quality
P.O. Box 30457
Lansing, Michigan 48909

If you have questions regarding this grant award, please contact Mr. Alexander, or you may contact me.

Sincerely,

Bryce Feighner, Chief
Office of Environmental Assistance
517-241-1546

cc: Mr. Jim Sygo, Deputy Director, DEQ
Mr. Richard Alexander, DEQ
Mr. Chad Rogers, DEQ
Ms. Denise Simon, DEQ

Project Timeline

Quarter 1 *July August September*	Quarter 2 *October November December*	Quarter 3 *January February March*	Quarter4 *April May June*
Laying of cement Pad at WASTE-TO-ENERGY FACILITY	Development of community education programs - additional print brochures, information sheets,	Development of community education program - video and slide shows for target audiences	Post 5-10- minute video on pharmaceutical disposal and post link online to download and/or link to You Tube
Purchase of Storage container	Distribute E-toolkit on www.accesskent.com and/or Take Back Meds West Michigan sites	Market and post presentations online for public information/access	Radio campaign - vignettes and commercials one month -
Purchase of totes and scale for storage container and law enforcement use	Distribution of law enforcement containers for pharmaceutical drop box	Placement of 3rd M-Live ad	Send information out to schools for survey questionnaire.
Develop protocols for use of storage container	Development of internet M-Live ads and GR Press print ad	Placement of 2nd & 3rd GR Press print ad	Distribution of Questionnaire through website
Development of law enforcement specialized containers for pharmaceutical waste drop boxes	Placement of 1st & 2nd M-Live ad	Development of Radio campaign	Placement of 4th M-Live ads
Development and distribution of household tally sheets to pharmacies	Placement of 1st GR Press print ad	Development of Survey Monkey Questionnaire	Placement of 4th GR Press print ad
Development and distribution of tear-off survey sheets to pharmacies			Tally of questionnaire results
Tabulate Household tally sheets and survey sheets	Tabulate Household tally sheets and survey sheets	Tabulate Household tally sheets and survey sheets	Tabulate Household tally sheets and survey sheets

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL ASSISTANCE

PROJECT BUDGET FORM
(Authorized by 1994 P.A. 451)

Applicant Name:	Kent County Department of Public Works					
Project Name:	West Michigan Take Back Meds					
Tracking Code Number:						
STAFFING						
NAME & TITLE	HOURS	RATE	GRANT AMOUNT	LOCAL MATCH AMOUNT	TOTAL	
Kathy Babins, Resource Recovery Specialist, KCDPW	120.00	$ 25.73	$ -	$ 3,087.60	$ 3,087.60	
Elissa Soto, Office Administrator, KCDPW	50.00	$ 21.65	$ -	$ 1,082.50	$ 1,082.50	
Scott Schoolcrast, Asst. Sup. NKSA	15.00	$ 28.00	$ -	$ 420.00	$ 420.00	
Rob Edgar, Operator, NKSA	15.00	$ 20.90	$ -	$ 313.50	$ 313.50	
Ron Wier, Operator, NKSA	15.00	$ 19.83	$ -	$ 297.45	$ 297.45	
Reid Wagner, Pollution Control Tech., Holland BPW	120.00	$ 22.47	$ -	$ 2,696.40	$ 2,696.40	
Dan Schuitman, Environmental Svcs, City of Wyoming (2)	156.00	$ 26.48	$ -	$ 4,130.88	$ 4,130.88	
Kim Hackbardt, Biosolids Coord., City of Wyoming	78.00	$ 27.52	$ -	$ 2,146.56	$ 2,146.56	
Dave Oostindie, Environmental Svcs Sup.,City of Wyoming	182.00	$ 36.10	$ -	$ 6,570.20	$ 6,570.20	
Paul Kuklewski, City of Grand Rapids	104.00	$ 28.00	$ -	$ 2,912.00	$ 2,912.00	
STAFFING Subtotal			$ -	$ 23,657.09	$ 23,657.09	
FRINGE BENEFITS (not to exceed 40%)						
NAME & TITLE		RATE				
Kathy Babins, Resource Recovery Specialist, KCDPW			$ -	$ -	$ -	
Elissa Soto, Office Administrator, KCDPW			$ -	$ -	$ -	
Scott Schoolcrast, Asst. Sup. NKSA			$ -	$ -	$ -	
Rob Edgar, Operator, NKSA			$ -	$ -	$ -	
Ron Wier, Operator, NKSA			$ -	$ -	$ -	
Reid Wagner, Pollution Control Tech., Holland BPW			$ -	$ -	$ -	
Dan Schuitman, Environmental Svcs, City of Wyoming (2)			$ -	$ -	$ -	
Kim Hackbardt, Biosolids Coord., City of Wyoming			$ -	$ -	$ -	
Dave Oostindie, Environmental Svcs Sup.,City of Wyoming			$ -	$ -	$ -	
Paul Kuklewski, City of Grand Rapids			$ -	$ -	$ -	
FRINGE BENEFITS Subtotal			$ -	$ -	$ -	
STAFFING AND FRINGE BENEFITS Subtotal			$ -	$ 23,657.09	$ 23,657.09	
CONTRACTUAL SERVICES	HOURS or	RATE or				
NAME	UNITS	TOTAL				
Radio Advertisement	1.00	$20,700.00	$ 20,700.00	$ -	$ 20,700.00	
M-Live	1.00	$10,000.00	$ 10,000.00	$ -	$ 10,000.00	
Web Page Support	1.00	$ 3,000.00	$ 3,000.00	$ -	$ 3,000.00	
Kent County Health Department	1.00	$14,842.00	$ 14,842.00	$ -	$ 14,842.00	
Printed materials	1.00	$ 5,000.00	$ 5,000.00	$ -	$ 5,000.00	
		$ -	$ -	$ -	$ -	
		$ -	$ -	$ -	$ -	
		$ -	$ -	$ -	$ -	
		$ -	$ -	$ -	$ -	
		$ -	$ -	$ -	$ -	
CONTRACTUAL SERVICES Subtotal			$ 53,542.00	$ -	$ 53,542.00	
SUPPLIES, MATERIALS AND EQUIPMENT						
SUPPLIES & MATERIALS (itemize)	QUANTITY	COST				
Storage Container w/ shelving	1.00	$ 3,400.00	$ 3,400.00	$ -	$ 3,400.00	
Shipping cost	1.00	$ 500.00	$ 500.00	$ -	$ 500.00	
Cement pad	1.00	$ 2,400.00	$ 2,400.00	$ -	$ 2,400.00	
Totes	120.00	$ 24.05	$ 2,886.00	$ -	$ 2,886.00	
Label holder (6 pack)	20.00	$ 8.30	$ 166.00	$ -	$ 166.00	
Security cables	10.00	$ 8.95	$ 89.50	$ -	$ 89.50	
Weigh in scale	1.00	$ 900.00	$ 900.00	$ -	$ 900.00	
		$ -	$ -	$ -	$ -	
		$ -	$ -	$ -	$ -	
		$ -	$ -	$ -	$ -	
SUPPLIES AND MATERIALS Subtotal			$ 10,341.50	$ -	$ 10,341.50	
EQUIPMENT (any item over $1000)						
		$ -		$ -	$ -	
		$ -		$ -	$ -	
EQUIPMENT Subtotal				$ -	$ -	
SUPPLIES, MATERIALS AND EQUIPMENT Subtotal			$ 10,341.50	$ -	$ 10,341.50	

TRAVEL	MILES	RATE			
MILEAGE (not to exceed $.51/mile)		$ -	$ -	$ -	$ -
	NIGHTS	RATE			
LODGING		$ -	$ -	$ -	$ -
	QUANTITY	RATE			
MEALS		$ -	$ -	$ -	$ -
OTHER (itemize)	QUANTITY	RATE			
		$ -	$ -	$ -	$ -
		$ -	$ -	$ -	$ -
TRAVEL Subtotal			$ -	$ -	$ -
COST-SHARE Subtotal: (NPS Grants Only)			$ -	$ -	$ -
PROJECT Subtotal			$ 63,883.50	$ 23,657.09	$ 87,540.59
INDIRECT RATE (not to exceed 20% Staffing and Fringe Benefits)		0.00%	RATE		
INDIRECT COSTS (Summarize Below)			$ -	$ -	$ -
TOTAL GRANT AND MATCH BUDGET			$ 63,883.50	$ 23,657.09	$ 87,540.59
Project Percentage Split			72.98%	27.02%	

SOURCES OF MATCH:	DOLLAR VALUE COMMITTED:		
Organization	In Kind	Cash	Total
Wyoming Clean Water Plant	$ 12,847.64	$ -	$ 12,847.64
City of Grand Rapdis Industrial Pretreatment	$ 2,912.00	$ -	$ 2,912.00
North Kent Sewer Authority	$ 1,030.95	$ -	$ 1,030.95
Holland Board of Public Works	$ 2,696.40	$ -	$ 2,696.40
Kent County Department of Public Works	$ 4,170.10	$ -	$ 4,170.10
	$ -	$ -	$ -
	$ -	$ -	$ -
	$ -	$ -	$ -
	$ -	$ -	$ -
	$ -	$ -	$ -
Subtotal	$ 23,657.09	$ -	
Total Match Must Equal Amount in Budget Sheet Above			$ 23,657.09

SOURCE OF O&M:

SUMMARY OF INDIRECT CHARGES:

MEETING DATE: **June 7, 2012**

AGENDA ITEM#: VI – A

BOARD OF PUBLIC WORKS ACTION REQUEST

SUBJECT: Purchase of Closed Top, Live Floor, Compactor, Transfer Semi-Trailers

DIVISION: Waste-to-Energy, Solid Waste Operations (NKT)

PREPARED BY: Bill Allen, Waste to Energy Division Director

ACTION REQUESTED:

Approval of the purchase of two (2) closed top, live floor, compactor, transfer semi-trailers.

SUMMARY OF REQUEST:

Staff, working with the Purchasing Division, requested bids for the purchase of two (2) closed top, live floor, compactor, and transfer semi-trailers. One trailer will be for use in the WTE Transfer Operations and the other will be put into service at the North Kent Transfer Station. Four (4) bids were received May 15 (Tabulation Sheet is enclosed). The low bid of $93,700 per unit (total cost of $187,400 including freight) was from Steco, Manufactured by Gefco, Inc. The Department has utilized Steco trailers for a number of years and they have performed well. The purchase of this equipment is included in the 2012 Capital Budget.

SUGGESTED MOTION:

It was moved by_____ and seconded by_____ to authorize the purchase of two (2) closed top, live floor, compactor, transfer semi-trailers from Steco at a cost of $93,700 per unit and a total cost of $187,400.

ATTACHMENTS:

Bid Tabulation Sheet #1061

GOVERNING/ADVISORY BOARD APPROVAL DATE June 7, 2012

DEPARTMENT DIRECTOR: Douglas A. Wood

Kent County Purchasing Division

Bid/RFP/RFQ: 1061 Tabulation Sheet
Description: Transfer Trailers
Date: 5/15/2012

Respondent	*Amount**	*Alternate*
Steco	$93,700.00	☐
Spector Manufacturing	$102,893.00	☐
Hudsonville Trailer	$121,596.00	☐
Warren Equipment	$124,982.00	☐

**Note: This document shall not be construed as a comment on the responsiveness and is subject to change. This information is not an indicator of award.*

MEETING DATE: **June 7, 2012**

AGENDA ITEM#: VII – A

BOARD OF PUBLIC WORKS ACTION REQUEST

SUBJECT: Travel Request – SWANA Wastecon 2012

DIVISION: Administration

PREPARED BY: Elissa Soto

ACTION REQUESTED:

Review and approval for Douglas G. Wood and any Board Members to attend the SWANA Wastecon 2012 conference in Washington, D.C., August 14 – 16, 2012.

SUMMARY OF REQUEST:

Approval is being requested for Douglas G. Wood and any Board Members to attend the SWANA Wastecon 2012 conference on August 14 – 16. This year SWANA celebrates its 50th Anniversary. SWANA Wastecon is the only conference run by and for solid waste professionals in North America, to explore new technologies, practices and lessons learned.

Attendees will have the opportunity to network, and to learn who is trying something new and what they've learned in the process. SWANA has also designed a special Elected Officials Track aimed at educating board members and elected officials on issues that are important as solid waste professionals.

Total cost per person is $2056

SUGGESTED MOTION:

It was moved by_____ and seconded by_____ to approve conference travel for Douglas G. Wood and any Board members interested to attend the SWANA Wastecon 2012 conference being held in Washington, D.C. August 14-16, 2012 at an estimated cost of $2056 per person.

ATTACHMENTS:

Conference Agenda
Travel Request

GOVERNING/ADVISORY BOARD APPROVAL DATE June 7, 2012

DEPARTMENT DIRECTOR: Douglas G. Wood

COUNTY OF KENT
DEPARTMENT OF PUBLIC WORKS
CONFERENCE TRAVEL REQUEST

Employee Name: Douglas G. Wood **Date:** 5/23/2012

Name of Conference: SWANA's WASTECON 2012

Conference Location: Washington, D.C.

Conference Date(s): from 8/14/2012 to 8/16/2012

Departure Date: 8/14/2012 **Return Date:** 8/16/2012

	Requested	**Actual**
Transportation (tax exempt)	$600.00	$_____
☒Plane ☐Own Car ☐County Car		
Housing Cost	$750.00	$_____
Meals	$100.00	$_____
Registration	$559.00	$_____
Taxi/Bus/Shuttle/Car Rental	$50.00	$_____
Miscellaneous (tips, tolls, parking, etc.)	$_____	$_____
Total Expense	$2059.00	$_____
Less Prepaid Expense(s)	$_____	$_____
Total Reimbursement	$_____	$_____

Account Distribution: 513 443 862

Put Your Products and Services in Front of Solid Waste Professionals with Purchasing Power!

Sign up today to exhibit at WASTECON® 2012!

WASTECON® is the industry's premier event **for** solid waste professionals, **by** solid waste professionals. You can't afford to miss this exclusive opportunity to sell your products and services to a captive audience of key decision-makers across all facets of the industry.

Reserve your booth today to be among the 200+ exhibitors showcasing their products and services in front of 3,000 industry professionals.

Who Attends WASTECON®?

- CEOs, CFOs, COOs
- Chief Engineers
- Board of Commissioners
- Executive Directors
- Presidents
- Solid Waste Directors
- Transfer Station Managers
- Recycling Operators
- Recycling Coordinators
- Recycling Education Specialists
- Landfill Directors and Managers
- Directors of Public Works
- District and Branch Managers
- Landfill Supervisors
- Maintenance Directors
- Recycling Facility Managers
- Project Managers
- Business Managers
- Fleet Owners

and many more!

Attendees come to WASTECON® to...

- Research new products and services (63%)
- View products up close (52%)
- Research new suppliers (44%)
- Meet current suppliers (34%)
- Form new business alliances (24%)

Attendees are looking for...

- Environmental Consulting/ Engineering Services (55%)
- Computer Hardware/Software (36%)
- Collection/Hauling Equipment (35%)
- Waste Material Processing: MRF, Transfer Station Equipment (34%)
- Disposal/Landfill Equipment (33%)
- Business Services (31%)

Quick Facts:
- 3,000 attendees
- 200+ exhibitors
- 13 hours of exhibit time that do not compete with technical sessions
- Exhibit Hall Specialty Pavilions for Waste Conversion Technologies, Collection Technology Innovations, Organics, and more
- NEW Young Professionals Initiative

Rates:
SWANA Member Rate:
100-200 sq. ft. - $26/sq. ft.
300+ sq. ft. - $23/sq. ft.

Non-Member Rate:
100-200 sq. ft. - $30/sq. ft.
300+ sq. ft. - $28/sq. ft.

Exhibit Hours:
Tue., Aug.14 • 10am - 2pm
Wed., Aug. 15 • 11am - 5pm
Thur., Aug. 16 • 9am - 12pm

View the floor plan and current exhibitor list at shows.swana.org

Contact Rich Ryan, Exhibit Sales Manager at 330-686-0353 or exhibits@swana.org to reserve your space today!

Visit www.wastecon.org for more information.

Schedule at a Glance

Sunday, August 12

7:00am - 5:00pm	Registration and Badge Pick-Up
8:00am - 5:30pm	SWANA Training Center
6:00pm - 8:30pm	SWANA Certification Celebration

Monday, August 13

7:00am - 7:00pm	Registration and Badge Pick-Up
7:00am - 4:00pm	Golf Tournament (Bus departs at 7:00am, Shotgun start at 9:00am)
8:00am - 5:00pm	Facility Tours
8:00am - 5:00pm	Washington Insider's Experience
8:00am - 5:30pm	SWANA Training Center
8:00am - 5:30pm	Implementing an Energy-from-Waste Project Workshop
5:30pm - 7:00pm	Ignite® WASTECON
7:00pm - 9:00pm	Opening Reception
9:30pm - 12:00am	Young Professionals Networking Event

Tuesday, August 14

7:00am - 3:00pm	Registration and Badge Pick-Up
8:00am - 5:30pm	SWANA Training Center
8:30am - 9:45am	SWANA Awards Breakfast
9:45am - 10:00am	Opening Ceremonies
10:00am - 2:00pm	Exhibit Hall Open
2:00pm - 5:00pm	Concurrent Technical Sessions
2:00pm - 5:00pm	Collection Technology Innovations Showcase
2:00pm - 5:00pm	Waste Conversion Technologies Showcase
2:00pm - 5:00pm	Health and Safety Series

Wednesday, August 15

7:30am - 5:00pm	Registration and Badge Pick-Up
8:00am - 11:30am	SWANA Certification Testing Center
9:00am - 9:30am	SWANA Annual Business Meeting
9:30am - 11:00am	WASTECON General Session & Lawrence Lecturer
11:00am - 5:00pm	Exhibit Hall Open
3:00pm - 5:00pm	Trade Show Reception
6:00pm - 9:00pm	Networking Event featuring the Capitol Steps

Thursday, August 16

8:30am - 12:00pm	Registration and Badge Pick-Up
9:00am - 12:00pm	Exhibit Hall Open
12:00pm - 3:00pm	Concurrent Technical Sessions
12:00pm - 3:00pm	Collection Technology Innovations Showcase
12:00pm - 3:00pm	Waste Conversion Technologies Showcase
3:00pm - 4:00pm	WASTECON 2013 Kick-Off Party

Registration Fees

SWANA is committed to continuing to be the best value in solid waste technical education. Reserve your hotel room online with SWANA's exclusive housing provider, VIP Meetings, and enter the discount code from your confirmation email on your online registration to receive a **$200 rebate on your Full Conference, Elected Official, Young Professional or Training Package registration!** See page 25 for details.

CONFERENCE REGISTRATION OPTIONS	Member Rate with Hotel Rebate (Until 7/1/12)	Member Rate	Non-Member Rate
Full Conference Registration Full Registration includes: • One Ticket to the Opening Reception: August 13 • One Ticket to the Awards Breakfast: August 14 • Access to the Exhibit Hall: August 14-16 • Access to WASTECON Technical Sessions: August 14-16 • One Ticket to the Wednesday Night Networking Event: August 15 • Access to the online WASTECON Proceedings	**$759**	**$959**	**$1,175**
Young Professional Conference Package *Subject to verification – must be a SWANA member and accompanied by a Full Conference Registration.* Elected Officials Package includes: • One Ticket to the Opening Reception: August 13 • One Ticket to the Awards Breakfast: August 14 • Access to the Exhibit Hall: August 14-16 • Access to WASTECON Technical Sessions: August 14-16 • One Ticket to the Wednesday Night Networking Event: August 15 • Access to the online WASTECON Proceedings	**$659**	**$859**	**$1,075**
Elected Officials Package *Subject to verification – must be accompanied by a Full Conference Registration.* Elected Officials Package includes: • One Ticket to the Opening Reception: August 13 • One Ticket to the Awards Breakfast: August 14 • Access to the Exhibit Hall: August 14-16 • Access to WASTECON Technical Sessions: August 14-16 • One Ticket to the Wednesday Night Networking Event: August 15 • Access to the online WASTECON Proceedings	**$659**	**$859**	**$859**
Student Registration *Requires SWANA student membership and includes only technical sessions, proceedings and exhibit hall access.*	**FREE (SWANA Student Members Only)**		
Student Extended Package Requires SWANA Student Membership and a valid Student ID. *Extended Package Includes:* One Ticket to the Opening Reception: August 13 • One Ticket to the Awards Breakfast: August 14 • Access to the Exhibit Hall: August 14-16 • Access to WASTECON Technical Sessions: August 14-16 • One Ticket to the Wednesday Night Networking Event: August 15 • Exhibit Hall lunch tickets for Tue, Wed and Thu	**$250 (SWANA Student Members Only)**		

Not a SWANA member? Join before you register to receive the discounted pricing! See page 24 for details.

TRAINING COURSE REGISTRATION PACKAGES

	Member Rate with Hotel Rebate (Until 7/1/12)	Member Rate	Non-Member Rate
Three-Day Courses: Sunday, August 12 - Tuesday, August 14			
Managing Integrated Solid Waste Management Systems	**$950**	**$1,150**	**$1,400**
HHW & CESQG Facilities	**$950**	**$1,150**	**$1,400**
Manager of Landfill Operations (MOLO)	**$950**	**$1,150**	**$1,425**
Managing Composting Programs	**$950**	**$1,150**	**$1,400**
Managing MSW Collection Systems	**$950**	**$1,150**	**$1,400**
Managing MSW Recycling Systems	**$950**	**$1,150**	**$1,400**
Managing MSW Transfer Stations	**$950**	**$1,150**	**$1,400**
Two-Day Courses: Monday, August 13 - Tuesday, August 14			
Organics Collection	**$750**	**$950**	**$1,100**
Manager of Bioreactor Landfill Management	**$855**	**$1,055**	**$1,389**

Training Course Packages include:

- One Ticket to the SWANA Certification Celebration: August 12
- One Ticket to the Opening Reception: August 13
- Access to the Exhibit Hall: August 14-16
- Access to WASTECON Technical Sessions: August 14-16
- One Ticket to the Wednesday Night Networking Event: August 15
- Access to the online WASTECON Proceedings
- Continental Breakfast and Lunch on the days of the course

Certification Exams (Wednesday, August 15) *Exams are NOT included in the training course registration packages. See page 6 for full list of exams offered.*	**$200**	**$350**

SPECIAL EVENT TICKETS

SWANA Certification Celebration (Sunday, August 12)	**$100**	**$100**
Washington Insider's Event (Monday, August 13)	**$100**	**$150**
Implementing an EfW Project Workshop (Monday, August 13)	**$350**	**$450**
Facility Tours (Monday, August 13)	**$100**	**$150**
Golf Tournament (Monday, August 13)	**$95**	**$95**
Opening Reception Ticket (Monday, August 13)	**$60**	**$60**
SWANA Awards Breakfast (Tuesday, August 14)	**$55**	**$55**
Networking Event (Wednesday, August 15)	**$75**	**$75**

ADDITIONAL REGISTRATION OPTIONS

One Day Registration	**$259**	**$509**
Spouse/Travel Companion Meals & Receptions Package *Subject to verification – must be accompanied by a Full Conference Registration or Training Package.* *Spouse/Travel Companion Package includes:* • One Ticket to the Opening Reception: August 13 • One Ticket to the Awards Breakfast: August 14 • Access to the Exhibit Hall: August 14-16 • One Ticket to the Wednesday Night Networking Event: August 15 • Exhibit Hall lunch tickets for Tue, Wed and Thu	**$250**	
Exhibit Hall Only	**Free** *(requires registration)*	
Exhibit Hall Lunch Tickets	**$25/day**	