Appendix A to Report WMC16-009

Peterborough County/City Waste Management Facility

2017 Draft Budget Assumptions

Tonnages

ITEM	2016 TONNES		2017 DRAFT BUDGET
	BUDGET	ACTUAL ESTIMATE	
Garbage subject to full tipping fee (1)	17,000	15,600	15,600
Garbage exempt from tipping fee (2)	29,500	29,000	29,300
Daily Cover (Contaminated Soil) (3)	21,500	21,500	21,500
Asbestos (4)	200	270	270
Recyclables subject to regular tipping fee (5)	5,800	4,000	4,000
Recyclables subject to other tipping fee(6)	700	600	600
Recyclables exempt from tipping fee (7)	700	600	600
Tire Units (8)	2,500	2,500	2,500
Freon Units (9)	560	1,200	1,200
Mattresses (10)	8,500	11,300	11,300

Notes

(1) Lower than predicted. No significant trend or obvious reason. Maintain 2017 at estimated 2016 value.
(2) No significant change anticipated.
(3) No significant change anticipated. This category includes “overs” from the processing of construction & demolition recycled material.
(4) Slight increase in 2016 actual level. Maintain 2017 at estimated 2016 value.
(5) This is mainly Construction & Demolition materials. 2016 Budget estimate was high. Maintain 2017 estimate at 2016 Actual Estimate.
(6) These are typically scrap metal, green waste, drywall and blue box materials, and bulky plastics.
(7) These are WEEE & loads under 100 kg.
(8) No significant change anticipated.
(9) 2017 value increased to match 2016 actuals.
(10) 2016 Budget was low. Have matched 2017 budget to 2016 estimated actual.

APPENDIX B to Report WMC16-009
Summary of Landfill Activity 2014 - 2016 and 2017 Budget

	2014 Budget	2014 Actual	2015 Budget	2015 Actual	2016 Budget	2016 Estimate	2017 Budget
Gross Revenues							
Tipping Fees	2,830,425	2,744,374	2,565,401	2,299,409	3,076,900	2,600,000	2,896,600
Rental Properties	100,000	88,490	90,000	87,840	80,000	87,000	87,000
Stewardship fees - tires	10,000	3,642	3,000	18,314	1,500	10,000	10,000
Scrap Metal	25,000	58,542	30,000	44,830	30,000	40,000	35,000
LFG Agreement	20,000	79,640	100,000	73,434	75,000	75,000	75,000
Certified Emissions Reduction Credits	65,000	63,703	65,000	63,280	65,500	65,500	38,000
	3,050,425	3,038,391	2,853,401	2,587,107	3,328,900	2,877,500	3,141,600
Gross Expenditures							
Salaries, Wages, Benefits, Training & Corporate Admin	264,237	295,737	266,648	292,835	267,120	267,120	261,839
Materials, Property Taxes and Insurance	166,855	158,682	246,923	135,718	143,392	131,478	163,031
Site and Weighscale Operator	1,320,012	1,320,641	1,359,630	1,360,260	1,542,430	1,400,964	1,442,435
Monitoring Consultants	450,000	323,541	410,000	374,350	385,000	360,000	470,000
Leachate Disposal	300,000	243,311	300,000	197,997	560,000	560,000	560,000
Landfill Recyclables	350,000	470,200	630,000	600,672	600,000	600,000	600,000
Shame Agreement and WM Steering Committtee	65,000	57,386	60,000	54,812	60,000	60,000	60,000
Rental Property Expenses	20,000	23,909	30,000	14,212	25,000	5,000	10,000
Township Royaly Fees	312,000	340,003	331,000	309,837	342,364	340,000	340,716
Other Contractual Services	75,000	62,132	180,000	50,809	180,000	100,000	100,000
	3,323,104	3,295,542	3,814,201	3,391,502	4,105,306	3,824,562	4,008,021
Net Revenues/(Expenses) to Share	(272,679)	(257,151)	(960,800)	(804,395)	(776,406)	(947,062)	(866,421)
County Share @ 50%	**(136,340)**	**(128,576)**	**(480,400)**	**(402,198)**	**(388,203)**	**(473,531)**	**(433,211)**

Operational Revenues

Tipping Fees

- Budget estimate based on maintaining existing tipping fees except for an increase in tipping fee from $20/tonne to $40/tonne for Construction and Demolition Overs.

Rental Properties

- Slight increase to match cost of living index.

Stewardship Revenues

- 2016 Budget was low. Maintain 2017 Budget at 2016 Actual Estimate.

Scrap Metal

- Assumed increased volume based on estimated 2016 Actual.

LFG Agreement

- Royalty maintained at 2016 level.

Certified Emissions Reduction Credits

- Slight unit rate increase based on Cost of Living Index but program ends July, 2017 so total revenue is reduced from 2016.

Operational Expenses

Salaries, Wages, Benefits, Training and Corporate Administration

- City salaries up by almost 1.5%. No change in allocation of staff to Landfill site;
- County Staff resources allocated to Landfill site assumed same as 2016; and
- Training increased because the Co-ordinator, Waste Operations needs to be recertified.

Materials, Property Taxes and Insurance

- The major adjustment in this area is an increase in the cost of daily data processing to allow for an upgraded system to be installed at the weigh scale.

Site and Weigh Scale Operator

- 2017 cost based on agreement. Reduced from 2016 because in 2016, mattress recycling costs were included in the Site and Weigh Scale Operator's account. Now mattress costs are included in landfill recyclables.

Monitoring Consultants

- Standard costs for yearly reporting based on established work program and estimate of additional work that may be required. Have included additional funds to design/tender/inspect reconstruction of lower platform retaining wall and to advise on Cap & Trade matters if required.

Leachate Disposal

- Leachate unit disposal costs have remained at 2016 levels. This cost will be reduced when Cell 2 is completed and fully capped.

Landfill Recyclables

- No change assumed for 2017.

Shame Agreement and WM Steering Committee

- No change assumed for 2017 other than Cost of Living Index.

Rental Property Expenses

- Expense estimates reduced to reflect anticipated reduced work necessary on rental properties in 2017.

Township Royalty Fees

- No change for 2017 other than Cost of Living Index.

Other Contractual Services

- 2017 budget has been reduced based on 2016 actual costs.

APPENDIX C TO REPORT WMC16-009

PETERBOROUGH COUNTY/CITY WASTE MANAGEMENT FACILITY ESTIMATED CAPITAL BUDGET – AS OF JUNE 2016

NO.	ITEM	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	TOTAL
1	Landfill Vehicle*																		$0
2	Final Cover for Cell 2	$250,000																	$250,000
3	Perimeter LFG Collection System in Cell 3	$200,000																	$200,000
4	Vertical LFG Collection Wells in Cell 2	$360,000																	$360,000
5	Haul Soil Off-site	$1,450,000 [1]	$1,450,000 [1]	$1,450,000 [1]															$4,350,003
6	Construct Cell 4				$4,100,000														$4,100,000
7	Perimeter LFG Collection System in Cell 4					$130,000													$130,000
8	Final Cover Cell 3							$80,000 [1]	$80,000 [1]	$80,000 [1]									$240,003
9	Vertical LFG Collection Wells in Cell 3								$330,000 [3]						$130,000 [4]				$460,007
10	Final Cover Cell 4														$110,000 [1]	$110,000 [1]	$110,000 [1]		$330,003
11	Vertical LFG Collection Wells in Cell 4														$130,000 [5]		$425,000 [6]		$555,011
12	Rebuild Lower Platform Retaining Wall	$100,000																	
13	Reuse Building	$30,000 [7]																	$30,007
	TOTAL	$2,390,000	$1,450,000	$1,450,000	$4,100,000	$130,000	$0	$80,000 #	$410,000	$80,000	$0	$0	$0	$0	$370,000	$110,000	$535,000	$0	$11,005,034

1. Approximately 33% each year
2. Not Used
3. On East Side of Cell 3
4. On West Side of Cell 3
5. On East Side of Cell 4
6. On West Side of Cell 4
7. City Cost Only

* Eliminated from Capital Budget since depreciating over 10 years under Operating Budget