

## SOLID WASTE MANAGEMENT FUND

The Solid Waste Facility (SWF) is responsible for the disposal of waste in accordance with regulations and facilitates recycling.

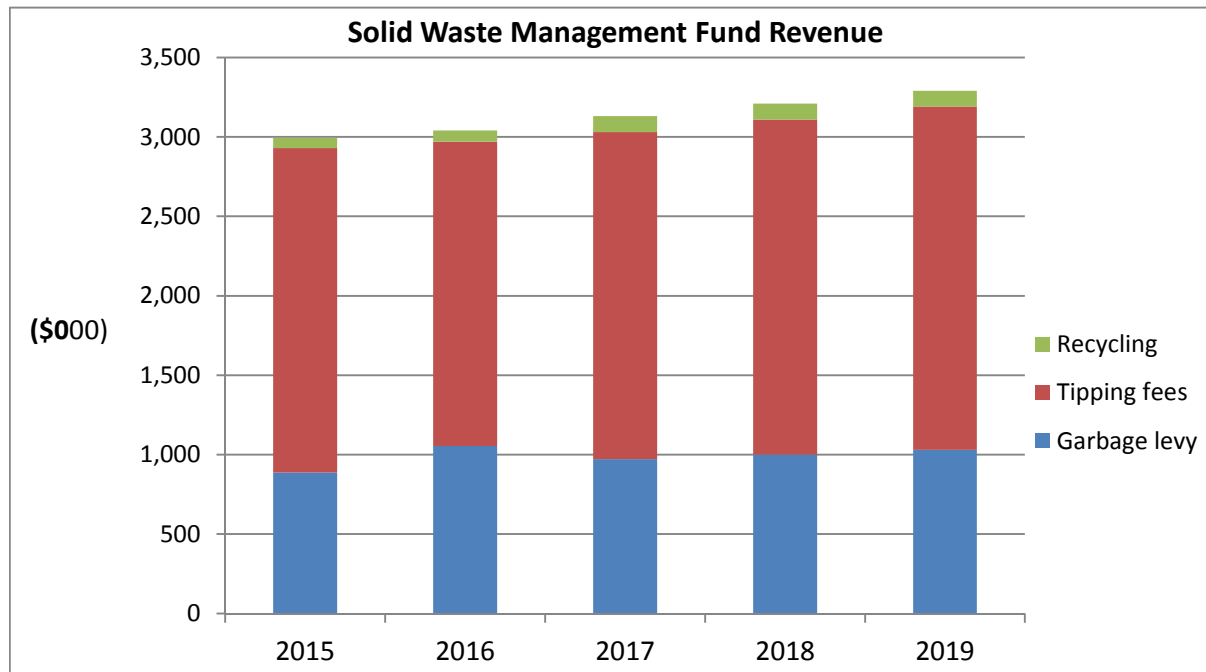
Solid Waste Management Fund Budget							
	2015 Actual (\$000's)	2016 Budget (\$000's)	2016 Forecast (\$000's)	2017 Budget Approved (\$000's)	2018 Budget (\$000's)	2019 Budget (\$000's)	Note
<b>Revenue</b>							
Government Transfer	-	-	8	-	-	-	
User Charges							
Solid Waste Levy	887	911	1,055	971	1,001	1,031	(1)
Tipping Fees	2,043	2,017	1,915	2,059	2,109	2,160	(1)
Sales of Recyclables	64	100	70	100	100	100	
	2,994	3,028	3,048	3,130	3,210	3,291	
Allocated to Capital	-	(278)	(278)	-	-	-	
	2,994	2,750	2,770	3,130	3,210	3,291	
<b>Expenditures (By Activity)</b>							
Waste Collection	309	329	318	341	352	365	
Waste Processing	1,254	1,382	1,288	1,298	1,332	1,370	
Waste Recycling	348	435	344	401	411	422	
Site Restoration/Closure							
-Annual Accrual	418	94	420	420	420	420	
Amortization	652	661	642	1,051	1,069	1,054	
	2,980	2,900	3,012	3,510	3,584	3,630	
<b>Net Revenue (Expenditures)</b>	14	(151)	(243)	(380)	(375)	(339)	
<b>Interfund Transfers</b>							
(To) From General Fund	-	(318)	(318)	(326)	(334)	(342)	(2)
Change in Fund Balance							
Before Reallocation of Expenses Related to Investment in Tangible Capital Assets	14	(468)	(560)	(706)	(708)	(681)	
Reallocation of Expenses Related to Investment in Tangible Capital Assets	652	661	642	1,051	1,069	1,054	
<b>Change in Fund Balance</b>	666	193	82	345	361	373	
<b>Opening Balance</b>	(17,295)	(706)	(16,629)	(16,548)	(16,202)	(15,842)	
<b>Closing Balance</b>	(16,629)	(513)	(16,548)	(16,202)	(15,842)	(15,469)	(3)
<b>Expenditures (By Object)</b>							
Wages & Benefits	963	983	938	985	1,011	1,038	
Other O&M	2,017	1,918	2,074	2,525	2,573	2,592	
	2,980	2,900	3,012	3,510	3,584	3,630	
<b>Details of Other O&amp;M</b>							
General Services (Contracted & Recycling Costs)	627	749	656	677	698	718	
Materials	37	58	58	59	61	62	
Maintenance	77	82	82	84	86	89	
Utility- Fuel	32	51	35	54	56	58	
Utility- Power	79	86	80	82	84	87	
Vehicle O&M & Fuel	96	137	100	97	100	105	
Amortization	652	661	642	1,051	1,069	1,054	
Others (Landfill Closure Accrual)	418	94	420	420	420	420	
	2,017	1,918	2,074	2,525	2,573	2,592	

### Notes:

- (1) Revenues are based on the assumption that the user fee rates will increase at 2.5% per year from 2017 to 2019.
- (2) The administration fee transferred to the General Fund is based on the estimated cost of administrative services provided to the SWM Fund.
- (3) Mostly resulted from the increase in landfill closure liability of \$16.1M in 2014, \$0.4M from 2015 onwards.

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Solid Waste Management Performance Measures	Projected 2015	Actual 2015	Projected 2016	Forecasted 2017	Forecasted 2018	Forecasted 2019	Notes
<b>Workload Indicators</b>							
Material Incoming (Metric Tonnes):							
Residential	4,150	4,120	4,100	4,100	4,100	4,100	
Municipal	38,000	33,175	35,000	35,000	34,000	34,000	
Commercial	20,000	19,864	20,000	25,000	25,000	25,000	
Total Tonnes Received	62,150	57,159	59,100	64,100	63,100	63,100	
Material diverted from waste stream (Metric Tonne):							
Appliances @ 68 kg each	145	127	140	140	140	140	
Appliances with freon @ 90 kg each	48	45	50	50	50	50	
Newsprint/cardboard/paper/boxboard	1,800	1,590	1,800	2,000	2,200	2,200	
Aluminum cans							
Steel / tin / scrap metal	700	364	850	850	850	850	
Batteries @ 9 kg each	42	25	25	25	25	25	
Mixed recycling (plastics, glass, tin cans)	120	202	200	200	200	200	
Tires @ 19 kg each	0	0	0	0	0	0	(1)
Tires Oversized @ 50 kg each	0	0	0	0	0	0	(1)
E-waste shipped	50	40	11	0	0	0	(2)
Vehicles received to be shipped (1500kg)	160	143	120	100	80	80	
Propane tanks @ 7.7 kg each	2	2	2	2	2	2	
Tree branches / organics	458	448	500	550	550	550	
Additional recycling:							
Hazardous waste	12	10	12	12	12	12	
Total of Material Diverted	3,537	2,996	3,710	3,929	4,109	4,109	
Items reused on-site:							
Wood waste re-used for cover material (Metric Tonne)	235	222	230	250	250	250	
Tires @ 19 kg each	129	126	130	130	130	130	(3)
Tires Oversized @ 50 kg each	25	32	30	30	30	30	(3)
Contaminated soil	10	10	0	0	0	0	(4)
Contaminated water	0	0	0	0	0	0	(4)
Asphalt	3,000	2,955	3,200	3,800	3,800	3,800	
Clean fill	21,500	20,462	30,000	32,000	32,000	32,000	
Total Re-used	24,899	23,807	33,590	36,210	36,210	36,210	

(Cont'd...)

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Solid Waste Management Performance Measures (cont'd)	Projected 2015	Actual 2015	Projected 2016	Forecasted 2017	Forecasted 2018	Forecasted 2019	Notes
<b>Effectiveness Measures</b>							
Curbside Organics Program (Metric Tonne):							(5)
Incoming Volume Organics - Range Lake Phase 1	84	82	85	87	89	93	(6)
Incoming volume Waste - Range Lake Phase 1	244	241	238	236	234	230	(6)
% Diversion Range Lake	26%	25%	26%	27%	28%	29%	
Incoming Volume Organics - Old Town Phase 2	27	25	114	117	125	128	(7)
Incoming volume Waste - Old Town Phase 2	45	55	295	292	300	295	(7)
% Diversion Old Town	38%	31%	28%	29%	29%	30%	
Incoming Volume Organics - Frame Lake Phase 3	-	-	46	195	210	225	(8)
Incoming volume Waste - Frame Lake Phase 3	-	-	137	545	570	580	(8)
% Diversion Range Lake	-	-	25%	26%	27%	28%	
Incoming Volume Organics - Downtown Phase 4	-	-	-	25	100	105	(9)
Incoming volume Waste - Downtown Phase 4	-	-	-	77	290	285	(9)
% Diversion Old Town	-	-	-	25%	26%	27%	
% of materials reused on site	40.1%	41.7%	56.8%	56.5%	57.4%	57.4%	
% Diversion	5.7%	5.2%	6.3%	6.1%	6.5%	6.5%	(10)
<b>Notes:</b>							
(1) Tires are no longer shipped south due to cost							
(2) GNWT has started an ewaste program since February 1, 2016							
(3) Tires are shredded and used for cover materials in the winter							
(4) No longer accepted as of 01/10/2014							
(5) Frame Lake organic collection (Phase 3) will roll out in the fall of 2016 and Downtown (Phase 4) will roll out in the fall of 2017							
(6) Range Lake organic collection started on November 10, 2014							
(7) Old Town organic collection started on October 14, 2015							
(8) Frame Lake organic collection started on October 13, 2016							
(9) Downtown organic collection expected to start on October 11, 2017							
(10) % Diversion is calculated on all materials							

