



## **INDEX OF APPENDICES**

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### **APPENDICES**

**Ordinary Council Meeting –  
6 July 2017**

**Financial Statements for the period ended 31 March 2017**

Item  
11.1

APPENDIX NO. 1

Item  
11.1



# **MANAGEMENT FINANCIAL STATEMENTS**

**FOR THE MONTH ENDED  
31 MARCH 2017**

**Mindari Regional Council**  
**INCOME STATEMENT BY NATURE AND TYPE**  
**For the month ended 31 March 2017**

Description	Adopted Budget	Revised Budget	YTD Budget	YTD Actual	\$ Variance	% Variance	Note
<b>Revenue from Ordinary Activities</b>							
<b>Member User Charges</b>							
User Charges - City of Perth	2,244,000	2,244,769	1,721,585	1,737,352			
User Charges - City of Wanneroo	12,210,000	12,338,761	9,349,798	8,642,912			
User Charges - City of Joondalup	10,807,500	8,966,401	6,955,070	6,894,215			
User Charges - City of Stirling	12,830,115	11,050,285	8,110,066	8,277,461			
User Charges - Town of Cambridge	1,435,500	1,434,308	1,107,699	920,873			
User Charges - City of Vincent	2,508,000	2,522,130	1,932,862	1,819,385			
User Charges - Town of Victoria Park	2,722,500	2,720,184	2,098,650	1,548,601			
User Charges - RRF Residues	8,035,500	8,028,933	5,991,480	6,411,257			
	<b>52,793,115</b>	<b>49,305,771</b>	<b>37,267,210</b>	<b>36,252,056</b>	<b>(1,015,154)</b>	<b>(2.72%)</b>	
<b>Non Member User Charges</b>							
User Charges - WMRC	3,052,500	3,052,500	-	-	-		
User Charges - Casual Tipping Fees	2,981,848	2,984,940	2,356,965	2,151,286	(205,679)	(8.73%)	
	<b>6,034,348</b>	<b>6,037,440</b>	<b>2,356,965</b>	<b>2,151,286</b>	<b>(205,679)</b>	<b>(8.73%)</b>	
<b>Total User Charges</b>	<b>58,827,463</b>	<b>55,343,211</b>	<b>39,624,175</b>	<b>38,403,342</b>	<b>(1,220,833)</b>	<b>(3.08%)</b>	1
<b>Other Charges</b>							
Service Charges							
Sale of Recyclable Materials	785,000	685,378	548,901	574,618	25,717	4.69%	
Gas Power Generation Sales	580,000	580,000	548,000	1,195,471	647,471	118.15%	2
Grants and Subsidies	-	-	-	-	-		
Contributions, Reimbursements & Donations	5,000	5,906	5,906	14,038	8,132	137.70%	
Interest Earnings	593,000	593,000	444,750	400,388	(44,362)	(9.97%)	
Other Revenue	352,300	313,606	273,848	278,302	4,454	1.63%	
<b>Total Other Charges</b>	<b>2,315,300</b>	<b>2,177,890</b>	<b>1,821,405</b>	<b>2,462,817</b>	<b>641,412</b>	<b>35.22%</b>	
<b>Total Revenue from Ordinary Activities</b>	<b>61,142,763</b>	<b>57,521,101</b>	<b>41,445,580</b>	<b>40,866,159</b>	<b>(579,421)</b>	<b>(1.40%)</b>	
<b>Expenses from Ordinary Activities</b>							
Employee Costs	5,410,752	5,413,400	4,072,922	3,798,756	274,166	6.73%	3
Materials and Contracts							
Consultants and Contract Labour	1,034,000	1,379,000	566,700	576,019	(9,319)	(1.64%)	
Communications and Public Consultation	377,980	377,980	95,263	121,764	(26,501)	(27.82%)	
Landfill Expenses	1,262,600	1,291,085	687,417	725,975	(38,558)	(5.61%)	
Office Expenses	217,740	220,682	154,269	144,003	10,266	6.65%	
Information System Expenses	178,900	176,991	111,891	74,517	37,374	33.40%	
Building Maintenance	207,800	207,036	86,435	81,679	4,756	5.50%	
Plant and Equipment Operating & Hire	995,280	980,307	514,912	505,065	9,847	1.91%	
RRF Other Operating Expenses	26,211,300	26,304,349	19,601,840	19,920,833	(318,993)	(1.63%)	4
Waste Minimisation	3,052,500	3,052,500	-	-	-		
Utilities	185,229	266,564	200,023	207,020	(6,997)	(3.50%)	
Depreciation	1,705,220	1,928,675	1,446,507	1,430,429	16,077	1.11%	
Borrowing Costs	382,472	89,727	69,109	70,822	(1,713)	(2.48%)	
Insurances	293,676	330,582	132,737	120,632	12,105	9.12%	
DEP Landfill Levy	13,138,200	11,460,737	9,593,657	8,254,863	1,338,794	13.95%	5
Land Lease/Rental	709,000	709,000	530,500	527,618	2,882	0.54%	
Other Expenditure							
Members Costs	247,213	247,213	98,856	100,255	(1,399)	(1.42%)	
Administration Expenses	192,000	246,512	116,409	74,734	41,675	35.80%	
Amortisation for Cell Development	2,701,400	2,356,511	1,972,601	1,420,151	552,451	28.01%	5
Amortisation for Decommissioning Asset	846,087	846,087	634,565	634,565	-	0.00%	
Capping Accretion Expense	274,234	274,234	205,676	205,676	-	0.00%	
Post Closure Accretion Expense	156,128	156,128	117,096	117,096	-	0.00%	
RRF Amortisation	491,348	491,348	368,511	368,511	-	0.00%	
<b>Total Expenses</b>	<b>60,271,059</b>	<b>58,806,648</b>	<b>41,377,896</b>	<b>39,480,983</b>	<b>1,896,913</b>	<b>4.58%</b>	
Profit on Sale of Assets	26,122	54,207	49,207	71,014	21,807	44.32%	
Loss on Sale of Assets	70,725	70,725	-	1,167	(1,167)		
Revaluation of Assets	-	-	-	-	-		
	<b>(44,603)</b>	<b>(16,518)</b>	<b>49,207</b>	<b>69,847</b>	<b>20,640</b>	<b>41.95%</b>	
<b>Changes in Net Assets Resulting from Operations</b>	<b>827,101</b>	<b>(1,302,065)</b>	<b>116,892</b>	<b>1,455,024</b>	<b>1,338,132</b>	<b>1144.76%</b>	

## NOTES FOR VARIATIONS - INCOME STATEMENT BY NATURE AND TYPE

Note #	Description of Item	Nature of variance where: 1. Member Revenue (Aggregated) variances greater than \$250,000. 2. Non Member Revenue (Aggregated) variances greater than \$100,000. 3. Other Revenues Charged (Per Line Item) variances greater than \$100,000. 4. All Expense variances (Per Line Item) greater than \$100,000.
1	User Charges - Members and Non Members	Total user charges year to date are lower than budget (\$1,221k). Member councils (\$1,015k) below budget mainly Cities of Stirling, Joondalup and Town of Victoria Park bulk waste. Non-members are below budget (\$206k) driven mainly by Casuals. The Member Councils, year to date have delivered less processable tonnes (5,686t) and less non processable tonnes (2,844t) than the phased annual budget mainly attributable to Cities of Joondalup and Stirling and Town of Victoria Park. RRF residues are slightly above budget (2,609t).
2	Gas Power Generation Sales	Other Charges is \$647k higher than the budget due the sale of REC's (renewable energy certificates) being higher than anticipated.
3	Employee Costs	Employee costs for year to date are below budget by \$274k due to unspent wages, superannuation and workers compensation insurance.
4	RRF Other Operating Expenses	RRF Other Operating Expenses is \$319k higher than the budget which is tonnage driven.
5	DEP Landfill Levy/Amortisation for Cell Development	DEP Landfill Levy is \$1,339m lower than the budget and Amortisation for Cell Development is \$552k below budget due to lower waste delivered to landfill.

**Mindarie Regional Council****OPERATING STATEMENT**

For the month ended 31 March 2017

Description	Adopted Budget	Revised Budget	YTD Budget	YTD Actual	\$ Variance	% Variance
<b>Resource Recovery Facility</b>						
<b>Operating Expenditure</b>						
<b>Employee Costs</b>						
Salaries	-	-	-	-	-	
Allowances	-	-	-	-	-	
Workers Compensation Premium	-	-	-	-	-	
	-	-	-	-	-	
<b>Consultants and Contract Labour</b>						
Consultancy	15,000	15,000	4,800	4,757	(43)	(0.90%)
Contract Labour External	-	-	-	-	-	
	<b>15,000</b>	<b>15,000</b>	<b>4,800</b>	<b>4,757</b>	<b>(43)</b>	<b>(0.90%)</b>
<b>Office Expenses</b>						
Cleaning of Buildings						
General cleaning	9,000	7,706	5,456	2,059	(3,397)	(62.27%)
Window cleaning	2,000	3,294	2,794	5,356	2,562	91.71%
	<b>11,000</b>	<b>11,000</b>	<b>8,250</b>	<b>7,415</b>	<b>(835)</b>	<b>(10.12%)</b>
<b>Information System Expenses</b>						
Computer System Maintenance						
ICT contractors costs	2,000	2,000	2,000	1,995	(5)	(0.25%)
Newcastle Weighing Services-Gen Maintenance	12,000	12,000	9,000	7,819	(1,181)	(13.13%)
Vertical Telecom P/L-Maint of Microwave Ant	6,000	6,000	4,500	3,810	(690)	(15.34%)
	<b>20,000</b>	<b>20,000</b>	<b>15,500</b>	<b>13,624</b>	<b>(1,876)</b>	<b>(12.11%)</b>
<b>Building Maintenance</b>						
Building Maintenance	12,500	12,500	2,250	2,269	19	0.84%
Building Security						
Security - Monitoring	2,000	2,000	1,500	237	(1,264)	(84.23%)
Security - Alarm maintenance	2,000	2,000	800	1,003	203	25.34%
Security - call out	1,000	1,000	200	210	10	4.97%
	<b>17,500</b>	<b>17,500</b>	<b>4,750</b>	<b>3,718</b>	<b>(1,032)</b>	<b>(21.72%)</b>
<b>RRF Operation Expenses</b>						
Fencing and Gate Maintenance						
Fencing and Gate Maintenance	7,500	7,500	3,600	3,600	-	0.00%
Repair of Boom Gate	2,500	2,500	-	-	-	
Road Maintenance	-	-	-	-	-	
Bores and Pipework						
Bore maint/calibration/electronics	5,000	5,000	1,000	913	(87)	(8.71%)
Groundwater sampling	2,500	2,500	1,000	1,050	50	5.00%
Bacteria sampling	1,000	1,000	-	-	-	
Vermin control	1,000	1,000	-	-	-	
Spills/leaks/incident management	500	500	-	-	-	
Vehicle Wash Facility Operations	-	-	-	-	-	
Landscaping and Gardens	12,000	12,000	2,380	3,948	1,568	65.89%
Compost Disposal	408,300	501,349	197,900	314,785	116,885	59.06%
Contractor's Fees	25,521,000	25,521,000	19,395,960	19,596,537	200,577	1.03%
RRF Maintenance Funding	250,000	250,000	-	-	-	
	<b>26,211,300</b>	<b>26,304,349</b>	<b>19,601,840</b>	<b>19,920,833</b>	<b>318,993</b>	<b>1.63%</b>
<b>Utilities</b>						
Electricity	10,000	10,000	7,500	-	(7,500)	(100.00%)
Rates	25,829	107,164	80,373	80,373	0	0.00%
	<b>35,829</b>	<b>117,164</b>	<b>87,873</b>	<b>80,373</b>	<b>(7,500)</b>	<b>(8.53%)</b>
<b>Insurance</b>						
Municipal Property Insurance	3,000	3,000	2,250	3,223	973	43.23%
Public Liability Insurance	5,600	5,600	4,200	3,881	(319)	(7.59%)
	<b>8,600</b>	<b>8,600</b>	<b>6,450</b>	<b>7,104</b>	<b>654</b>	<b>10.14%</b>
<b>Cost of Borrowings</b>						
Interest on Loans						
Loan 10A	69,779	69,779	52,334	51,338	(996)	(1.90%)
Loan 10B	-	644	644	644	0	0.04%
Loan 10C	-	2,795	2,795	2,795	(0)	(0.00%)
Loan 11	12,693	12,693	9,520	12,228	2,708	28.45%
Loan Expenses	-	1,065	1,065	1,065	(0)	(0.02%)
	<b>82,472</b>	<b>86,976</b>	<b>66,358</b>	<b>68,071</b>	<b>1,713</b>	<b>2.58%</b>
<b>Amortisations</b>						
Amortisation Pre-operating Costs	104,700	104,700	78,525	78,525	-	0.00%
Amortisation Costs	386,648	386,648	289,986	289,986	-	0.00%
	<b>491,348</b>	<b>491,348</b>	<b>368,511</b>	<b>368,511</b>	<b>-</b>	<b>0.00%</b>
<b>Depreciation</b>						
Depreciation on Building	23,600	23,600	17,700	17,702	2	0.01%
Depreciation on Infrastructure	26,700	26,700	20,025	20,022	(3)	(0.01%)
	<b>50,300</b>	<b>50,300</b>	<b>37,725</b>	<b>37,724</b>	<b>(1)</b>	<b>(0.00%)</b>
<b>Total Operating Expenditure</b>	<b>26,943,349</b>	<b>27,122,237</b>	<b>20,202,057</b>	<b>20,512,130</b>	<b>310,075</b>	<b>1.53%</b>
<b>Net Total</b>	<b>(26,943,349)</b>	<b>(27,122,237)</b>	<b>(20,202,057)</b>	<b>(20,512,130)</b>	<b>(310,075)</b>	<b>1.53%</b>

**Mindarie Regional Council**  
**INCOME STATEMENT BY DEPARTMENT**  
**For the month ended 31 March 2017**

Description	Adopted Budget	Revised Budget	YTD Budget	YTD Actual	\$ Variance	% Variance
<b>Revenues from Ordinary Activities</b>						
<b>Operating Revenues</b>						
General Purpose Funding	61,142,763	57,521,101	41,445,580	40,866,159	579,422	1.40%
Community Amenities	-	-	-	-	-	
Resource Recovery Facility	-	-	-	-	-	
	<b>61,142,763</b>	<b>57,521,101</b>	<b>41,445,580</b>	<b>40,866,159</b>	<b>579,422</b>	<b>1.40%</b>
<b>Profit on Disposal of Assets</b>						
Governance	4,998	3,356	3,356	3,356	(0)	(0.01%)
Community Amenities	21,124	50,851	45,851	67,658	(21,807)	(47.56%)
Resource Recovery Facility	-	-	-	-	-	
	<b>26,122</b>	<b>54,207</b>	<b>49,207</b>	<b>71,014</b>	<b>(21,807)</b>	
<b>Total Revenue</b>	<b>61,168,885</b>	<b>57,575,308</b>	<b>41,494,787</b>	<b>40,937,173</b>	<b>557,614</b>	<b>1.34%</b>
<b>Expenses from Ordinary Activities</b>						
<b>Operating Expenditure</b>						
Governance	4,239,998	4,297,114	2,765,869	2,591,049	174,820	6.32%
Community Amenities	28,787,712	27,384,546	18,407,219	16,375,053	2,032,165	11.04%
Resource Recovery Facility	26,860,877	27,035,261	20,135,699	20,444,059	(308,360)	(1.53%)
	<b>59,888,587</b>	<b>58,716,921</b>	<b>41,308,787</b>	<b>39,410,161</b>	<b>1,898,626</b>	<b>4.60%</b>
<b>Loss on Sale of Assets</b>						
Governance	-	-	-	-	-	
Community Amenities	70,725	70,725	-	1,167	(1,167)	
Resource Recovery Facility	-	-	-	-	-	
	<b>70,725</b>	<b>70,725</b>	<b>-</b>	<b>1,167</b>	<b>(1,167)</b>	
<b>Cost of Borrowings</b>						
Community Amenities	300,000	2,751	2,751	2,751	(0)	(0.00%)
Resource Recovery Facility	82,472	86,976	66,358	68,071	(1,713)	(2.58%)
	<b>382,472</b>	<b>89,727</b>	<b>69,109</b>	<b>70,822</b>	<b>(1,713)</b>	<b>(2.48%)</b>
<b>Total Expenditure</b>	<b>60,341,784</b>	<b>58,877,373</b>	<b>41,377,896</b>	<b>39,482,150</b>	<b>1,895,746</b>	<b>4.58%</b>
<b>Changes in Net Assets Resulting from Operations</b>	<b>827,101</b>	<b>(1,302,065)</b>	<b>116,892</b>	<b>1,455,023</b>	<b>(1,338,132)</b>	<b>(1144.76%)</b>

**Mindarie Regional Council**  
**Balance Sheet**  
**For the month ended 31 March 2017**

Description	ACTUAL 2016/2017	Movement	ACTUAL 2015/2016
<b>CURRENT ASSETS</b>			
Cash	2,304,858	(2,238,347)	4,543,205
Investments	23,228,667	2,978,707	20,249,960
Debtors	3,374,427	(162,366)	3,536,793
Stock	8,631	(3,474)	12,105
Prepayments	210,950	127,312	83,638
Accrued Income	100,332	(33,316)	133,649
Work In Progress - Landfill Stage2 Phase3 Development (Lining)	-	(4,550)	4,550
Work In Progress - CCTV Project	86,358	86,358	-
Work In Progress - Recycling Centre Renovation and Alignment	3,700	3,700	-
Work In Progress - SAN Upgrade	123,855	123,855	-
Other Current Assets	280,406	(346,124)	626,531
<b>TOTAL CURRENT ASSETS</b>	<b>29,722,183</b>	<b>531,753</b>	<b>29,190,430</b>
<b>NON-CURRENT ASSETS</b>			
Land	7,000,000	-	7,000,000
Buildings & Improvements	2,849,327	(116,128)	2,965,455
Furniture & Equipment	45,458	(28,230)	73,688
Computing Equipment	225,839	(181,545)	407,384
Plant & Equipment	3,594,540	(255,199)	3,849,739
Infrastructure - Other	6,294,150	112,093	6,182,057
Infrastructure - Excavation	28,526,203	(1,420,151)	29,946,353
Infrastructure - RRF	4,392,744	(289,986)	4,682,730
Decommissioning Asset	3,713,788	(400,868)	4,114,655
Post Closure	2,570,662	(233,698)	2,804,360
Pre-operating RRF	1,281,671	(78,525)	1,360,196
<b>TOTAL NON-CURRENT ASSETS</b>	<b>60,494,382</b>	<b>(2,892,236)</b>	<b>63,386,618</b>
<b>TOTAL ASSETS</b>	<b>90,216,566</b>	<b>(2,360,483)</b>	<b>92,577,048</b>
<b>CURRENT LIABILITIES</b>			
Creditors	6,098,557	28,548	6,070,009
Provisions for Leave	790,695	(31,858)	822,553
Current Loans	98,276	(4,088,773)	4,187,049
Accruals	44,036	(162,385)	206,421
<b>TOTAL CURRENT LIABILITIES</b>	<b>7,031,564</b>	<b>(4,254,468)</b>	<b>11,286,032</b>
<b>NON CURRENT LIABILITIES</b>			
Provisions for Leave	144,760	61,570	83,191
Non Current Loans	1,159,452	(37,037)	1,196,489
Decommission Provision for Capping	15,271,915	322,772	14,949,143
Other Non Current Liabilities	39,983	-	39,983
<b>TOTAL NON CURRENT LIABILITIES</b>	<b>16,616,110</b>	<b>347,304</b>	<b>16,268,806</b>
<b>TOTAL LIABILITIES</b>	<b>23,647,675</b>	<b>(3,907,164)</b>	<b>27,554,838</b>
<b>NET ASSETS</b>	<b>66,568,891</b>	<b>1,546,681</b>	<b>65,022,210</b>
<b>EQUITY</b>			
Retained Surplus	16,749,397	(1,809,220)	18,558,617
Reserves (Cash Back)	16,500,750	3,264,243	13,236,506
Reserves (Non Cash Back)	29,451,302	(48,535)	29,499,837
Council Contribution	3,867,443	140,193	3,727,249
<b>TOTAL EQUITY</b>	<b>66,568,891</b>	<b>1,546,681</b>	<b>65,022,210</b>



**Mindarie Regional Council**  
**STATEMENT OF RESERVES**  
**For the month ended 31 March 2017**

<b>Description</b>	<b>ACTUAL 2016/2017</b>
<b>Opening Balance - 1 July 2016</b>	
Site Rehabilitation	9,140,456
Capital Expenditure	1,604,975
Participants Surplus Reserve	2,000,000
RRF Maintenance Funding	-
Carbon Abatement	491,076
	<b>13,236,506</b>
<b>Interest on Investments</b>	
Site Rehabilitation	-
Capital Expenditure	-
Participants Surplus Reserve	-
RRF Maintenance Funding	-
Carbon Abatement	-
<b>Transfer from Operating Surplus</b>	
Site Rehabilitation	322,772
Capital Expenditure	3,750,002
Participants Surplus Reserve	-
RRF Maintenance Funding	187,498
Carbon Abatement	-
	<b>4,260,272</b>
<b>Total Transfer from Operations</b>	<b>4,260,272</b>
<b>Transfer from Balance Sheet Provisions</b>	
Site Rehabilitation	-
	<b>-</b>
<b>Transfer to Operating Surplus</b>	
Site Rehabilitation	-
Capital Expenditure	996,028
RRF Maintenance Funding	-
Carbon Abatement	-
	<b>996,028</b>
<b>Closing Balance</b>	
Site Rehabilitation	9,463,227
Capital Expenditure	4,358,949
Participants Surplus Reserve	2,000,000
RRF Maintenance Funding	187,498
Carbon Abatement	491,076
	<b>16,500,750</b>

**Mindarie Regional Council**  
**STATEMENT OF INVESTING ACTIVITIES**  
For the month ended 31 March 2017

Description	Adopted Budget	Revised Budget	YTD Actual	% to Revised Budget
<b>PLANT, VEHICLES AND MACHINERIES</b>				
<b>Plant and Vehicles</b>				
Replacement of Hino Bin Truck (Plant83)	286,000	286,000	-	
Replacement of Cat 257 MTL (Plant99)	90,000	90,000	-	
Replacement of Lighting tower (Plant88)	45,000	45,000	35,853	79.67%
Replacement of DCS vehicle (Plant97)	48,000	47,916	47,916	100.00%
Replacement of CEO vehicle (Plant96)	52,000	48,088	48,088	100.00%
Replacement of Ops Manager vehicle (Plant101)	45,000	40,810	40,810	100.00%
<b>brought forward item:</b>				
Replacement of Fire Ute (Plant10)	70,000	70,000	1,600	2.29%
Replacement of Fire Truck (Plant14)	200,000	200,000	210,660	105.33%
Replacement of Cat Forklift (Plant59)	35,000	35,000	31,909	91.17%
Replacement of Nissan Ute (Plant86)	30,000	30,000	29,589	98.63%
	<b>901,000</b>	<b>892,814</b>	<b>446,425</b>	<b>50.00%</b>
<b>Machinery and Equipment</b>				
3 Odour monitoring units	45,000	45,000	-	
Replacement of Radiation equipment	5,000	5,000	-	
Replacement of Biodiesel equipment	2,500	2,500	2,500	100.00%
Irrigation on Waugal	5,000	5,000	-	
Hook Lift Bins	50,000	50,000	45,640	91.28%
Tarpomatic Spindle	27,000	27,000	20,390	75.52%
Tarpomatic Tarps	60,000	60,000	50,455	84.09%
Education Trailer	-	10,000	-	
<b>brought forward item:</b>				
Woodchipper	60,000	60,000	-	
	<b>254,500</b>	<b>264,500</b>	<b>118,985</b>	<b>44.98%</b>
<b>TOTAL PLANT, VEHICLES AND MACHINERIES</b>	<b>1,155,500</b>	<b>1,157,314</b>	<b>565,410</b>	<b>48.93%</b>
<b>FURNITURE AND EQUIPMENT</b>				
<b>Furniture and Fittings</b>				
Furniture and Fittings (Miscellaneous Replacements)	5,100	5,100	-	
New CCTV for Tamala Park and Neerabup	90,000	90,000	77,437	86.04%
Airconditioning Units to Various Locations	22,800	22,800	-	
	<b>117,900</b>	<b>117,900</b>	<b>77,437</b>	<b>65.68%</b>
<b>TOTAL FURNITURE AND EQUIPMENT</b>	<b>117,900</b>	<b>117,900</b>	<b>77,437</b>	<b>65.68%</b>
<b>COMPUTING EQUIPMENT</b>				
<b>Computing Equipment</b>				
Custom PC for DCS upgrade	5,000	-	-	
Dust Monitoring upgrade	5,500	5,500	-	
HP switch with POE upgrade	14,000	14,000	-	
Network, wi-fi and power to transfer hut	23,000	23,000	17,789	77.34%
Admin Network and Server cabinets	23,000	30,000	-	
Server upgrade at Tamala Park	24,000	-	-	
SAN upgrade	130,000	160,500	123,855	77.17%
Desktop HP8100 for Transfer Station	-	1,245	958	76.96%
Desktop HP8100 for Recycling drop off	-	1,245	-	
Laptop for Project Manager	-	2,100	2,004	95.43%
	<b>224,500</b>	<b>237,590</b>	<b>144,606</b>	<b>60.86%</b>
<b>TOTAL COMPUTING EQUIPMENT</b>	<b>224,500</b>	<b>237,590</b>	<b>144,606</b>	<b>60.86%</b>
<b>LAND AND BUILDINGS</b>				
<b>Building</b>				
Second BioDiesel Shed	15,000	15,000	10,283	68.55%
Admin office renovation	80,000	80,000	109,558	136.95%
Recycling Centre renovation and alignment phase2	428,000	428,000	3,700	0.86%
	<b>523,000</b>	<b>523,000</b>	<b>123,541</b>	<b>23.62%</b>
<b>TOTAL LAND AND BUILDINGS</b>	<b>523,000</b>	<b>523,000</b>	<b>123,541</b>	<b>23.62%</b>

**Mindarie Regional Council**  
**STATEMENT OF INVESTING ACTIVITIES**  
For the month ended 31 March 2017

Description	Adopted Budget	Revised Budget	YTD Actual	% to Revised Budget
<b>INFRASTRUCTURE</b>				
<b>Operations</b>				
Telemetry system-4 leachate sys, weather and comp.	130,000	130,000	-	
Litter fence	20,000	20,000	9,674	48.37%
Drizzle mat extension	15,000	15,000	13,636	90.91%
Gas monitoring wells - program7	45,000	45,000	-	
Gas monitoring wells - program8	45,000	45,000	42,046	93.43%
Gas remediation wells - program4	45,000	45,000	-	
Gas remediation wells - program5	22,500	22,500	22,500	100.00%
Gas remediation wells - program6	22,500	22,500	-	
Groundwater monitoring wells	26,000	26,000	-	
Groundwater remediation pumps	30,000	30,000	10,750	35.83%
Millipede barrier	35,000	35,000	3,564	10.18%
Wastewater treatment plant - redesign	10,000	10,000	2,694	26.94%
Fuel tanks	50,000	50,000	36,985	73.97%
Signage	50,000	50,000	-	
Gas well installations	27,000	27,000	-	
	<b>573,000</b>	<b>573,000</b>	<b>141,848</b>	<b>24.76%</b>
<b>Waste Infrastructure</b>				
<b>brought forward item:</b>				
Waste Facility	6,000,000	6,000,000	-	
Waste Facility Buiding	5,000,000	5,000,000	-	
	<b>11,000,000</b>	<b>11,000,000</b>	<b>-</b>	
<b>Landfill Infrastructure Phase3</b>				
Cell Development - Lining (inc. c/f)	3,000,000	3,000,000	- 4,550	0.00%
	<b>3,000,000</b>	<b>3,000,000</b>	<b>- 4,550</b>	<b>0.00%</b>
<b>TOTAL INFRASTRUCTURE</b>	<b>14,573,000</b>	<b>14,573,000</b>	<b>137,298</b>	<b>0.94%</b>

## INFORMATION ON BORROWINGS

(a) Loan Schedule and Interest Expense

Actual	Value of Loan Approved	Matures	Interest Rates	Principal 01/07/2016	Principal Drawn Down to 30/06/2017	Principal Repayments Actual to 31/03/2017	Principal Outstanding Actual to 31/03/2017	Interest Repayments Actual to 31/03/2017	Note
<b>Community Amenities</b>									
<b>Tamala Park Landfill</b>									
Loan 12 - Construction Stage 2 Phase 2	15,000,000	Mar-16	5.98%	-	-	-	-	-	-
Loan 13 - Development of Cell for Phase 3	5,630,000	Jun-19	6.71%	1,151,157	-	1,151,156	-	2,751	-
Loan 14 - Waste Facility	6,000,000	-	-	-	-	-	-	-	-
Loan 15 - Waste Facility Building	4,000,000	-	-	-	-	-	-	-	-
Loan 16 - Cell Development Expenditure	1,346,000	-	-	-	-	-	-	-	-
<b>Regional Resource Recovery Facility</b>									
Loan 11 - RRF Land Purchase	3,500,000	Aug-17	5.97%	358,477	-	211,846	146,630	12,228	-
Loan 10a - RRF Infrastructure	2,000,000	Apr-25	6.16%	1,190,014	-	78,915	1,111,099	51,338	-
Loan 10b - RRF Infrastructure (Variable Interest Rate)	2,600,000	Sep-22	Variable	1,795,000	-	1,795,000	-	644	-
Loan 10c - RRF Infrastructure	4,000,000	Jun-18	3.97%	888,892	-	851,855	37,037	2,795	-
TOTAL	44,076,000			5,383,540	-	4,088,773	1,294,767	69,757	-
						<b>Facility Fee</b>		1,065	
						<b>Total Borrowing Costs</b>		<b>70,822</b>	

**Financial Statements for the period ended 30 April 2017**

Item  
11.1

APPENDIX NO. 2

Item  
11.1



# **MANAGEMENT FINANCIAL STATEMENTS**

**FOR THE MONTH ENDED  
30 APRIL 2017**

**Mindari Regional Council**  
**INCOME STATEMENT BY NATURE AND TYPE**  
For the month ended 30 April 2017

Description	Adopted Budget	Revised Budget	YTD Budget	YTD Actual	\$ Variance	% Variance	Note
<b>Revenue from Ordinary Activities</b>							
<b>Member User Charges</b>							
User Charges - City of Perth	2,244,000	2,244,769	1,904,620	1,904,521			
User Charges - City of Wanneroo	12,210,000	12,338,761	10,348,916	9,371,981			
User Charges - City of Joondalup	10,807,500	8,966,401	7,643,401	7,544,808			
User Charges - City of Stirling	12,830,115	11,050,285	9,264,539	8,930,822			
User Charges - Town of Cambridge	1,435,500	1,434,308	1,226,206	1,016,381			
User Charges - City of Vincent	2,508,000	2,522,130	2,139,640	1,980,268			
User Charges - Town of Victoria Park	2,722,500	2,720,184	2,323,155	1,708,013			
User Charges - RRF Residues	8,035,500	8,028,933	6,589,110	6,893,291			
	<b>52,793,115</b>	<b>49,305,771</b>	<b>41,439,587</b>	<b>39,350,086</b>	<b>(2,089,501)</b>	<b>(5.04%)</b>	
<b>Non Member User Charges</b>							
User Charges - WMRC	3,052,500	3,052,500	-	-	-		
User Charges - Casual Tipping Fees	2,981,848	2,984,940	2,565,396	2,361,873	(203,523)	(7.93%)	
	<b>6,034,348</b>	<b>6,037,440</b>	<b>2,565,396</b>	<b>2,361,873</b>	<b>(203,523)</b>	<b>(7.93%)</b>	
<b>Total User Charges</b>	<b>58,827,463</b>	<b>55,343,211</b>	<b>44,004,983</b>	<b>41,711,959</b>	<b>(2,293,024)</b>	<b>(5.21%)</b>	1
<b>Other Charges</b>							
Service Charges							
Sale of Recyclable Materials	785,000	685,378	594,393	625,087	30,693	5.16%	
Gas Power Generation Sales	580,000	580,000	580,000	1,241,090	661,090	113.98%	
Grants and Subsidies	-	-	-	-	-		
Contributions, Reimbursements & Donations	5,000	5,906	5,906	14,038	8,132	137.70%	
Interest Earnings	593,000	593,000	494,167	449,367	(44,800)	(9.07%)	
Other Revenue	352,300	313,606	293,167	324,809	31,641	10.79%	
<b>Total Other Charges</b>	<b>2,315,300</b>	<b>2,177,890</b>	<b>1,967,634</b>	<b>2,654,391</b>	<b>686,757</b>	<b>34.90%</b>	2
<b>Total Revenue from Ordinary Activities</b>	<b>61,142,763</b>	<b>57,521,101</b>	<b>45,972,617</b>	<b>44,366,350</b>	<b>(1,606,267)</b>	<b>(3.49%)</b>	
<b>Expenses from Ordinary Activities</b>							
Employee Costs	5,410,752	5,413,400	4,503,754	4,209,198	294,556	6.54%	3
Materials and Contracts							
Consultants and Contract Labour	1,034,000	1,379,000	659,150	633,687	25,463	3.86%	
Communications and Public Consultation	377,980	377,980	125,881	145,822	(19,941)	(15.84%)	
Landfill Expenses	1,262,600	1,291,085	818,392	842,296	(23,905)	(2.92%)	
Office Expenses	217,740	220,682	172,101	157,331	14,770	8.58%	
Information System Expenses	178,900	176,991	122,724	85,641	37,083	30.22%	
Building Maintenance	207,800	207,036	108,615	90,983	17,632	16.23%	
Plant and Equipment Operating & Hire	995,280	980,307	633,801	576,793	57,008	8.99%	
RRF Other Operating Expenses	26,211,300	26,304,349	21,252,100	21,443,404	(191,304)	(0.90%)	4
Waste Minimisation	3,052,500	3,052,500	-	-	-		
Utilities	185,229	266,564	222,203	231,970	(9,767)	(4.40%)	
Depreciation	1,705,220	1,928,675	1,607,229	1,583,236	23,994	1.49%	
Borrowing Costs	382,472	89,727	75,982	77,160	(1,178)	(1.55%)	
Insurances	293,676	330,582	151,419	134,227	17,192	11.35%	
DEP Landfill Levy	13,138,200	11,460,737	10,404,120	8,864,463	1,539,658	14.80%	5
Land Lease/Rental	709,000	709,000	590,000	586,996	3,004	0.51%	
Other Expenditure							
Members Costs	247,213	247,213	101,856	103,260	(1,404)	(1.38%)	
Administration Expenses	192,000	246,512	138,943	81,969	56,975	41.01%	
Amortisation for Cell Development	2,701,400	2,356,511	2,139,249	1,545,494	593,754	27.76%	5
Amortisation for Decommissioning Asset	846,087	846,087	705,073	705,073	-	0.00%	
Capping Accretion Expense	274,234	274,234	228,528	228,528	-	0.00%	
Post Closure Accretion Expense	156,128	156,128	130,107	130,107	-	0.00%	
RRF Amortisation	491,348	491,348	409,457	409,457	-	0.00%	
<b>Total Expenses</b>	<b>60,271,059</b>	<b>58,806,648</b>	<b>45,300,683</b>	<b>42,867,094</b>	<b>2,433,589</b>	<b>5.37%</b>	
Profit on Sale of Assets	26,122	54,207	49,207	62,277	13,070	26.56%	
Loss on Sale of Assets	70,725	70,725	-	1,167	(1,167)		
Revaluation of Assets	-	-	-	-	-		
	<b>(44,603)</b>	<b>(16,518)</b>	<b>49,207</b>	<b>61,110</b>	<b>11,903</b>	<b>24.19%</b>	
<b>Changes in Net Assets Resulting from Operations</b>	<b>827,101</b>	<b>(1,302,065)</b>	<b>721,140</b>	<b>1,560,366</b>	<b>839,225</b>	<b>116.37%</b>	

## NOTES FOR VARIATIONS - INCOME STATEMENT BY NATURE AND TYPE

Note #	Description of Item	Nature of variance where: 1. Member Revenue (Aggregated) variances greater than \$250,000. 2. Non Member Revenue (Aggregated) variances greater than \$100,000. 3. Other Revenues Charged (Per Line Item) variances greater than \$100,000. 4. All Expense variances (Per Line Item) greater than \$100,000.
1	User Charges - Members and Non Members	Total user charges year to date are lower than budget (\$2,293k). Member councils (\$2,090k) below budget mainly Cities of Stirling, Wanneroo and Town of Victoria Park bulk waste. Non-members are below budget (\$203k) driven mainly by Casuals. The Member Councils, year to date have delivered less processable tonnes (7,459t) and less non processable tonnes (6,945t) than the phased annual budget mainly attributable to Cities of Joondalup and Stirling and Town of Victoria Park. RRF residues are slightly above budget (1,908t). Cash and Trade customers are below budget (1,230t).
2	Other Revenue	Other Charges is \$686k higher than the budget mainly due the sale of REC's (renewable energy certificates) is \$661k higher than the budget; Sale of recyclable materials is \$31k higher than the budget; Other revenue \$31k higher than the budget and Interest earnings is \$45k lower than the budget.
3	Employee Costs	Employee costs for year to date are below budget by \$294k due to unspent wages, superannuation and workers compensation insurance.
4	RRF Other Operating Expenses	RRF Other Operating Expenses is \$191k higher than the budget which is tonnage driven.
5	DEP Landfill Levy/Amortisation for Cell Development	DEP Landfill Levy is \$1,539m lower than the budget and Amortisation for Cell Development is \$594k below budget due to lower waste delivered to landfill.



**Mindarie Regional Council**  
**OPERATING STATEMENT**  
For the month ended 30 April 2017

Description	Adopted Budget	Revised Budget	YTD Budget	YTD Actual	\$ Variance	% Variance
<b>Resource Recovery Facility</b>						
<b>Operating Expenditure</b>						
<b>Employee Costs</b>						
Salaries	-	-	-	-	-	
Allowances	-	-	-	-	-	
Workers Compensation Premium	-	-	-	-	-	
<b>Consultants and Contract Labour</b>						
Consultancy	15,000	15,000	4,800	4,757	(43)	(0.90%)
Contract Labour External	-	-	-	-	-	
	<b>15,000</b>	<b>15,000</b>	<b>4,800</b>	<b>4,757</b>	<b>(43)</b>	<b>(0.90%)</b>
<b>Office Expenses</b>						
Cleaning of Buildings						
General cleaning	9,000	7,706	6,206	2,263	(3,943)	(63.53%)
Window cleaning	2,000	3,294	2,961	5,946	2,986	100.84%
	<b>11,000</b>	<b>11,000</b>	<b>9,167</b>	<b>8,210</b>	<b>(957)</b>	<b>(10.44%)</b>
<b>Information System Expenses</b>						
Computer System Maintenance						
ICT contractors costs	2,000	2,000	2,000	1,995	(5)	(0.25%)
Newcastle Weighing Services-Gen Maintenance	12,000	12,000	10,000	8,688	(1,313)	(13.13%)
Vertical Telecom P/L-Maint of Microwave Ant	6,000	6,000	5,000	4,237	(763)	(15.26%)
	<b>20,000</b>	<b>20,000</b>	<b>17,000</b>	<b>14,919</b>	<b>(2,081)</b>	<b>(12.24%)</b>
<b>Building Maintenance</b>						
Building Maintenance						
Airconditioning Maintenance	3,000	3,000	2,500	1,197	(1,303)	(52.12%)
Community Education Centre	2,000	2,000	2,000	6,076	4,076	203.82%
Weighbridge and Calibration	7,500	7,500	700	677	(23)	(3.33%)
Building Security						
Security - Monitoring	2,000	2,000	1,667	237	(1,430)	(85.81%)
Security - Alarm maintenance	2,000	2,000	1,200	1,248	48	3.96%
Security - call out	1,000	1,000	200	210	10	4.97%
	<b>17,500</b>	<b>17,500</b>	<b>8,267</b>	<b>9,644</b>	<b>1,377</b>	<b>16.66%</b>
<b>RRF Operation Expenses</b>						
Fencing and Gate Maintenance						
Fencing and Gate Maintenance	7,500	7,500	3,600	3,600	-	0.00%
Repair of Boom Gate	2,500	2,500	-	-	-	
Road Maintenance	-	-	-	-	-	
Bores and Pipework						
Bore maint/calibration/electronics	5,000	5,000	1,000	913	(87)	(8.71%)
Groundwater sampling	2,500	2,500	1,000	1,050	50	5.00%
Bacteria sampling	1,000	1,000	-	-	-	
Vermin control	1,000	1,000	-	-	-	
Spills/leaks/incident management	500	500	-	-	-	
Vehicle Wash Facility Operations	-	-	-	-	-	
Landscaping and Gardens	12,000	12,000	4,380	4,404	24	0.54%
Compost Disposal	408,300	501,349	314,900	342,047	27,147	8.62%
Contractor's Fees	25,521,000	25,521,000	20,927,220	21,091,391	164,171	0.78%
RRF Maintenance Funding	250,000	250,000	-	-	-	
	<b>26,211,300</b>	<b>26,304,349</b>	<b>21,252,100</b>	<b>21,443,404</b>	<b>191,304</b>	<b>0.90%</b>
<b>Utilities</b>						
Electricity	10,000	10,000	8,333	-	(8,333)	(100.00%)
Rates	25,829	107,164	89,303	89,304	0	0.00%
	<b>35,829</b>	<b>117,164</b>	<b>97,637</b>	<b>89,304</b>	<b>(8,333)</b>	<b>(8.53%)</b>
<b>Insurance</b>						
Municipal Property Insurance	3,000	3,000	2,500	3,581	1,081	43.23%
Public Liability Insurance	5,600	5,600	4,667	4,312	(354)	(7.59%)
	<b>8,600</b>	<b>8,600</b>	<b>7,167</b>	<b>7,893</b>	<b>726</b>	<b>10.14%</b>
<b>Cost of Borrowings</b>						
Interest on Loans						
Loan 10A	69,779	69,779	58,149	56,957	(1,192)	(2.05%)
Loan 10B	-	644	644	644	0	0.04%
Loan 10C	-	2,795	2,795	2,795	(0)	(0.00%)
Loan 11	12,693	12,693	10,578	12,948	2,370	22.41%
Loan Expenses	-	1,065	1,065	1,065	(0)	(0.02%)
	<b>82,472</b>	<b>86,976</b>	<b>73,231</b>	<b>74,409</b>	<b>1,178</b>	<b>1.61%</b>
<b>Amortisations</b>						
Amortisation Pre-operating Costs	104,700	104,700	87,250	87,250	-	0.00%
Amortisation Costs	386,648	386,648	322,207	322,207	-	0.00%
	<b>491,348</b>	<b>491,348</b>	<b>409,457</b>	<b>409,457</b>	<b>-</b>	<b>0.00%</b>
<b>Depreciation</b>						
Depreciation on Building	23,600	23,600	19,667	19,669	2	0.01%
Depreciation on Infrastructure	26,700	26,700	22,250	22,247	(3)	(0.01%)
	<b>50,300</b>	<b>50,300</b>	<b>41,917</b>	<b>41,916</b>	<b>(1)</b>	<b>(0.00%)</b>
<b>Total Operating Expenditure</b>	<b>26,943,349</b>	<b>27,122,237</b>	<b>21,920,741</b>	<b>22,103,912</b>	<b>183,175</b>	<b>0.84%</b>
<b>Net Total</b>	<b>(26,943,349)</b>	<b>(27,122,237)</b>	<b>(21,920,741)</b>	<b>(22,103,912)</b>	<b>(183,175)</b>	<b>0.84%</b>

**Mindarie Regional Council**  
**INCOME STATEMENT BY DEPARTMENT**  
For the month ended 30 April 2017

Description	Adopted Budget	Revised Budget	YTD Budget	YTD Actual	\$ Variance	% Variance
<b>Revenues from Ordinary Activities</b>						
<b>Operating Revenues</b>						
General Purpose Funding	61,142,763	57,521,101	45,972,617	44,366,350	1,606,266	3.49%
Community Amenities	-	-	-	-	-	
Resource Recovery Facility	-	-	-	-	-	
	<b>61,142,763</b>	<b>57,521,101</b>	<b>45,972,617</b>	<b>44,366,350</b>	<b>1,606,266</b>	<b>3.49%</b>
<b>Profit on Disposal of Assets</b>						
Governance	4,998	3,356	3,356	3,356	(0)	(0.01%)
Community Amenities	21,124	50,851	45,851	58,921	(13,070)	(28.50%)
Resource Recovery Facility	-	-	-	-	-	
	<b>26,122</b>	<b>54,207</b>	<b>49,207</b>	<b>62,277</b>	<b>(13,070)</b>	
<b>Total Revenue</b>	<b>61,168,885</b>	<b>57,575,308</b>	<b>46,021,824</b>	<b>44,428,627</b>	<b>1,593,196</b>	<b>3.46%</b>
<b>Expenses from Ordinary Activities</b>						
<b>Operating Expenditure</b>						
Governance	4,239,998	4,297,114	3,120,073	2,867,622	252,451	8.09%
Community Amenities	28,787,712	27,384,546	20,257,118	17,892,809	2,364,309	11.67%
Resource Recovery Facility	26,860,877	27,035,261	21,847,510	22,029,503	(181,993)	(0.83%)
	<b>59,888,587</b>	<b>58,716,921</b>	<b>45,224,701</b>	<b>42,789,934</b>	<b>2,434,767</b>	<b>5.38%</b>
<b>Loss on Sale of Assets</b>						
Governance	-	-	-	-	-	
Community Amenities	70,725	70,725	-	1,167	(1,167)	
Resource Recovery Facility	-	-	-	-	-	
	<b>70,725</b>	<b>70,725</b>	<b>-</b>	<b>1,167</b>	<b>(1,167)</b>	
<b>Cost of Borrowings</b>						
Community Amenities	300,000	2,751	2,751	2,751	(0)	(0.00%)
Resource Recovery Facility	82,472	86,976	73,231	74,409	(1,178)	(1.61%)
	<b>382,472</b>	<b>89,727</b>	<b>75,982</b>	<b>77,160</b>	<b>(1,178)</b>	<b>(1.55%)</b>
<b>Total Expenditure</b>	<b>60,341,784</b>	<b>58,877,373</b>	<b>45,300,683</b>	<b>42,868,261</b>	<b>2,432,422</b>	<b>5.37%</b>
<b>Changes in Net Assets Resulting from Operations</b>	<b>827,101</b>	<b>(1,302,065)</b>	<b>721,140</b>	<b>1,560,366</b>	<b>(839,225)</b>	<b>(116.37%)</b>

**Mindarie Regional Council**  
**Balance Sheet**  
**For the month ended 30 April 2017**

Description	ACTUAL 2016/2017	Movement	ACTUAL 2015/2016
<b>CURRENT ASSETS</b>			
Cash	1,420,196	(3,123,009)	4,543,205
Investments	21,771,229	1,521,269	20,249,960
Debtors	3,474,502	(62,291)	3,536,793
Stock	8,375	(3,730)	12,105
Prepayments	157,395	73,757	83,638
Accrued Income	106,133	(27,515)	133,649
Work In Progress - Landfill Stage2 Phase3 Development (Lining)	5,863	1,313	4,550
Work In Progress - Recycling Centre Renovation and Alignment	144,468	144,468	-
Work In Progress - SAN Upgrade	123,855	123,855	-
Other Current Assets	204,336	(422,195)	626,531
<b>TOTAL CURRENT ASSETS</b>	<b>27,416,351</b>	<b>(1,774,079)</b>	<b>29,190,430</b>
<b>NON-CURRENT ASSETS</b>			
Land	7,000,000	-	7,000,000
Buildings & Improvements	2,824,616	(140,839)	2,965,455
Furniture & Equipment	130,899	57,210	73,688
Computing Equipment	208,431	(198,954)	407,384
Plant & Equipment	3,605,748	(243,991)	3,849,739
Infrastructure - Other	6,384,227	202,171	6,182,057
Infrastructure - Excavation	28,400,859	(1,545,494)	29,946,353
Infrastructure - RRF	4,360,524	(322,207)	4,682,730
Decommissioning Asset	3,669,247	(445,408)	4,114,655
Post Closure	2,544,696	(259,664)	2,804,360
Pre-operating RRF	1,272,946	(87,250)	1,360,196
<b>TOTAL NON-CURRENT ASSETS</b>	<b>60,402,192</b>	<b>(2,984,426)</b>	<b>63,386,618</b>
<b>TOTAL ASSETS</b>	<b>87,818,543</b>	<b>(4,758,505)</b>	<b>92,577,048</b>
<b>CURRENT LIABILITIES</b>			
Creditors	2,951,894	(3,118,115)	6,070,009
Provisions for Leave	778,593	(43,960)	822,553
Current Loans	71,158	(4,115,891)	4,187,049
Accruals	684,647	478,226	206,421
<b>TOTAL CURRENT LIABILITIES</b>	<b>4,486,292</b>	<b>(6,799,740)</b>	<b>11,286,032</b>
<b>NON CURRENT LIABILITIES</b>			
Provisions for Leave	150,804	67,613	83,191
Non Current Loans	1,159,452	(37,037)	1,196,489
Decommission Provision for Capping	15,307,778	358,635	14,949,143
Other Non Current Liabilities	39,983	-	39,983
<b>TOTAL NON CURRENT LIABILITIES</b>	<b>16,658,018</b>	<b>389,211</b>	<b>16,268,806</b>
<b>TOTAL LIABILITIES</b>	<b>21,144,310</b>	<b>(6,410,529)</b>	<b>27,554,838</b>
<b>NET ASSETS</b>	<b>66,674,234</b>	<b>1,652,024</b>	<b>65,022,210</b>
<b>EQUITY</b>			
Retained Surplus	16,800,245	(1,758,372)	18,558,617
Reserves (Cash Back)	16,555,244	3,318,738	13,236,506
Reserves (Non Cash Back)	29,451,302	(48,535)	29,499,837
Council Contribution	3,867,443	140,193	3,727,249
<b>TOTAL EQUITY</b>	<b>66,674,234</b>	<b>1,652,024</b>	<b>65,022,210</b>

**Mindarie Regional Council**  
**STATEMENT OF RESERVES**  
**For the month ended 30 April 2017**

<b>Description</b>	<b>ACTUAL 2016/2017</b>
<b>Opening Balance - 1 July 2016</b>	
Site Rehabilitation	9,140,456
Capital Expenditure	1,604,975
Participants Surplus Reserve	2,000,000
RRF Maintenance Funding	-
Carbon Abatement	491,076
	<b>13,236,506</b>
<b>Interest on Investments</b>	
Site Rehabilitation	-
Capital Expenditure	-
Participants Surplus Reserve	-
RRF Maintenance Funding	-
Carbon Abatement	-
<b>Transfer from Operating Surplus</b>	
Site Rehabilitation	358,635
Capital Expenditure	4,166,668
Participants Surplus Reserve	-
RRF Maintenance Funding	208,332
Carbon Abatement	-
	<b>4,733,635</b>
<b>Total Transfer from Operations</b>	<b>4,733,635</b>
<b>Transfer from Balance Sheet Provisions</b>	
Site Rehabilitation	-
	<b>-</b>
<b>Transfer to Operating Surplus</b>	
Site Rehabilitation	-
Capital Expenditure	1,414,897
RRF Maintenance Funding	-
Carbon Abatement	-
	<b>1,414,897</b>
<b>Closing Balance</b>	
Site Rehabilitation	9,499,091
Capital Expenditure	4,356,746
Participants Surplus Reserve	2,000,000
RRF Maintenance Funding	208,332
Carbon Abatement	491,076
	<b>16,555,244</b>

**Mindarie Regional Council**  
**STATEMENT OF INVESTING ACTIVITIES**  
For the month ended 30 April 2017

Description	Adopted Budget	Revised Budget	YTD Actual	% to Revised Budget
<b>PLANT, VEHICLES AND MACHINERIES</b>				
<b>Plant and Vehicles</b>				
Replacement of Hino Bin Truck (Plant83)	286,000	286,000	-	
Replacement of Cat 257 MTL (Plant99)	90,000	90,000	86,350	95.94%
Replacement of Lighting tower (Plant88)	45,000	45,000	35,853	79.67%
Replacement of DCS vehicle (Plant97)	48,000	47,916	47,916	100.00%
Replacement of CEO vehicle (Plant96)	52,000	48,088	48,088	100.00%
Replacement of Ops Manager vehicle (Plant101)	45,000	40,810	40,810	100.00%
<b>brought forward item:</b>				
Replacement of Fire Ute (Plant10)	70,000	70,000	1,600	2.29%
Replacement of Fire Truck (Plant14)	200,000	200,000	210,660	105.33%
Replacement of Fire Cat Forklift (Plant59)	35,000	35,000	31,909	91.17%
Replacement of Nissan Ute (Plant86)	30,000	30,000	29,589	98.63%
	<b>901,000</b>	<b>892,814</b>	<b>532,775</b>	<b>59.67%</b>
<b>Machinery and Equipment</b>				
3 Odour monitoring units	45,000	45,000	-	
Replacement of Radiation equipment	5,000	5,000	-	
Replacement of Biodiesel equipment	2,500	2,500	2,500	
Irrigation on Waugal	5,000	5,000	-	
Hook Lift Bins	50,000	50,000	45,640	
Tarpomatic Spindle	27,000	27,000	20,390	
Tarpomatic Tarps	60,000	60,000	50,455	
Education Trailer	-	10,000	-	
<b>brought forward item:</b>				
Woodchipper	60,000	60,000	-	
	<b>254,500</b>	<b>264,500</b>	<b>118,985</b>	<b>44.98%</b>
<b>TOTAL PLANT, VEHICLES AND MACHINERIES</b>	<b>1,155,500</b>	<b>1,157,314</b>	<b>651,760</b>	<b>56.40%</b>
<b>FURNITURE AND EQUIPMENT</b>				
<b>Furniture and Fittings</b>				
Furniture and Fittings (Miscellaneous Replacements)	5,100	5,100	1,085	21.28%
New CCTV for Tamala Park and Neerabup	90,000	90,000	87,484	97.20%
Airconditioning Units to Various Locations	22,800	22,800	-	
	<b>117,900</b>	<b>117,900</b>	<b>88,570</b>	<b>75.12%</b>
<b>TOTAL FURNITURE AND EQUIPMENT</b>	<b>117,900</b>	<b>117,900</b>	<b>88,570</b>	<b>75.12%</b>
<b>COMPUTING EQUIPMENT</b>				
<b>Computing Equipment</b>				
Custom PC for DCS upgrade	5,000	-	-	
Dust Monitoring upgrade	5,500	5,500	-	
HP switch with POE upgrade	14,000	14,000	-	
Network, wi-fi and power to transfer hut	23,000	23,000	17,789	77.34%
Admin Network and Server cabinets	23,000	30,000	-	
Server upgrade at Tamala Park	24,000	-	-	
SAN upgrade	130,000	160,500	123,855	77.17%
Desktop HP8100 for Transfer Station	-	1,245	958	76.96%
Desktop HP8100 for Recycling drop off	-	1,245	-	
Laptop for Project Manager	-	2,100	2,004	95.43%
	<b>224,500</b>	<b>237,590</b>	<b>144,606</b>	<b>60.86%</b>
<b>TOTAL COMPUTING EQUIPMENT</b>	<b>224,500</b>	<b>237,590</b>	<b>144,606</b>	<b>60.86%</b>
<b>LAND AND BUILDINGS</b>				
<b>Building</b>				
Second BioDiesel Shed	15,000	15,000	10,283	68.55%
Admin office renovation	80,000	80,000	109,558	136.95%
Recycling Centre renovation and alignment phase2	428,000	428,000	144,468	33.75%
	<b>523,000</b>	<b>523,000</b>	<b>264,309</b>	<b>50.54%</b>
<b>TOTAL LAND AND BUILDINGS</b>	<b>523,000</b>	<b>523,000</b>	<b>264,309</b>	<b>50.54%</b>

**Mindarie Regional Council**  
**STATEMENT OF INVESTING ACTIVITIES**  
For the month ended 30 April 2017

Description	Adopted Budget	Revised Budget	YTD Actual	% to Revised Budget
<b>INFRASTRUCTURE</b>				
<b>Operations</b>				
Telemetry system-4 leachate sys, weather and comp.	130,000	130,000	-	
Litter fence	20,000	20,000	31,272	156.36%
Drizzle mat extension	15,000	15,000	13,636	90.91%
Gas monitoring wells - program7	45,000	45,000	40,909	90.91%
Gas monitoring wells - program8	45,000	45,000	44,277	98.39%
Gas remediation wells - program4	45,000	45,000	-	
Gas remediation wells - program5	22,500	22,500	22,500	100.00%
Gas remediation wells - program6	22,500	22,500	20,455	90.91%
Groundwater monitoring wells	26,000	26,000	19,520	75.08%
Groundwater remediation pumps	30,000	30,000	10,750	35.83%
Millipede barrier	35,000	35,000	3,564	10.18%
Wastewater treatment plant - redesign	10,000	10,000	2,694	26.94%
Fuel tanks	50,000	50,000	42,055	84.11%
Signage	50,000	50,000	11,690	23.38%
Gas well installations	27,000	27,000	1,021	3.78%
	<b>573,000</b>	<b>573,000</b>	<b>264,341</b>	<b>46.13%</b>
<b>Waste Infrastructure</b>				
<b>brought forward item:</b>				
Waste Facility	6,000,000	6,000,000	-	
Waste Facility Buiding	5,000,000	5,000,000	-	
	<b>11,000,000</b>	<b>11,000,000</b>	<b>-</b>	
<b>Landfill Infrastructure Phase3</b>				
Cell Development - Lining (inc. c/f)	3,000,000	3,000,000	1,313	0.04%
	<b>3,000,000</b>	<b>3,000,000</b>	<b>1,313</b>	<b>0.04%</b>
<b>TOTAL INFRASTRUCTURE</b>	<b>14,573,000</b>	<b>14,573,000</b>	<b>265,654</b>	<b>1.82%</b>

## INFORMATION ON BORROWINGS

(a) Loan Schedule and Interest Expense

Actual	Value of Loan Approved	Matures	Interest Rates	Principal 01/07/2016	Principal Drawn Down to 30/06/2017	Principal Repayments Actual to 30/04/2017	Principal Outstanding Actual to 30/04/2017	Interest Repayments Actual to 30/04/2017	Note
<b>Community Amenities</b>									
<b>Tamala Park Landfill</b>									
Loan 12 - Construction Stage 2 Phase 2	15,000,000	Mar-16	5.98%	-	-	-	-	-	-
Loan 13 - Development of Cell for Phase 3	5,630,000	Jun-19	6.71%	1,151,157	-	1,151,156	-	2,751	-
Loan 14 - Waste Facility	6,000,000			-	-	-	-	-	-
Loan 15 - Waste Facility Building	4,000,000			-	-	-	-	-	-
Loan 16 - Cell Development Expenditure	1,346,000			-	-	-	-	-	-
<b>Regional Resource Recovery Facility</b>									
Loan 11 - RRF Land Purchase	3,500,000	Aug-17	5.97%	358,477	-	211,846	146,630	12,948	-
Loan 10a - RRF Infrastructure	2,000,000	Apr-25	6.16%	1,190,014	-	106,034	1,083,981	56,957	-
Loan 10b - RRF Infrastructure (Variable Interest Rate)	2,600,000	Sep-22	Variable	1,795,000	-	1,795,000	-	644	-
Loan 10c - RRF Infrastructure	4,000,000	Jun-18	3.97%	888,892	-	888,892	-	2,795	-
TOTAL	44,076,000			5,383,540	-	4,152,928	1,230,611	76,095	-
						<b>Facility Fee</b>		1,065	
						<b>Total Borrowing Costs</b>		<b>77,160</b>	

**Tonnage Report to 30 April 2017**

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APPENDIX NO. 3

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## **Waste to Landfill Tonnages Report for the period to 30 April 2017**

### **Members**

The Member Councils' Processable waste for period to date is 7,459 tonnes lower than forecast, with predominantly the City of Wanneroo (2,010t) and the Town of Victoria Park (2,153t) delivering less than forecast.

The non processable waste for the period to date was 6,945 tonnes below the financial forecast, primarily as a result of reductions in member council waste deliveries primarily from the Cities of Joondalup (3,864t) and Stirling (1,988t) and the Town of Victoria Park (1,561t).

These variances leave the MRC 9.5% behind in its waste receipts from member councils. This reduction in waste to landfill is consistent with the MRC's vision of '*Winning Back Waste*' but will over time see the cost per tonne to landfill for the remaining waste increasing proportionally over time.

### **RRF**

The Resource Recovery Facility residue tonnes are 1,908 tonnes ahead of forecast primarily as a result of additional shifts being run to catch up the deficit for the April shutdown.

### **Trade & Casual**

The Casual and Trade tonnages are 1,230 tonnes lower than financial forecast.

Overall for the period ended 30 April 2017, the tonnes received are 13,726 tonnes (9.4%) below what was budgeted.

## Information relating to landfill, resource recovery &amp; recycling tonnages year to date 2016/17

Month: Apr-17

TONNAGE							REVENUE			
RRF Actual	Landfill Actual	Total Tonnage	Budget 2016/17	Target % Year to Date	Note	Actual % Year to Date	Actual G/L \$	Budget 2016/17	Target % Year to Date	Actual % Year to Date
<b>MEMBERS</b>										
<b>Processable</b>										
Cambridge	-	5,093	6,352	84.7%		80.2%	\$ 839,150	1,048,039	84.7%	80.1%
Joondalup	35,657	44,060	44,833	84.7%		98.3%	\$ 7,260,665	7,397,379	84.7%	98.2%
Perth	-	11,391	11,433	84.7%		99.6%	\$ 1,876,916	1,886,470	84.7%	99.5%
Stirling	-	36,167	36,246	84.7%		99.8%	\$ 5,843,643	5,856,140	84.7%	99.8%
Victoria Park	4,648	10,127	12,280	84.7%	1	82.5%	\$ 1,668,656	2,026,209	84.7%	82.4%
Vincent	6,069	10,204	11,348	84.7%		89.9%	\$ 1,681,383	1,872,496	84.7%	89.8%
Wanneroo	41,358	48,313	50,323	84.7%		96.0%	\$ 7,963,932	8,303,279	84.7%	95.9%
<b>Sub Total Processable</b>	<b>87,733</b>	<b>165,355</b>	<b>172,814</b>	<b>84.7%</b>		<b>95.7%</b>	<b>\$ 27,134,347</b>	<b>\$ 28,390,012</b>	<b>84.7%</b>	<b>95.6%</b>
<b>Non-Processable</b>										
Cambridge	1,067	1,067	1,080	90.0%		98.8%	\$ 177,232	178,167	90.0%	99.5%
Joondalup	1,719	1,719	1,491	90.0%		115.3%	\$ 284,142	246,022	90.0%	115.5%
Perth	167	167	110	90.0%		152.1%	\$ 27,605	18,150	90.0%	152.1%
Stirling	19,239	19,239	21,228	90.0%		90.6%	\$ 3,087,179	3,408,399	90.0%	90.6%
Victoria Park	239	239	1,800	90.0%	1	13.3%	\$ 39,356	296,946	90.0%	13.3%
Vincent	1,812	1,812	1,620	90.0%		111.9%	\$ 298,885	267,251	90.0%	111.8%
Wanneroo	8,537	8,537	12,398	90.0%		68.9%	\$ 1,408,049	2,045,637	90.0%	68.8%
<b>Sub Total Non-Processable</b>	<b>-</b>	<b>32,781</b>	<b>39,726</b>	<b>90.0%</b>		<b>82.5%</b>	<b>\$ 5,322,448</b>	<b>\$ 6,460,572</b>	<b>90.0%</b>	<b>82.4%</b>
<b>Other</b>										
Sita Biovision Residues	41,842	41,842	39,934	82.0%		104.8%	\$ 6,893,291	6,589,110	82.0%	104.6%
Wanneroo WRC	-	-	-	0.0%	1	0.0%	\$ -	-	0.0%	0.0%
<b>Sub Total Other</b>	<b>41,842</b>	<b>41,842</b>	<b>39,934</b>	<b>82.0%</b>		<b>104.8%</b>	<b>\$ 6,893,291</b>	<b>\$ 6,589,110</b>	<b>82.0%</b>	<b>104.6%</b>
<b>SUB TOTAL MEMBERS</b>	<b>87,733</b>	<b>239,978</b>	<b>252,474</b>	<b>95.1%</b>		<b>95.1%</b>	<b>\$ 39,350,086</b>	<b>\$ 41,439,694</b>		<b>95.0%</b>
<b>CASUALS</b>										
Trade	10,669	10,669	11,257	85.9%	1	94.8%	\$ 1,944,113	2,046,718	85.9%	95.0%
Cash	2,294	2,294	2,936	85.9%	1	78.1%	\$ 417,760	533,779	85.9%	78.3%
<b>Sub Total Casuals</b>	<b>-</b>	<b>12,963</b>	<b>14,193</b>	<b>85.9%</b>		<b>91.3%</b>	<b>\$ 2,361,873</b>	<b>\$ 2,580,497</b>	<b>85.9%</b>	<b>91.5%</b>
<b>TOTAL</b>	<b>87,733</b>	<b>165,208</b>	<b>252,941</b>				<b>\$ 41,711,959</b>	<b>\$ 44,020,191</b>		
<b>RECYCLING</b>										
Recycling centre sales							\$ 625,087	785,000	83.3%	79.6%

Notes 1 \* Based on 15/16 actual tonnages

**List of Payments made for the month ended 31 March 2017**

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APPENDIX NO. 4

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**Schedule of Payment for March 2017  
Council Meeting - 6th July 2017**

<b>Cheque Posting Date</b>	<b>Document No.</b>	<b>Vendor Name</b>	<b>Description</b>	<b>Cheque Amount</b>
1/03/2017	314	Cancelled	Cancelled	\$0.00
3/03/2017	315	Cash	Staff lotto - Deducted from staff salary	\$310.00
9/03/2017	316	TELSTRA	Telephone Expenses	\$769.40
9/03/2017	317	Russell Driver	Travel reimbursement	\$149.27
15/03/2017	318	Cash - Petty Cash	Reimbursement of petty cash expenses	\$749.55
15/03/2017	319	TELSTRA	Telephone Expenses	\$960.41
17/03/2017	320	Cash	Staff lotto - Deducted from staff salary	\$310.00
23/03/2017	321	ALINTA ENERGY	Gas usage	\$57.80
23/03/2017	322	TELSTRA	Telephone Expenses	\$458.02
23/03/2017	323	Department of Transport	Vehicle search fees	\$6.60
31/03/2017	324	Cash	Staff lotto - Deducted from staff salary	\$310.00
31/03/2017	325	TELSTRA	Telephone Expenses	\$2,019.44
31/03/2017	326	Australian Services Union	Union Membership Fees - Deducted from staff salary	\$219.75
31/03/2017	327	CHILD SUPPORT	Child Support Allowance payment - Deduction made from staff salary	\$2,753.04
31/03/2017	328	Health Insurance Fund of WA	Health Insurance premium deducted from staff salary	\$543.75
			<b>Total Cheque Payments</b>	<b>\$9,617.03</b>
1/03/2017	DP-01532	linet Ltd	VOIP Charges	\$399.80
1/03/2017	DP-01533	Australian Taxation Office	BAS February 2017	\$213,322.00
3/03/2017	DP-01534	Commonwealth Bank	Bank transaction fee	\$2.50
2/03/2017	DP-01535	Commonwealth Bank	Merchant Fees	\$232.29
2/03/2017	DP-01536	Commonwealth Bank	Merchant Fees	\$879.48
2/03/2017	DP-01537	Commonwealth Bank	Credit Interest Adjustment	\$0.01
15/03/2017	DP-01538	Commonwealth Bank	CommBiz Fees	\$75.49
29/03/2017	DP-01539	Commonwealth Bank	Cash Up bags - 500 bags	\$450.00
			<b>Total Direct Payments</b>	<b>\$215,361.57</b>
2/03/2017	Trf 1	Commonwealth Bank	Inter-account transfer	\$1,000,000.00
8/03/2017	Trf 2	Commonwealth Bank	Inter-account transfer	\$600,000.00
21/03/2017	Trf 3	Commonwealth Bank	Inter-account transfer	\$2,100,000.00
			<b>Total Inter account Transfers</b>	<b>\$3,700,000.00</b>
3/03/2017	EFT-01354	MRC	Payroll Employee Wages	\$113,263.41

2/03/2017	EFT-01355	Adware Flags and Flagpoles	Flags for Tipface x 12 blue, green, yellow	\$1,042.00
2/03/2017	EFT-01355	Amalgam Recruitment	Workshop relief staff	\$2,816.09
2/03/2017	EFT-01355	Brand Success	Recycled rulers - promotional stock	\$1,540.00
2/03/2017	EFT-01355	DFP Recruitment Services	Environmental Admin relief	\$558.61
2/03/2017	EFT-01355	EMRC	Timber processing	\$825.00
2/03/2017	EFT-01355	Ergolink	Chair Sit Stand Perching Stool Weighbridge	\$277.45
2/03/2017	EFT-01355	Fennell Tyres International Pty Ltd	Repair & maintenance for MAN Truck (PLANT104)	\$551.33
2/03/2017	EFT-01355	Iron Mountain Australia Pty Ltd	Storage - Data & archival boxes	\$41.09
2/03/2017	EFT-01355	Joondalup Office National	Computer consumables	\$291.06
2/03/2017	EFT-01355	Kitec Electrical Services	Retic bore pump repairs	\$566.26
2/03/2017	EFT-01355	Kott Gunning Lawyers	Legal Fees	\$1,620.96
2/03/2017	EFT-01355	Michael Page International P/L	Project Manager	\$533.53
2/03/2017	EFT-01355	Midalia Steel	ESteel plate	\$990.55
2/03/2017	EFT-01355	Mike Norman	Travel reimbursement	\$73.55
2/03/2017	EFT-01355	National Geotech	Drilling of 5 wells on Western Side - Tamala Park	\$71,000.22
2/03/2017	EFT-01355	P & G Body Builders P/L	Repair & maintenance for MAN Truck (PLANT104)	\$288.75
2/03/2017	EFT-01355	PIRTEK (MALAGA) PTY LTD	Workshop consumables	\$31.90
2/03/2017	EFT-01355	RCG TECHNOLOGIES	Drop off of Asbestos	\$8,126.99
2/03/2017	EFT-01355	Reece Vellios	Computer system maintenance	\$9,182.22
2/03/2017	EFT-01355	SafeWork	Drug & Alcohol testing	\$865.97
2/03/2017	EFT-01355	Security Specialists Australia Pty Ltd	Cash collection charges	\$399.99
2/03/2017	EFT-01355	Soft Landing	Mattress recycling	\$24,640.00
2/03/2017	EFT-01355	Spider Waste Collection Services P/L	Mattress recycling	\$3,769.70
2/03/2017	EFT-01355	Star Consulting	High performance workshop - Finance & Education team	\$2,310.00
2/03/2017	EFT-01355	Stewart & Heaton Clothing P/L	Protective clothing	\$813.01
2/03/2017	EFT-01355	Suez Recycling & Recovery (Perth) P/L	Confidential bin collection	\$52.04
2/03/2017	EFT-01355	Total Eden Pty Ltd	Pipes and fittings	\$2,436.60
2/03/2017	EFT-01355	Toyota Material Handling P/L	Fuel cap for Toyota forklift (PLANT98)	\$45.39
2/03/2017	EFT-01355	Trophy Specialists	MRC honour board	\$104.00
2/03/2017	EFT-01355	Veraison Enterprises P/L	Team level Debrief for Admin	\$1,386.00
2/03/2017	EFT-01355	Web In A Box	Corporate Communications Strategy	\$44.00
2/03/2017	EFT-01355	Western Tree Recyclers	Processing of green waste	\$8,825.74
2/03/2017	EFT-01355	WORK CLOBBER	Staff Uniforms	\$1,917.48
2/03/2017	EFT-01355	Worldwide Printing Solutions	Printing of Business Cards	\$337.00
2/03/2017	EFT-01356	City of Joondalup	Lease Fees for March 2017	\$10,788.46
2/03/2017	EFT-01356	City of Perth	Lease Fees for March 2017	\$5,399.60
2/03/2017	EFT-01356	City of Stirling	Lease Fees for March 2017	\$21,490.96
2/03/2017	EFT-01356	City of Vincent	Lease Fees for March 2017	\$5,372.74
2/03/2017	EFT-01356	City of Wanneroo	Lease Fees for March 2017	\$10,745.48

2/03/2017	EFT-01356	Town of Cambridge	Lease Fees for March 2017	\$5,372.74
2/03/2017	EFT-01356	Town of Victoria Park	Lease Fees for March 2017	\$5,372.74
3/03/2017	EFT-01357	MRC Credit Card	See separate schedule	\$9,168.89
7/03/2017	EFT-01358	MRC	Payroll Employee Wages	\$9,459.59
7/03/2017	EFT-01359	Oakeley Consolidated P/L	VLAN setup	\$385.00
9/03/2017	EFT-01360	Action Sheds Australia	Installation of shed	\$1,792.00
9/03/2017	EFT-01360	Alance Newspaper & Magazine Delivery	Periodicals/ Publications	\$278.40
9/03/2017	EFT-01360	Amalgam Recruitment	Workshop relief staff	\$5,484.10
9/03/2017	EFT-01360	Australian Payroll Association	Staff Training	\$775.00
9/03/2017	EFT-01360	Bowman & Associates P/L	Superintendent Fees	\$770.00
9/03/2017	EFT-01360	Bunnings	3.5kVa Generator (Briggs and Stratton)	\$1,169.44
9/03/2017	EFT-01360	Corporate Sports Australia	Garden festival - marquee hire	\$871.20
9/03/2017	EFT-01360	CSIRO	Groundwater Sampling Report	\$31,261.00
9/03/2017	EFT-01360	DUN & BRADSTREET AUSTRALIA P/L	Debt collection commission	\$8.58
9/03/2017	EFT-01360	EMRC	Timber processing	\$264.00
9/03/2017	EFT-01360	Envirocare Systems	Hygiene service - RRF & Tamala Park	\$729.38
9/03/2017	EFT-01360	Ergolink	Ergonomic chair for weighbridge	\$277.45
9/03/2017	EFT-01360	Fordham Management Services Pty Ltd	City of Vincent commercial bins review	\$789.92
9/03/2017	EFT-01360	Gary Smith	Reimbursement of safety glasses expenses	\$479.00
9/03/2017	EFT-01360	Gavin Burgess	Community battery collection	\$2,450.00
9/03/2017	EFT-01360	Kapish Services Pty Ltd	Kapish explorer renewal - TRIM	\$1,141.70
9/03/2017	EFT-01360	Kyocera Document Solutions	Photocopying Expenses	\$459.58
9/03/2017	EFT-01360	Lachlan Atkinson	City of Vincent commercial bins review	\$689.86
9/03/2017	EFT-01360	LANDFILL GAS & POWER PTY LTD	Electricity usage	\$12,528.55
9/03/2017	EFT-01360	Neverfail Springwater Ltd	Staff Amenities	\$199.25
9/03/2017	EFT-01360	Performance Packaging	Paper Hand Towels	\$354.42
9/03/2017	EFT-01360	Reece Vellios	Computer system maintenance	\$7,422.88
9/03/2017	EFT-01360	Relationships Australia	Wellness Programs	\$165.00
9/03/2017	EFT-01360	SafeWork	Drug & Alcohol testing	\$869.55
9/03/2017	EFT-01360	Spider Waste Collection Services P/L	Mattress recycling	\$3,710.30
9/03/2017	EFT-01360	Ventouras Advertising & Design	Tamala Park aerial displays	\$1,712.70
9/03/2017	EFT-01360	Western Tree Recyclers	Processing of green waste	\$743.99
9/03/2017	EFT-01360	WORK CLOBBER	Armourskin Rigger Gloves	\$306.72
9/03/2017	EFT-01360	Worldwide Printing Solutions	Degassed Stickers	\$1,027.00
17/03/2017	EFT-01361	MRC	Payroll Employee Wages	\$122,168.19
17/03/2017	EFT-01362	Aaron Griffiths	Cash Advance to staff for international travel - W2E	\$975.00
17/03/2017	EFT-01362	ATOM Supply	Earmuffs Electronic Unisafe	\$1,394.94
17/03/2017	EFT-01362	Biovision 2020 Pty Ltd	Contractor's Fees Feb 2017	\$2,255,723.87
17/03/2017	EFT-01362	CALTEX AUSTRALIA PETROLEUM PTY	Plant - Fuel and Oil	\$1,234.07

17/03/2017	EFT-01362	Data#3	Purchase of computer equipment	\$3,258.28
17/03/2017	EFT-01362	Excel Carpet Cleaning WA	Cleaning of Buildings - RRF	\$880.00
17/03/2017	EFT-01362	Great Southern Fuel Supplies	Distillate	\$34,520.36
17/03/2017	EFT-01362	Gunther Hoppe	Reimbursement of flight travel - W2E plants in UK	\$1,931.34
17/03/2017	EFT-01362	IW Projects	Consultancy - Tender work & scoping of project & PAG meeting	\$15,184.95
17/03/2017	EFT-01362	Joondalup Office National	Photocopying paper	\$233.75
17/03/2017	EFT-01362	Olivers Lawn & Landscaping Pty Ltd	Landscaping and Gardens - RRF	\$427.00
17/03/2017	EFT-01362	Plants & Garden Rentals	Monthly Plants rental	\$220.00
17/03/2017	EFT-01362	RCG TECHNOLOGIES	Drop off of Asbestos	\$3,959.66
17/03/2017	EFT-01362	The Digital Imagineers Company	Weekender Waste Hierarchy Programs	\$4,950.00
17/03/2017	EFT-01362	Vicki Joyce	Finance relief staff	\$2,036.25
17/03/2017	EFT-01362	WA Safety	Squidder Hydration Sachets	\$334.60
17/03/2017	EFT-01362	Western Tree Recyclers	Processing of green waste	\$2,088.79
17/03/2017	EFT-01362	WORK CLOBBER	Staff uniforms	\$356.90
23/03/2017	EFT-01363	AIR MET SCIENTIFIC PTY LTD	Groundwater sampling & reporting	\$2,887.50
23/03/2017	EFT-01363	Amalgam Recruitment	Workshop relief staff	\$2,742.05
23/03/2017	EFT-01363	Ansto	Annual calibration of radiation equipment	\$505.00
23/03/2017	EFT-01363	APN Outdoor (Trading) P/L	Advertisement expenses - Transperth buses	\$8,815.72
23/03/2017	EFT-01363	AUSTRALIA POST - PERTH	Postage & Freight	\$266.91
23/03/2017	EFT-01363	BOC Limited	Cylinder gas	\$93.50
23/03/2017	EFT-01363	Cabcharge Australia Ltd	Travelling charge for conference	\$323.12
23/03/2017	EFT-01363	Command A Com	Telephone Expenses	\$176.00
23/03/2017	EFT-01363	Couplers Malaga	Greasing equipment	\$179.32
23/03/2017	EFT-01363	Creative Catering	Catering Expense - Earth Carers course	\$501.20
23/03/2017	EFT-01363	CSE Crosscom	Installing radio for Caterpillar Forklift (PLANT117)	\$418.00
23/03/2017	EFT-01363	Department of Environment Regulation	Landfill levy penalty charge	\$3,267.36
23/03/2017	EFT-01363	ECOLO WA	Monthly service BioSolution	\$2,112.00
23/03/2017	EFT-01363	Excel Carpet Cleaning WA	Cleaning of Buildings - RRF	\$405.00
23/03/2017	EFT-01363	Fennell Tyres International Pty Ltd	Repair & maintenance for Hino Bin Truck (PLANT61)	\$459.60
23/03/2017	EFT-01363	Glen Boase	Cash advance to staff for inter state conference	\$500.00
23/03/2017	EFT-01363	Greencandy P/L	20x BioWish 1 kg	\$3,740.00
23/03/2017	EFT-01363	Jindalee Bus Charter	Waste Education bus tours	\$385.00
23/03/2017	EFT-01363	Komatsu Australia	Replacement of front window for Komatsu Loader (PLANT93)	\$1,214.70
23/03/2017	EFT-01363	Kyocera Document Solutions	Photocopying Expenses	\$459.58
23/03/2017	EFT-01363	Olivers Lawn & Landscaping Pty Ltd	Landscaping and Gardens - RRF	\$209.00
23/03/2017	EFT-01363	PIRTEK (MALAGA) PTY LTD	Replacement of hose for Grader (PLANT01)	\$638.50
23/03/2017	EFT-01363	RAICH AND ASSOCIATES	Service, downloads and replacements for Dust monitors	\$3,571.54
23/03/2017	EFT-01363	Rish Management Technologies	ChemAlert Annual Subscription	\$2,524.50
23/03/2017	EFT-01363	Soft Landing	Mattress recycling	\$12,622.50

23/03/2017	EFT-01363	Spider Waste Collection Services P/L	Mattress recycling	\$6,629.70
23/03/2017	EFT-01363	Stephen Michael Terenciuk	8 Punchures in Various Truck tyres	\$1,470.00
23/03/2017	EFT-01363	Suez Recycling & Recovery (Perth) P/L	Confidential bin collection	\$52.04
23/03/2017	EFT-01363	Talis Consultants P/L	EMRC Tender - Consultancy	\$10,989.00
23/03/2017	EFT-01363	THE PRINTING FACTORY	Stationery and Printing	\$310.40
23/03/2017	EFT-01363	Tutt Bryant Equipment WA	Hydraulic filters for Bomag Compactor (PLANT100)	\$815.12
23/03/2017	EFT-01363	Ventouras Advertising & Design	No Glass banner designing	\$590.92
23/03/2017	EFT-01363	Veraison Enterprises P/L	Followup coaching	\$1,386.00
23/03/2017	EFT-01363	WA Local Government Association	Staff Training	\$44.00
23/03/2017	EFT-01363	Western Tree Recyclers	Processing of green waste	\$9,171.60
23/03/2017	EFT-01363	WesTrac Pty Ltd	205L engine oil drum for machines	\$1,131.79
31/03/2017	EFT-01364	MRC	Payroll Employee Wages	\$117,036.22
31/03/2017	EFT-01365	AMP FLEXIBLE SUPER	Superannuation Premium	\$1,219.05
31/03/2017	EFT-01365	ANZ Smart Choice Super	Superannuation Premium	\$817.08
31/03/2017	EFT-01365	Australian Ethical Super	Superannuation Premium	\$2,060.46
31/03/2017	EFT-01365	Australian Super Administration	Superannuation Premium	\$1,426.20
31/03/2017	EFT-01365	BT Super for Life - SG	Superannuation Premium	\$1,259.70
31/03/2017	EFT-01365	Colonial First State	Superannuation Premium	\$2,057.34
31/03/2017	EFT-01365	HSTPLUS	Superannuation Premium	\$1,675.56
31/03/2017	EFT-01365	IOOF Portfolio Service Superannuation Fund	Superannuation Premium	\$1,961.26
31/03/2017	EFT-01365	Netwealth Superannuation	Superannuation Premium	\$803.80
31/03/2017	EFT-01365	North Personal Superannuation	Superannuation Premium	\$3,877.12
31/03/2017	EFT-01365	Plum Superannuation Fund	Superannuation Premium	\$355.11
31/03/2017	EFT-01365	Sunsuper	Superannuation Premium	\$2,318.67
31/03/2017	EFT-01365	WALGS PLAN PTY LTD	Superannuation Premium	\$64,259.71
31/03/2017	EFT-01366	AGM Automation North	Tamala Park Main gate maintenance	\$1,914.00
31/03/2017	EFT-01366	Airwell Group Pty Ltd	Replacement of airwell pumps	\$11,824.98
31/03/2017	EFT-01366	ALS Laboratory Services P/L	Ponding sampling, testing & report	\$1,797.40
31/03/2017	EFT-01366	Amalgam Recruitment	Workshop relief staff	\$1,906.37
31/03/2017	EFT-01366	Bedford Combined Probus Club Inc	Waste Education bus tours	\$250.00
31/03/2017	EFT-01366	Bunnings	Expendable tools	\$303.36
31/03/2017	EFT-01366	CAPS Australia Pty Ltd	Front gate Compressor Service	\$1,387.68
31/03/2017	EFT-01366	Castle Security & Electrical Pty	Quarterly monitoring - RRF & Tamala Park	\$1,669.58
31/03/2017	EFT-01366	COMMUNITY NEWSPAPER GROUP	Advertising expenses - No Glass Campaign	\$7,833.66
31/03/2017	EFT-01366	Court Security	CCTV parts	\$96.80
31/03/2017	EFT-01366	EMRC	Timber processing	\$730.31
31/03/2017	EFT-01366	Enviro Sweep	Access Road Maintenance	\$1,650.00
31/03/2017	EFT-01366	Instant Products Group	Portable toilet hire & servicing	\$580.14
31/03/2017	EFT-01366	Iron Mountain Australia Pty Ltd	Data storage	\$18.67



31/03/2017	EFT-01366	Joondalup Office National	Stationery and Printing	\$328.28
31/03/2017	EFT-01366	Kitec Electrical Services	Lighting on Height restrictor	\$1,075.75
31/03/2017	EFT-01366	Komatsu Australia	Scheduled service for Komatsu Loader (PLANT94)	\$6,462.97
31/03/2017	EFT-01366	LANDFILL GAS & POWER PTY LTD	Electricity usage	\$11,554.54
31/03/2017	EFT-01366	Magicorp Pty Ltd	Telephone Expenses	\$113.33
31/03/2017	EFT-01366	Mission Impossible	Cleaning of Buildings	\$1,956.30
31/03/2017	EFT-01366	Neverfail Springwater Ltd	Staff Amenities	\$399.45
31/03/2017	EFT-01366	RCG TECHNOLOGIES	Drop off of Asbestos	\$5,223.72
31/03/2017	EFT-01366	Security Specialists Australia Pty Ltd	Cash collection charges	\$353.99
31/03/2017	EFT-01366	Soft Landing	Mattress recycling	\$16,142.50
31/03/2017	EFT-01366	T & C Transport Services	Courier Expenses	\$816.82
31/03/2017	EFT-01366	The Pest Guys	Quarterly inspection/baiting	\$1,688.50
31/03/2017	EFT-01366	Total Eden Pty Ltd	Evaporation Mats	\$844.39
31/03/2017	EFT-01366	TOX FREE AUSTRALIA P/L	Collection of fluoros	\$502.43
31/03/2017	EFT-01366	Tyrecycle P/L	Collection of Tyres from Transfer station	\$2,389.88
31/03/2017	EFT-01366	WA Local Government Association	Staff Training	\$44.00
31/03/2017	EFT-01366	WesTrac Pty Ltd	Workshop consumables	\$39.82
31/03/2017	EFT-01366	WORK CLOBBER	Signage & Protective Clothing	\$1,703.24
31/03/2017	EFT-01366	Wren Oil	Admin costs - Collection of waste oil	\$33.00
31/03/2017	EFT-01367	TILT TRAY RENTAL	Pick up of Skid Steer Loader (PLANT99) from Westrac workshop	\$226.88
<b>Total EFT Payments</b>				<b>\$3,242,331.20</b>

<b>Cheque No. 314 to 328</b>		<b>\$9,617.03</b>
<b>Electronic Payments:</b>		
DP- 01532 to DP- 01539		\$215,361.57
Inter-Account Transfers		\$3,700,000.00
EFT- 01354 to EFT- 01367		\$3,242,331.20
<b>Grand Total</b>		<b>\$7,167,309.80</b>

#### CERTIFICATE OF CHIEF EXECUTIVE OFFICER

This schedule of accounts which was passed for payment, covering vouchers as above which was submitted to each member of Council on 6th July 2017 has been checked and is fully supported by vouchers and invoices which are submitted herewith and which have been duly certified as to the receipt of goods and the rendition of services and as to prices, computations, and costing and the amounts due for payment.

**Credit Card detailed analysis for January & February 2017 (paid March)**  
**Council Meeting - 6th July 2017**

<b>Date</b>	<b>Payment to</b>	<b>Description</b>	<b>Amount</b>
26-Jan-17	Coles	Amenities	105.93
27-Jan-17	Mirco	Kangaroo Food	85.40
30-Jan-17	Coles	Amenities	65.00
31-Jan-17	Airport Shuttle Bus, Ballarat	Conference	265.00
1-Feb-17	My PET Warehouse	Fly control	28.99
2-Feb-17	Coles	Amenities	(65.00)
2-Feb-17	Amco Industries	Orthomaster & Fatigue Mats	669.35
2-Feb-17	St John Ambulance	First Aid Training	199.00
5-Feb-17	Coles	Amenities	110.80
6-Feb-17	Lets Perth Pty Ltd	Car hire	489.38
7-Feb-17	Qantas Airways	Amenities	88.00
7-Feb-17	Boat Accessories	Maintenance parts	56.75
7-Feb-17	St John Ambulance	First Aid Training	398.00
8-Feb-17	Waste Management, Burwood	Conference	4,750.20
8-Feb-17	Landgate	Property report	49.70
8-Feb-17	Lets Perth Pty Ltd	Car hire	46.46
9-Feb-17	Pronghorn	Amenities	130.08
10-Feb-17	Lets Perth Pty Ltd	Car hire Deposit refund	(500.00)
13-Feb-17	Universal Panel	Car maintenance	303.00
13-Feb-17	Ergo Care	Microdesk document holder	172.23
15-Feb-17	Coles	Amenities	63.50
17-Feb-17	Basilis Fine Foods	Meals - Team Workshop	86.37
19-Feb-17	Who Gives a Crap	Admin paper towels	144.00
20-Feb-17	Mcinery Ford	Car maintenance	340.00
20-Feb-17	City of Perth	Car Parking	4.24
20-Feb-17	Transmit SMS.COM	SMS for DCS monitoring	51.00
21-Feb-17	Airport Express	Conference	245.00
21-Feb-17	Delaware North Retail	Meals & entertainment	28.75
21-Feb-17	BWS	Meals & entertainment	30.10
21-Feb-17	Coles	Amenities	179.06
21-Feb-17	Mercure, Ballarat	Conference	507.00
22-Feb-17	Red Lion Hotel	Meals & entertainment	41.60
	<b>Total Credit Card - 26 January 2017 to 23 February 2017</b>		<b>9,168.89</b>

**List of Payments made for the month ended 30 April 2017**

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APPENDIX NO. 5

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**Schedule of Payment for April 2017  
Council Meeting - 6th July 2017**

<b>Cheque Posting Date</b>	<b>Document No.</b>	<b>Vendor Name</b>	<b>Description</b>	<b>Cheque Amount</b>
18/04/2017	329	Airefrig Australia Pty Ltd	Servicing of gas compressor	\$827.34
18/04/2017	330	TELSTRA	Telephone Expenses	\$1,147.40
18/04/2017	331	WATER CORPORATION	Water usage	\$1,974.69
19/04/2017	332	Cash	Staff lotto - Deducted from staff salary	\$310.00
19/04/2017	333	Cash - Petty Cash	Reimbursement of petty cash expenses	\$704.65
26/04/2017	334	SYNERGY	Electricity usage	\$80.30
26/04/2017	335	TELSTRA	Telephone Expenses	\$450.57
<b>Total Cheque Payments</b>				<b>\$5,494.95</b>
1/04/2017	DP-01540	Cancelled	Cancelled	\$0.00
1/04/2017	DP-01541	linet Ltd	VOIP Charges	\$9.95
2/04/2017	DP-01542	Australian Taxation Office	BAS March 17	\$360,496.00
2/04/2017	DP-01543	Commonwealth Bank	Merchant Fees	\$191.98
2/04/2017	DP-01544	Commonwealth Bank	Merchant Fees	\$57.71
2/04/2017	DP-01545	Commonwealth Bank	Merchant Fees	\$2.03
3/04/2017	DP-01546	Commonwealth Bank	Merchant Fees	\$80.26
3/04/2017	DP-01547	Commonwealth Bank	Merchant Fees	\$844.59
13/04/2017	DP-01548	Commonwealth Bank	Bank transaction fee	\$2.50
18/04/2017	DP-01549	Commonwealth Bank	Account Keeping Fee	\$24.90
18/04/2017	DP-01550	Commonwealth Bank	CommBiz Fees	\$16.50
18/04/2017	DP-01551	Commonwealth Bank	CommBiz Fees	\$56.60
18/04/2017	DP-01552	National Australia Bank	NAB Connect fee	\$5.00
19/04/2017	DP-01553	National Australia Bank	Account Keeping Fee	\$9.00
28/04/2017	DP-01554	Commonwealth Bank	Merchant Fees	\$20.90
<b>Total Direct Payments</b>				<b>\$361,817.92</b>
3/04/2017	EFT-01368	City of Joondalup	Lease Fees for April 2017	\$10,874.42
3/04/2017	EFT-01368	City of Stirling	Lease Fees for April 2017	\$21,834.84
3/04/2017	EFT-01368	City of Vincent	Lease Fees for April 2017	\$5,372.74
3/04/2017	EFT-01368	City of Waverley	Lease Fees for April 2017	\$10,917.43
3/04/2017	EFT-01368	Town of Cambridge	Lease Fees for April 2017	\$5,458.70

3/04/2017	EFT-01368	Town of Victoria Park	Lease Fees for April 2017	\$5,458.70
4/04/2017	EFT-01369	MRC Credit Card	See separate schedule	\$31,147.63
6/04/2017	EFT-01370	Amalgam Recruitment	Workshop relief staff	\$2,669.27
6/04/2017	EFT-01370	APV Valuers	Valuation for Land and Building	\$603.90
6/04/2017	EFT-01370	ATOM Supply	Full Face Respirator & MSA	\$623.47
6/04/2017	EFT-01370	BOBJANE TMART	Tyre replacement for Nissan Navara (PLANT037)	\$455.00
6/04/2017	EFT-01370	ChemCentre	Timber Chemical Testing Equipment	\$396.00
6/04/2017	EFT-01370	COVS Parts Pty Ltd	Renolin & hydraulic oil for workshop	\$1,185.26
6/04/2017	EFT-01370	Data#3	Purchase of Computer equipment	\$4,759.52
6/04/2017	EFT-01370	Envirocare Systems	Hygiene services - RRF & Tamala Park	\$720.91
6/04/2017	EFT-01370	Fennell Tyres International Pty Ltd	Repair & maintenance for Komatsu Loader (PLANT94)	\$946.00
6/04/2017	EFT-01370	FILTER SUPPLIES	Bomag Compactor (PLANT107) Hydraulic filters	\$862.49
6/04/2017	EFT-01370	GCM Enviro Pty Ltd	Carbon Cab filter for Tana Compactor (PLANT100)	\$582.78
6/04/2017	EFT-01370	Joondalup Office National	Stationery and Printing	\$626.80
6/04/2017	EFT-01370	Kandu Partners	MRC Website development	\$6,325.00
6/04/2017	EFT-01370	Komatsu Australia	Wear plates and extra filters for Komatsu Loader (PLANT94)	\$2,601.37
6/04/2017	EFT-01370	Kyocera Document Solutions	Photocopying Expenses & Photocopier lease	\$858.30
6/04/2017	EFT-01370	LGIS Risk Management	Reimbursement for diagram	\$42.43
6/04/2017	EFT-01370	Michael Brazel	Magnet character	\$1,342.00
6/04/2017	EFT-01370	NEWCASTLE WEIGHING SERVICES PT	DCS damaged due to storm	\$1,017.50
6/04/2017	EFT-01370	Ornithological Technical Services	EMRC - Ibis Tracker	\$8,289.40
6/04/2017	EFT-01370	Performance Packaging	Paper Hand Towels and Bin Liners	\$417.13
6/04/2017	EFT-01370	Perth Tree Services	Verge pruning	\$3,025.00
6/04/2017	EFT-01370	PIRTEK (MALAGA) PTY LTD	Hose replacement for Skid Steer Loader (PLANT108)	\$737.89
6/04/2017	EFT-01370	Reece Vellios	Computer system maintenance	\$16,182.81
6/04/2017	EFT-01370	Signs & Lines	MRC Pylon Sign	\$46,860.00
6/04/2017	EFT-01370	Spider Waste Collection Services P/L	Mattress recycling	\$3,144.90
6/04/2017	EFT-01370	Stantons International	ERMC Tender - Probity Consultancy	\$2,934.90
6/04/2017	EFT-01370	Staples Australia P/L	Computer consumables	\$454.22
6/04/2017	EFT-01370	Supreme Shades	Shade sails for Bio-diesel shed	\$3,110.00
6/04/2017	EFT-01370	Western Tree Recyclers	Processing of green waste	\$1,038.97
11/04/2017	EFT-01371	Allpipe Technologies P/L	Drilled well investigation	\$561.00
11/04/2017	EFT-01371	Bale Data Services	Thermal cash register rolls	\$129.62
11/04/2017	EFT-01371	Bowman & Associates P/L	Superintendent Fees	\$5,582.50
11/04/2017	EFT-01371	CALTEX AUSTRALIA PETROLEUM PTY	Plant - Fuel and Oil	\$1,291.15
11/04/2017	EFT-01371	Crossland & Hardy Pty Ltd	Volume survey & planning	\$6,435.00
11/04/2017	EFT-01371	EMRC	Timber processing	\$608.49

11/04/2017	EFT-01371	Gavin Burgess	Community battery collection	\$4,322.00
11/04/2017	EFT-01371	GHD PTY LTD	Consultancy - Groundwater monitoring bore	\$990.00
11/04/2017	EFT-01371	Jemell Sewing P/L	Protective Waders	\$707.30
11/04/2017	EFT-01371	Kitec Electrical Services	Relocate power supply for diesel pump	\$460.57
11/04/2017	EFT-01371	Komatsu Australia	Scheduled service for Komatsu Loader (PLANT93)	\$7,533.89
11/04/2017	EFT-01371	Kott Gunning Lawyers	Legal Expenses	\$648.78
11/04/2017	EFT-01371	Olivers Lawn & Landscaping Pty Ltd	Landscaping and Gardens - RRF	\$223.00
11/04/2017	EFT-01371	Plants & Garden Rentals	Monthly Plants rental	\$220.00
11/04/2017	EFT-01371	Prestige Communications	UHF Handheld and charger	\$1,154.77
11/04/2017	EFT-01371	RCG TECHNOLOGIES	Drop off of Asbestos	\$400.00
11/04/2017	EFT-01371	Robert Gulley	Earth Carers course - presentation	\$550.00
11/04/2017	EFT-01371	Spider Waste Collection Services P/L	Mattress recycling	\$3,026.10
11/04/2017	EFT-01371	ST JOHN AMBULANCE	Calcium Gluconate Gel - HHW	\$115.81
11/04/2017	EFT-01371	The Hire Guys - Wangara	Plant hire charges	\$150.00
11/04/2017	EFT-01371	Western Tree Recyclers	Processing of green waste	\$1,565.94
11/04/2017	EFT-01371	WesTrac Pty Ltd	Repair & maintenance for Excavator (PLANT89)	\$1,601.70
11/04/2017	EFT-01371	WORK CLOBBER	Staff uniforms	\$199.20
14/04/2017	EFT-01372	MRC	Payroll Employee Wages	\$115,423.01
18/04/2017	EFT-01373	Nico Claassen	Reimbursement of expenses WZE	\$425.30
18/04/2017	EFT-01374	Gunther Hoppe	Reimbursement - Cash Advance to Employees	\$1,400.00
19/04/2017	EFT-01375	A & G Wines Plumbing	Irrigation at the Education Centre	\$231.28
19/04/2017	EFT-01375	Amalgam Recruitment	Workshop relief staff	\$4,956.12
19/04/2017	EFT-01375	AUSTRALIA POST - PERTH	Postage & Freight	\$215.00
19/04/2017	EFT-01375	Biovision 2020 Pty Ltd	Contractor's Fees March 2017	\$2,535,305.92
19/04/2017	EFT-01375	Cabcharge Australia Ltd	Member Conference travelling expenses	\$317.97
19/04/2017	EFT-01375	Domain Catering	Catering Expenses - Earth Carers course	\$674.50
19/04/2017	EFT-01375	EMRC	Timber processing	\$215.15
19/04/2017	EFT-01375	Great Southern Fuel Supplies	Distillate & Grease	\$54,514.22
19/04/2017	EFT-01375	Iron Mountain Australia Pty Ltd	Data storage	\$44.20
19/04/2017	EFT-01375	JSB FENCING & Machinery Hire P/L	Fence - Evaporation Pond	\$10,641.40
19/04/2017	EFT-01375	Kitec Electrical Services	Electrical repairs	\$292.60
19/04/2017	EFT-01375	Komatsu Australia	Scheduled service for Komatsu Dump Truck (PLANT90)	\$2,064.51
19/04/2017	EFT-01375	MEEC	Bore service and maintenance	\$1,004.17
19/04/2017	EFT-01375	MINDARIE BUS CHARTER	Waste Education bus tours	\$550.00
19/04/2017	EFT-01375	Nathan Ahern	Travel reimbursement	\$96.64
19/04/2017	EFT-01375	Reece Vellios	Computer system maintenance	\$8,337.70
19/04/2017	EFT-01375	REmida Perth Inc	Earth Carers venue hire	\$80.00

19/04/2017	EFT-01375	Spider Waste Collection Services P/L	Mattress recycling	\$2,998.60
19/04/2017	EFT-01375	Suez Recycling & Recovery (Perth) P/L	Confidential bin collection	\$98.58
19/04/2017	EFT-01375	Thermoscan Inspection Services P/L	Thermoscan for asset life	\$1,595.00
19/04/2017	EFT-01375	Town of Cambridge	Earth Carers venue hire	\$96.75
19/04/2017	EFT-01375	WA Safety	Squwincher Hydration Sachets, Protective clothing	\$771.00
19/04/2017	EFT-01375	Western Tree Recyclers	Processing of green waste	\$1,637.26
19/04/2017	EFT-01375	WORK CLOBBER	Staff Uniforms	\$2,936.68
19/04/2017	EFT-01375	Worldwide Printing Solutions	Pre Start books	\$899.00
27/04/2017	EFT-01376	A & G Wines Plumbing	Plumbing repairs - RRF	\$1,321.21
27/04/2017	EFT-01376	Access Technologies P/L	Speed Humps - Supply and install	\$2,883.76
27/04/2017	EFT-01376	Amalgam Recruitment	Workshop relief staff	\$1,851.03
27/04/2017	EFT-01376	ATOM Supply	Protective Clothing	\$409.48
27/04/2017	EFT-01376	AV Truck Services P/L	Drivers side step	\$474.44
27/04/2017	EFT-01376	Bearcat Tyres	Repalcement tyres for Toyota Forklift (PLANT98)	\$1,392.71
27/04/2017	EFT-01376	BOC Limited	Cylinder gas	\$57.37
27/04/2017	EFT-01376	Castledine Gregory	Legal Expenses	\$5,621.40
27/04/2017	EFT-01376	CHUBB FIRE SAFETY LTD	Hose reel maintenance and alteration	\$5,115.72
27/04/2017	EFT-01376	Department of Environment Regulation	DEP Landfill levy Jan-March 17	\$2,516,183.81
27/04/2017	EFT-01376	Domain Catering	Catering Expenses - Earth Carers course	\$1,359.50
27/04/2017	EFT-01376	Enviro Sweep	Access Road Maintenance	\$1,650.00
27/04/2017	EFT-01376	Fast Finishing Services	Biding of 6 x minute books	\$444.40
27/04/2017	EFT-01376	Instant Products Group	Portable toilet hire & servicing	\$578.34
27/04/2017	EFT-01376	Joondalup Office National	Stationery and Printing	\$210.45
27/04/2017	EFT-01376	Kandou Partners	MRC Website development	\$4,242.00
27/04/2017	EFT-01376	KD Aire Mechanical and Electrical Services	Air conditioning maintenance	\$770.00
27/04/2017	EFT-01376	Kyocera Document Solutions	Photocopying Expenses & Photocopier Lease	\$626.19
27/04/2017	EFT-01376	MagiCorp Pty Ltd	Telephone Expenses	\$113.33
27/04/2017	EFT-01376	METTLER TOLEDO LIMITED	Tamala Park weighbridge callibration	\$5,076.50
27/04/2017	EFT-01376	Midalia Steel	Steel supplies and mesh for concrete pad	\$879.50
27/04/2017	EFT-01376	Mission Impossible	Cleaning of Buildings - Tamala Park	\$1,956.30
27/04/2017	EFT-01376	Neverfail Springwater Ltd	Staff Amenities	\$172.85
27/04/2017	EFT-01376	Olivers Lawn & Landscaping Pty Ltd	Landscaping and Gardens - RRF	\$149.00
27/04/2017	EFT-01376	RCG TECHNOLOGIES	Drop off of Asbestos	\$4,596.00
27/04/2017	EFT-01376	Robert Gulley	Earth Carers course - presentation	\$550.00
27/04/2017	EFT-01376	Security Specialists Australia Pty Ltd	Cash collection charge	\$385.97
27/04/2017	EFT-01376	SIGN-A-RAMA	Signage	\$2,332.00
27/04/2017	EFT-01376	Spider Waste Collection Services P/L	Mattress recycling	\$3,884.10

27/04/2017	EFT-01376	Stantons International	ERMC Tender - Probity Consultancy	\$7,171.45
27/04/2017	EFT-01376	Stephen Michael Terenciuk	Replacement tyre for Komatsu Dump Truck (PLANT90)	\$1,563.00
27/04/2017	EFT-01376	Strata Green	Bushland Management	\$182.16
27/04/2017	EFT-01376	T & C Transport Services	Courier Expenses	\$733.34
27/04/2017	EFT-01376	The Factory	No Glass banners	\$2,409.00
27/04/2017	EFT-01376	Total Eden Pty Ltd	Dizzle mat supplies	\$58.30
27/04/2017	EFT-01376	Tyrecycle P/L	Collection of Tyres from Transfer station	\$2,530.81
27/04/2017	EFT-01376	URBAN RESOURCES	D10 hire & stockpile crushing and screening	\$27,323.00
27/04/2017	EFT-01376	Vicki Joyce	Finance relief staff	\$1,203.75
27/04/2017	EFT-01376	WA HINO SALES & SERVICE	Repair & maintenance for Hino Bin truck (PLANT61)	\$4,410.25
27/04/2017	EFT-01376	Western Tree Recyclers	Processing of green waste	\$6,937.66
27/04/2017	EFT-01376	WesTrac Pty Ltd	Workshop consumables supplies	\$305.21
27/04/2017	EFT-01376	Wren Oil	Admin costs - Collection of waste oil	\$33.00
28/04/2017	EFT-01377	MRC	Payroll Employee Wages	\$118,023.43
<b>Total EFT Payments</b>				<b>\$5,728,348.78</b>

<b>Cheque No. 329 to 335</b>	<b>\$5,494.95</b>
<b>Electronic Payments:</b>	
<b>DP- 01540 to DP- 01554</b>	<b>\$361,817.92</b>
<b>EFT- 01368 to EFT- 01377</b>	<b>\$5,728,348.78</b>
<b>Grand Total</b>	<b>\$6,095,661.65</b>



**Missed Payments not previously reported**

1/09/2016	EFT-01265	City of Joondalup	Lease Fees for September 2016	\$10,745.48
1/09/2016	EFT-01265	City of Perth	Lease Fees for September 2016	\$5,372.74
1/09/2016	EFT-01265	City of Stirling	Lease Fees for September 2016	\$21,490.96
1/09/2016	EFT-01265	City of Vincent	Lease Fees for September 2016	\$5,372.74
1/09/2016	EFT-01265	City of Wanneroo	Lease Fees for September 2016	\$10,745.48
1/09/2016	EFT-01265	Town of Cambridge	Lease Fees for September 2016	\$5,372.74
1/09/2016	EFT-01265	Town of Victoria Park	Lease Fees for September 2016	\$5,372.74
1/09/2016	EFT-01266	ALLIGHTSYKES P/L	Repair & maintenance for Lighting Tower (PLANT88)	\$429.00
1/09/2016	EFT-01266	AUSTRALIAN TRAINING MANAGEMENT	Staff Training	\$600.00
1/09/2016	EFT-01266	AV Truck Services P/L	Scheduled service for MAN truck (PLANT104)	\$1,936.33
1/09/2016	EFT-01266	Cabcharge Australia Ltd	Xmas function cab drop off vouchers	\$839.85
1/09/2016	EFT-01266	City of Wanneroo	Rates for RRF 2016/17	\$107,164.40
1/09/2016	EFT-01266	COMMUNITY NEWSPAPER GROUP	Advertisements	\$396.00
1/09/2016	EFT-01266	ECOLO WA	Odour management supplies	\$1,176.73
1/09/2016	EFT-01266	Enviro Sweep	Access Road Sweeping	\$1,650.00
1/09/2016	EFT-01266	Getex Pty Ltd	Asbestos Training	\$3,795.00
1/09/2016	EFT-01266	Instant Products Group	Portable toilet hire & servicing	\$735.37
1/09/2016	EFT-01266	J & K Hopkins (Malaga)	Work Station for Education department	\$719.00
1/09/2016	EFT-01266	John Phillips Consulting	CEO Performance Review 2016	\$2,200.00
1/09/2016	EFT-01266	Kitec Electrical Services	CCTV electrical works	\$10,309.85
1/09/2016	EFT-01266	Kott Gunning Lawyers	Legal Expenses	\$223.30
1/09/2016	EFT-01266	Kyocera Document Solutions	Photocopying Expenses	\$685.95
1/09/2016	EFT-01266	Michael Page International P/L	Project Manager	\$3,620.40
1/09/2016	EFT-01266	Mission Impossible	Cleaning of Buildings	\$1,956.30
1/09/2016	EFT-01266	Portner Press P/L	Health & Safety magazine	\$97.00
1/09/2016	EFT-01266	RCG TECHNOLOGIES	Drop off of Asbestos	\$3,236.67
1/09/2016	EFT-01266	Relationships Australia	Wellness Programs	\$165.00
1/09/2016	EFT-01266	Security Specialists Australia Pty Ltd	Cash collection charge	\$399.99
1/09/2016	EFT-01266	Soft Landing	Mattress recycling	\$17,808.00
1/09/2016	EFT-01266	Staples Australia P/L	Stationery and Printing	\$407.54
1/09/2016	EFT-01266	Stephen Michael Terenciuk	Replacement tyre for MAN Truck (PLANT104)	\$295.00
1/09/2016	EFT-01266	Suez Recycling & Recovery (Perth) P/L	Confidential bin collection	\$52.04

1/09/2016	EFT-01266	<b>T &amp; C Transport Services</b>	Courier Expenses	\$271.61
1/09/2016	EFT-01266	<b>The Planning Group WA Pty Ltd</b>	Stage 1 - Post Closure Landfill Study	\$8,898.34
1/09/2016	EFT-01266	<b>Tyrecycle P/L</b>	Collection of Tyres from Transfer station	\$724.62
1/09/2016	EFT-01266	<b>Western Tree Recyclers</b>	Processing of green waste	\$4,912.86
1/09/2016	EFT-01266	<b>WILSON SECURITY P/L</b>	Building Security	\$3,575.01
1/09/2016	EFT-01266	<b>Wren Oil</b>	Admin costs - Collection of waste oil	\$181.50
2/09/2016	EFT-01267	<b>MRC</b>	Payroll Employee Wages	\$114,748.97
				<b>\$358,684.51</b>

#### CERTIFICATE OF CHIEF EXECUTIVE OFFICER

This schedule of accounts which was passed for payment, covering vouchers as above which was submitted to each member of Council on 6th July 2017 has been checked and is fully supported by vouchers and invoices which are submitted herewith and which have been duly certified as to the receipt of goods and the rendition of services and as to prices, computations, and costing and the amounts due for payment.

**Credit Card detailed analysis for February & March 2017 (paid April)**  
**Council Meeting - 6th July 2017**

<b>Date</b>	<b>Payment to</b>	<b>Description</b>	<b>Amount</b>
24-Feb-17	Airport Express	Conference	235.00
24-Feb-17	OFWKS Online	Sit stand desk	1,193.95
24-Feb-17	Black Cabs	Travelling expenses	22.88
24-Feb-17	Zagames Golden	Conference - Meals & entertainment	39.50
24-Feb-17	Mercure, Ballarat	Conference	32.00
24-Feb-17	Delare North Retail	Conference - Meals & entertainment	23.40
24-Feb-17	All Fence u Rent	Hire costs	682.00
24-Feb-17	Table 48, Ballarat	Conference - Meals & entertainment	813.40
24-Feb-17	Mercure, Ballarat	Conference	2,122.10
24-Feb-17	Modular Contruction	Fuel pad construction	635.14
24-Feb-17	Mercure, Ballarat	Conference	281.60
27-Feb-17	St John Ambulance	First aid training	597.00
28-Feb-17	Coles	Amenities	166.01
28-Feb-17	Easy Pest Supplies	Termite traps	260.00
1-Mar-17	Adobe Acropro	Adobe renewal	224.27
2-Mar-17	RWC Concrete	Fuel pad construction	5,577.00
2-Mar-17	Action Sheds	Biodiesel shed - spare keys	87.43
20-Jan-17	Airport Express	Conference	(265.00)
3-Mar-17	Mirco	Kangaroo Food	85.40
4-Mar-17	Wilson Parking	Parking	15.12
7-Mar-17	Hydroterra P/L	Vapor Pin	1,123.12
9-Mar-17	Coles	Amenities	125.99
14-Mar-17	QBE Insurance	Travel insurance	36.00
14-Mar-17	Flight Centre	Conference	11,658.00
15-Mar-17	Qantas Airways	Conference	2,373.63
15-Mar-17	Campbell's Janitor	Cleaning supplies	15.29
15-Mar-17	Mirco	Kangaroo Food	1,654.45
16-Mar-17	Austwide Tarps	Tarp accessories	130.00
16-Mar-17	Access Technologies	Convex Mirror	218.90
20-Mar-17	City of Perth	Parking	7.88
21-Mar-17	Premier Workplace	Bollards	646.80
23-Mar-17	Coles	Amenities	197.37
24-Mar-17	Alga Limited	Staff Training	132.00
<b>Total Credit Card - 24 February 2016 to 28 March 2017</b>			<b>31,147.63</b>

**Deed regarding the delivery of waste – between MRC and WMRC**

Item  
11.3

APPENDIX NO. 6

Item  
11.3



## **Deed regarding the delivery of waste (Deed)**

### **Between**

Mindarie Regional Council (**MRC**)

Western Metropolitan Regional Council (**WMRC**)

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## Date

This Deed is dated 26 June 2015.

## Parties

Name:	<b>Mindarie Regional Council</b>
Short form name:	<b>MRC</b>
ABN	17 015 003 687
Notice details:	<p>Address: 1700 Marmion Avenue Tamala Park WA 6030 Attention: The Chief Executive Officer</p> <p>Email: Chief Executive Officer: <a href="mailto:bcallander@mrc.wa.gov.au">bcallander@mrc.wa.gov.au</a> &amp; <a href="mailto:admin@mrc.wa.gov.au">admin@mrc.wa.gov.au</a></p>
Name:	<b>Western Metropolitan Regional Council</b>
Short form name:	<b>WMRC</b>
ABN	23 870 276 543
Notice details:	<p>Address: Wearne House 40 Marine Parade (Corner Warton Street) Cottesloe WA 6011 Attention: The Chief Executive Officer</p> <p>Email: Chief Executive Officer: <a href="mailto:ceo@wmrc.wa.gov.au">ceo@wmrc.wa.gov.au</a> &amp; <a href="mailto:Aimee.Hynes@wmrc.wa.gov.au">Aimee.Hynes@wmrc.wa.gov.au</a></p>

## Recitals

- A. The WMRC has a contractual commitment to supply 33,000 tonnes of MSW per annum to the DiCOM Plant.
- B. To ensure that it meets this commitment, it seeks 18,500 tonnes of MSW per annum from sources other than the WMRC Participants.
- C. The MRC agrees to endeavour to assist the WMRC by nominating the JFR RRF as the location for the delivery of the Requested Tonnage of MSW by 1 or more of its Constituent Municipalities, on the terms set out in this Deed.

## Agreed terms

The Parties agree as follows:

### 1. Definitions and interpretation

## 1.1 Definitions

In this Deed, the following words have the following meanings, unless the contrary intention appears:

**Claim** means any claim, notice, demand, action, proceeding, litigation, investigation or judgment whether based in contract, tort, statute or otherwise and includes a benefit, compensation, damages, restitution or other entitlements in money or kind, payable or awardable under any law.

**Constituent Municipality** means a local government who is a 'constituent municipality' within the meaning of the Constitution and a participant of the MRC within the meaning of section 3.61 of the *Local Government Act 1995*, and includes a Constituent Municipality's contractors, employees and assigns.

**Constitution** means the document entitled '*Regional District and Regional Council Constitution Agreement*' undated but stamped 21 December 1988 made between Perth, Stirling and Wanneroo, as may be amended or replaced from time to time, and which currently incorporates the following documents:

- (a) an undated Deed of Variation made between Perth, Stirling and Wanneroo;
- (b) a Deed of Variation dated 25 November 1996 made between Wanneroo, Stirling, Perth, Vincent, Cambridge and Victoria Park;
- (c) a Deed of Amendment dated 20 October 1999 made between Perth, Stirling, Cambridge, Vincent, Victoria Park, Joondalup and Wanneroo; and
- (d) a Deed of Variation undated but stamped 15 April 2004 made between Cambridge, Joondalup, Perth, Stirling, Victoria Park, Vincent and Wanneroo.

**Deed** means this Deed of Agreement.

**Delivered Tonnage** means the volume of MSW delivered to the JFR RRF by Constituent Municipalities within 7 days of a Weekly Notice being issued.

**DiCOM Plant** means the Resource Recovery Plant at the JFR RRF.

**Gate Fee** means the fee usually payable by a Constituent Municipality for the disposal of waste at Tamala Park, as determined and varied by the MRC from time to time.

**GST Act** means the *A New Tax System (Goods and Services Tax) Act 1999* (Cth) as amended from time to time.

**GST Rate** means that rate of GST payable from time to time under the GST Act.

**JFR RRF** means the JFR (Jim) McGeough Resource Recovery Facility at the Cnr Brockway Road & Lemnos Street, Shenton Park, and includes the DiCOM Plant.

**Landfill Waste** means any MSW which can be safely and lawfully disposed of at Tamala Park, in compliance with the types of waste allowed to be received at a Class II landfill as outlined in *Landfill Waste Classification and Waste Definitions 1996* as amended from time to time, and is not proposed to be further processed or recycled.



**Landfill Waste Classification and Waste Definitions 1996** means Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009) as Published by the Director General, Department of Environment and Conservation on 17 December 2009 pursuant to items 63, 64, 65 and 66 in Schedule 1, Part 1 of the Environmental Protection Regulations 1987.

**Loss** means any cost, loss, liability, fine, penalty or damage.

**MSW** means the household domestic waste deposited in a mobile garbage bin for kerb-side collection by a Constituent Municipality.

**Party** means a party to this Deed. 'Parties' has a corresponding meaning.

**Requested Tonnage** means the volume of MSW which WMRC requests be delivered to the JFR RRF in a Weekly Notice.

**Tamala Park** means the Tamala Park Landfill at Tamala Park, 1700 Marmion Avenue, Tamala Park, WA 6030.

**Weekly Notice** means the notice issued by the WMRC to the MRC in accordance with clause 3.1.

**WMRC Participant** means a participant of the WMRC within the meaning of section 3.61 of the *Local Government Act 1995*.

## 1.2 Interpretation

In this Deed, unless the context otherwise requires:

- (a) except as otherwise expressly provided in this Deed, words which are capitalised and not otherwise defined in clause 0 have the meaning given in the General Conditions as if those terms and their associated definitions were repeated in full in this Deed;
- (b) the headings or subheadings are inserted for guidance only and do not govern the meaning or construction of any provision of this Deed;
- (c) words expressed in the singular include the plural and vice versa;
- (d) another grammatical form of a defined word or expressions has a corresponding meaning;
- (e) a 'person' includes a company, partnership, firm, joint venture, association, authority, corporation or other body corporate, trust or government agency;
- (f) a reference to a law is a reference to any law in force from time to time in the State of Western Australia or otherwise applicable to this Deed or the subject matter of this Deed, including statutory and common law;
- (g) a reference to a document, agreement or instrument is to that document, agreement or instrument as varied, amended, supplemented, or replaced;

- (h) a reference to a Party to this Deed includes that Party's successors, permitted substitutes (including persons taking by novation), permitted transferees, receivers, managers, administrators and assigns;
- (i) a reference to a person which has ceased to exist or has reconstituted, amalgamated, reconstructed or merged, or the functions of which have become exercisable by another person, is a reference to the person established or constituted in its place or by which its functions have become exercisable;
- (j) a reference to a government entity (corporate or unincorporate) or person established under any written law includes a reference to any person or body (corporate or unincorporate) established or continued to perform the same or substantially similar function;
- (k) a reference to conduct includes, without limitation, an omission, statement or undertaking, whether or not it is in writing;
- (l) 'including' means 'including but not limited to';
- (m) a reference to any written law shall be deemed to include any amendment, re-enactment or consolidation of the written law;
- (n) where time is to be reckoned from a day or event, that day or the day of that event is excluded. If the day on or by which a person must do something is not a business day, the person must do it on or by the next business day;
- (o) a reference to the time of receiving a notice under this Deed means the time of actual receipt, or deemed receipt, whichever is the earlier.

## **2. Term, termination and warranties**

### **2.1 Commencement and usual term**

- (a) This Deed comes into force and effect as between the Parties on the date that the last of the Parties executes this Deed.
- (b) This Deed shall terminate in accordance with clause 2.2.

### **2.2 Termination**

This Deed shall terminate as between Parties:

- (a) on the 2 year anniversary of its commencement of this Deed, as determined by clause 2.1(a);
- (b) where either party, in its absolute discretion, gives no less than 14 days' written notice to the other party, with the termination to be effective on the expiry of the notice period specified in the notice;
- (c) where the MRC notifies the WMRC that it has formed the view, acting reasonably, that the WMRC has breached this Deed;

whichever is earlier.

### **2.3 Survival of entitlements upon termination**

- (a) Clause 5 survives the termination of this Deed.
- (b) Any entitlements, liabilities or causes of action which accrue under this Deed prior to termination survive termination.

### **2.4 Warranties and acknowledgements**

- (a) The Parties each warrant and represent, for the benefit of the other Parties, as applicable, that they are each authorised to enter into this Deed.
- (b) The WMRC acknowledges and agrees that the JFR RRF is a place which may be provided by the MRC to its Constituent Municipalities for the delivery of the Requested Tonnage of MSW for as long as this Deed is in effect.
- (c) The WMRC warrants that any MSW delivered to the JFR RRF by a Constituent Municipality will be safely and lawfully processed and disposed of.
- (d) The WMRC warrants and represents that the JFR RRF is, and will continue to be, a premises which:
  - (i) is equipped to safely receive and process MSW;
  - (ii) can lawfully receive and process MSW;
  - (iii) is maintained to a high standard;
  - (iv) is managed and staffed by an adequate number of appropriately skilled and experienced individuals;
  - (v) is insured for public risk, in an amount of not less than \$20,000,000 in relation to any single event.
- (e) The WMRC acknowledges and agrees that:
  - (i) any failure of a Constituent Municipality to comply with a direction, nomination, or request issued by the MRC in relation to the delivery of MSW to the JFR RRF does not constitute a breach by the MRC of the Deed;
  - (ii) the MRC is not liable for the conduct of a Constituent Municipality;
  - (iii) the MRC has no control over, or liability in relation to, the quantity or quality of the material delivered to the JFR RRF by a Constituent Municipality.

### **3. Weekly Notice and delivery of waste to the JFR RRF and Tamala Park**

#### **3.1 Weekly Notice**

- (a) By every Friday, the WMRC is to issue the MRC with a Weekly Notice requesting the delivery of the Requested Tonnage of MSW to the JFR RRF within 7 days.
- (b) The Weekly Notice:
  - (i) is to specify the Requested Tonnage, which must not be more than 355 tonnes;
  - (ii) is to contain the information referred to in Schedule 1;
  - (iii) is to specify the deliveries of Landfill Waste to be made to Tamala Park within 7 days.
- (c) The Weekly Notice is to be issued in accordance with clause 7.
- (d) Once issued, the Weekly Notice may be varied by mutual consent between the MRC and the WMRC.

#### **3.2 Delivery of the waste**

- (a) Following the issuance of a Weekly Notice the MRC is to promptly:
  - (i) nominate the JFR RRF as the location for delivery of the Requested Tonnage of MSW, for the purposes of clause 4A.1 of the Constitution; and
  - (ii) to the extent permitted by clause 4A.1 of the Constitution, direct 1 or more Constituent Municipalities to deliver, in total, the Requested Tonnage of MSW to the JFR RRF.
- (b) Within 30 days of delivery of the Delivered Volume to the JFR RRF by 1 or more of the Constituent Municipalities, the WMRC is to deliver an equivalent number of tonnes of Landfill Waste to Tamala Park.
- (c) The WMRC is to use its best endeavours to facilitate an average turnaround time of 20 minutes or less for any council vehicles directed to the DiCOM facility by the MRC.

#### **3.3 Payment for delivery**

- (a) On the 7th day of each calendar month, the MRC is to issue the WMRC with an invoice seeking payment of the Gate Fee for the Landfill Waste delivered to Tamala Park during the preceding month.

- 
- (b) The WMRC must pay the Gate Fee for the Landfill Waste delivered to Tamala Park during the preceding month within 14 days after receipt of an invoice for the same from the MRC.
  - (c) On the 7th day of each calendar month, the WMRC is to issue the MRC with an invoice seeking payment of the Gate Fee for the MSW delivered to the JFR RRF by one or more Constituent Municipalities during the preceding month.
  - (d) The MRC must pay the Gate Fee for the MSW delivered to the JFR RRF by one or more Constituent Municipalities during the preceding month within 14 days after receipt of an invoice for the same from the WMRC.

### **3.4 Accessing Tamala Park**

The WMRC is to comply with all reasonable requests, directions, policies and requirements issued by the MRC in relation to the delivery of Landfill Waste to Tamala Park, including in relation to the timing, manner and method of delivery of that waste.

## **4. Weighing Records**

- (a) The WMRC shall:
  - (i) upon the arrival of a vehicle carrying a Constituent Municipality's MSW at the JFR RRF, weigh the volume of MSW being delivered to the JFR RRF on a certified weighbridge;
  - (ii) maintain a record of the volume of each delivery of MSW made by a Constituent Municipality; and
  - (iii) within 7 days after the end of each month, provide to the MRC copies of the records with respect to the preceding month.
- (b) The MRC shall:
  - (i) upon the arrival of a vehicle carrying Landfill Waste at Tamala Park, weigh the volume of Landfill Waste being delivered to Tamala Park on a certified weighbridge;
  - (ii) maintain a record of the volume of each delivery of Landfill Waste made by the WMRC; and
  - (iii) within 7 days after the end of each month, provide to the WMRC copies of the records with respect to the preceding month.

## **5. Allocation of risk, releases and indemnities**

### **5.1 Allocation of risk**

When MSW is unloaded from a Constituent Municipality's vehicle at the JFR RRF, property in and the benefit of and risk of and liabilities in respect of that MSW passes to the WMRC.

When Landfill Waste is unloaded by the WMRC at Tamala Park, property in and the benefit of and risk of and liabilities in respect of that Landfill Waste passes to the MRC.

### **5.2 Exclusion of liability**

Under no circumstances shall the MRC be liable to the WMRC or any other person for any Loss (including as a result of the negligence of the MRC or its employees, officers, agents or contractors) relating to:

- (a) any MSW delivered by a Constituent Municipality to the JFR RRF under this Deed;
- (b) the exercise by MRC of its rights under clause 3.4.

### **5.3 Release and Indemnity by WMRC**

The WMRC absolutely and irrevocably releases and forever discharges MRC from all and any Claims, and indemnifies the MRC from and against all and any Losses, arising from:

- (a) the termination of this Deed by the MRC;
- (b) any warranty or representation given or made by the WMRC under this Deed being untrue;
- (c) the sale, supply or use of any MSW delivered by a Constituent Municipality as a consequence of MRC's compliance with clause 3.2(a) of this Deed;
- (d) the breach of any applicable laws, authorisations, conditions, or licences applicable to the composting, processing, storage, reuse, use or disposal of the MSW delivered by a Constituent Municipality to the JFR RRF under this Deed, including but not limited to any environmental legislation or regulations, or any failure to comply with any relevant industry or other applicable standard;
- (e) the conduct of a Constituent Municipality in complying with, or failing to comply with, any nomination or request issued by the MRC in accordance with clause 3.2(a);
- (f) any nomination or request issued by the MRC in accordance with clause 3.2(a);

- 
- (g) the quality of the MSW delivered to the JFR RRF by a Constituent Municipality under this Deed; or
  - (h) the quantity of the MSW delivered to the JFR RRF by a Constituent Municipality under this Deed.

## **6. GST**

In this clause 6, a word or expression defined in the GST Act has the meaning given to it in the GST Act.

### **6.1 GST exclusive amounts**

- (a) Where an amount of Consideration is payable for a Taxable Supply made under this Deed (whether that amount is specified or can be calculated in accordance with this Deed), it does not include GST and must be increased by the GST Rate.
- (b) The Party making a Taxable Supply under this Deed must issue a Tax Invoice or Adjustment Note to the Recipient in accordance with the GST Act. Notwithstanding any provision to the contrary in this Deed, payment will be due within 20 business days of a Party receiving a Tax Invoice in accordance with this clause 6.1.
- (c) If any Party has a right to be reimbursed or indemnified for any cost or expense incurred under this Deed, that right does not include the right to be reimbursed or indemnified for that component of a cost or expense for which the indemnified Party can claim an Input Tax Credit.
- (d) A Party may issue a Recipient-created Tax Invoice in respect of payment made to it by the other Party.

## **7. Notices**

### **7.1 General**

Any notice:

- (a) must be in writing and signed by a person duly authorised by the sender, except for notices issued under clause 3.1 in which case the notice may be in the form of an email sent from the email account of a person duly authorised by the sender;
- (b) must be delivered to the intended recipient to the email addresses shown in the 'Parties' section at the start of this Deed; and
- (c) must be delivered between 9:00am and 4:00pm local time.

---

## **8. General**

### **8.1 Costs**

- (a) The WMRC and the MRC shall share, in equal halves, the costs associated with preparing this Deed.
- (b) The WMRC must pay the MRC its share of the costs associated with the preparation of this Deed within 7 days of the MRC providing the WMRC with a copy of an invoice, receipt or other document verifying the nature and quantum of the cost.
- (c) WMRC shall pay any stamp duty, tax or other governmental duty or fee chargeable on this Deed, or any instruments entered into under this Deed and any transaction evidenced by it.

### **8.2 Review and variation**

Where this Deed is to be modified, amended or varied, then this Deed may only be amended by a document in writing signed by the Parties to the agreed amendment.

### **8.3 Entire agreement**

This Deed constitutes the entire agreement between the Parties as to its subject matter and, in relation to that subject matter, supersedes any prior understanding or agreement between any of the Parties and any prior condition, warranty, indemnity or representation imposed, given or made by a Party.

### **8.4 Waiver**

A right or power under the Deed shall only be deemed to be waived by notice in writing, signed by the Party waiving the right or power.

### **8.5 Counterparts**

This Deed may be executed in any number of counterparts and by the Parties in separate counterparts. Each counterpart constitutes an original of this Deed, all of which taken together constitute one deed.



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**Execution**
**EXECUTED** as a Deed

For and on behalf of **Mindarie Regional Council** ) 4 October 2016  
 )  
 )

---

 Chief Executive Officer (signature)
**Brian Callander**


---

 Full Name of the Chief Executive Officer

←   
 Witness (signature)

---

 LYNNA ANNE NYSSON

---

 Full Name of Witness

For and on behalf of **Western Metropolitan Regional Council** ) 4 October 2016  
 )  
 )

---

 Chief Executive Officer (signature)
**Gunther Hoppe**


---

 Full Name of the Chief Executive Officer

---

 Witness (signature)

---

 SARAH JESSOP

---

 Full Name of Witness

## Schedule 1: Weekly Notice

This Weekly Notice is to be completed pursuant to the Deed regarding the delivery of waste dated:

Sent by email to:

[bcallander@mrc.wa.gov.au](mailto:bcallander@mrc.wa.gov.au) & [admin@mrc.wa.gov.au](mailto:admin@mrc.wa.gov.au)

Chief Executive Officer

Mindarie Regional Council

1700 Marmion Avenue

Tamala Park WA 6030

Attention: Brian Callander

Copy to: Admin

Item	Information required	WMRC to complete	Note
1.	Date of this notice		This notice can only be issued on a Friday
2.	Week Number		
3.	Requested Tonnage of MSW		This tonnage must be no more than 355 tonnes per week
4.	Total tonnage of MSW delivered to the JFR RRF by Constituent Municipalities in the week ended on the Friday immediately preceding the Friday on which the notice is being given.		An extract or report from the weighbridge system showing this information is sufficient
5.	Total tonnage of Landfill Waste forecast to be delivered to Tamala Park this week		
6.	Total tonnage of Landfill Waste delivered to Tamala Park since the commencement of the Deed up to the Friday immediately preceding the Friday on which the notice is being given.		

**Budget Summary 2017/18**

Item  
11.4

APPENDIX NO. 7

Item  
11.4



# **Mindarie Regional Council**

## **Budget For the year ending 30 June 2018**

For approval at the Ordinary Council Meeting - 06 July 2017

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# 1. INTRODUCTION



## **MINDARIE REGIONAL COUNCIL**

### **COUNCIL**

**Chairman Cr Russ Fishwick (City of Joondalup)**

#### **COUNCILLORS**

Cr Jim Adamos (City of Perth)

Cr Russell Driver (City of Wanneroo)

Cr Dot Newton (City of Wanneroo)

Cr Mike Norman (City of Joondalup)

Cr Corrine McRae (Town of Cambridge)

Cr Emma Cole (City of Vincent)

Cr Vince Maxwell (Town of Victoria Park)

Cr David Boothman (City of Stirling)

Cr Samantha Jenkinson (City of Stirling)

Cr Stephanie Proud (City of Stirling)

Cr Andrew Guilfoyle (City of Stirling)

### **EXECUTIVE**

#### **Governance**

Chief Executive Officer

Brian Callander

#### **Corporate Services**

Director, Corporate Services

Gunther Hoppe

# CERTIFICATION

**MINDARIE REGIONAL COUNCIL  
BUDGET YEAR ENDING 30 JUNE 2017**

**Local Government Act 1995 (Section 6.2)**

**We hereby certify that the Municipal Fund Budget for the year ending 30 June 2018 was adopted by the Council of the Mindarie Regional Council, at the council meeting held on 06 July 2017 in the Council Chamber of City of Stirling, Western Australia.**

**Brian Callander  
Chief Executive Officer**

**Russ Fishwick  
Chairman**

# **COUNCIL RESOLUTION EXTRACT**

**MINDARIE REGIONAL COUNCIL  
BUDGET YEAR ENDING 30 June 2018**

**MRC COUNCIL RESOLUTION EXTRACT**

**Special Council Meeting on xxxx**

**SUBJECT: BUDGET 2017/2018**

**Motion: (Moved: tba Seconded: tba)**

**RECOMMENDATION**

That Council:

## INTRODUCTION

The Mindarie Regional Council (MRC) was constituted under the Local Government Act 1960 (as amended) which provided that two or more local governments may enter into, and submit for Ministerial approval, an agreement proposing the constitution of a Regional District.

The Constitution Agreement provides for the establishment of a Regional Council and designation of the function or functions to be performed by the Regional Council within the Region.

The designated function accorded the MRC is “the orderly and efficient treatment and/or disposal of waste delivered to a building or place provided, managed or controlled for those purposes by the Regional Council”.

The MRC constitution was formerly approved by the Minister for Local Government and recommended to the Governor in Executive Council on 22 December 1987.

In 1981 the Cities of Perth, Stirling and Wanneroo had jointly acquired Lot 17 Mindarie. An area of 251 hectares within lot 17 and fronting Marmion Avenue became the subject of a lease to the MRC with the “City” owners retaining possession of the balance of lot 17. The area was named “Tamala Park”. This leased area was subsequently revised to 151 hectares under the revised lease effective 1 January 2006.

Development of a well-engineered facility followed and the site was opened to receive waste from the Cities of Perth and Wanneroo on 25 February 1991, with community utilisation commencing on 1 June 1991. Since that time, the Towns of Cambridge, Victoria Park and the City of Vincent (formed from the City of Perth restructure) and the Cities of Stirling, Wanneroo and Joondalup have commenced utilisation of the facility.

Member Local Governments are currently the Cities of Joondalup, Perth, Stirling, Wanneroo and Vincent, and the Towns of Cambridge and Victoria Park.

The whole of lot 118 (formerly Lot 17) Mindarie is 432 Hectares and is currently owned by the Cities of Joondalup (one sixth share), Stirling (one third share), Wanneroo (one sixth share), Perth (one twelfth), and Vincent (one twelfth) and the Towns of Cambridge and Victoria Park (with a one-twelfth share each).

The Constituent Councils include about 36% of the population of the Perth metropolitan area.

The MRC is currently operating a Class 2 Sanitary Landfill Site in accordance with a licence issued by the Department of Environment Regulation. Recycling of various items occurs at the recycling centre where a small handling fee is charged for the goods that the public wishes to purchase.

A variety of Class 1 and Class 2 waste is also accepted from commercial waste operators and the general public.

## **RRE**

The MRC entered into a contract with Biovision 2020 Pty Ltd to build and operate the Resource Recovery Facility (RRF), at the site purchased at Neerabup, under a Public and Private Participation arrangement. The facility is capable of handling 100,000 tonnes per annum, with a realised diversion rate of about 51%, and was officially opened on 27 March 2009 and commenced full operations on 16 July 2009.

## **Operations**

The landfill site at Tamala Park has been developed in two stages, namely Stage 1 and Stage 2. Stage 2 has been further segregated in three phases.

Stage 1 has been completely utilised and has been capped, as has Phase 1 of Stage 2. Phase 2 of Stage 2 has been partially filled and is being used to allow access to Phase 3 of Stage 2, where landfill activity is now taking place.

Landfill gas continues to be recovered from Stage 1 and Stage 2.

## **Business Model**

The MRC continues to operate under a business model whereby landfill operations and the RRF operations are run on a cost neutral basis for the member councils.

Landfill operations in respect of non-members are run on a 'for-profit' basis.

## **2. STATUTORY BUDGET AND NOTES**



**Mindarie Regional Council**  
**STATEMENT OF COMPREHENSIVE INCOME BY NATURE AND TYPE**  
**Budget for the year ending 30 June 2018**

Description	Consolidated Budget 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017	Actual 2015/2016
<b>Revenue form Ordinary Activities</b>					
<b>User Charges</b>					
User Charges - City of Perth	2,366,400	2,366,400	2,244,769	2,244,000	2,018,122
User Charges - City of Wanneroo	12,241,944	12,241,944	12,338,761	12,210,000	10,183,098
User Charges - City of Joondalup	9,607,932	9,607,932	8,966,402	10,807,500	9,675,276
User Charges - City of Stirling	12,896,184	12,896,184	11,050,285	12,830,115	11,209,860
User Charges - Town of Cambridge	1,339,800	1,339,800	1,434,308	1,435,500	1,209,891
User Charges - City of Vincent	2,540,400	2,540,400	2,522,130	2,508,000	2,267,431
User Charges - Town of Victoria Park	2,871,000	2,871,000	2,720,184	2,722,500	1,928,843
User Charges - RRF Residues	8,473,800	8,473,800	8,028,933	8,035,500	6,044,889
<b>Total Member User Charges</b>	<b>52,337,460</b>	<b>52,337,460</b>	<b>49,305,772</b>	<b>52,793,115</b>	<b>44,537,410</b>
User Charges - WMRC	3,219,000	3,219,000	3,052,500	3,052,500	
User Charges - Casual Tipping Fees	3,130,924	3,130,924	2,984,940	2,981,848	2,980,899
<b>Total User Charges</b>	<b>58,687,384</b>	<b>58,687,384</b>	<b>55,343,212</b>	<b>58,827,463</b>	<b>47,518,309</b>
<b>Service Charges</b>					
Sale of Recyclable Materials	740,000	740,000	685,378	785,000	580,598
Gas Power Generation Sales	730,000	730,000	580,000	580,000	1,187,831
Grants & Subsidies	0	0	0	0	169,580
Contributions, Reimbursements & Donations	5,000	5,000	5,906	5,000	18,681
Interest Earnings					
Municipal Account	437,000	437,000	593,000	593,000	571,836
Other Revenue	252,600	252,600	313,606	352,300	856,276
	<b>60,851,984</b>	<b>60,851,984</b>	<b>57,521,102</b>	<b>61,142,763</b>	<b>50,903,111</b>
<b>Expenses from Ordinary Activities</b>					
Employee Costs	5,336,374	5,336,374	5,413,400	5,410,752	4,846,788
<b>Materials and Contracts</b>					
Consultants and Contract Labour	1,143,540	1,143,540	1,379,000	1,034,000	255,299
Communications and Public Consultation	350,000	350,000	377,980	377,980	338,227
Landfill Expenses	1,205,800	1,205,800	1,291,085	1,262,600	980,328
Office Expenses	218,456	218,456	220,682	217,740	180,996
Information System Expenses	165,074	165,074	176,991	178,900	112,444
Building Maintenance	145,300	145,300	207,036	207,800	124,857
Plant and Equipment Operating and Hire	786,700	786,700	1,013,307	995,280	710,149
RRF Total Operations Cost (excl. Amortisation)	26,843,000	26,843,000	26,054,349	25,961,300	20,494,066
RRF Maintenance Funding	250,000	250,000	250,000	250,000	0
WMRC Processing	3,219,000	3,219,000	3,052,500	3,052,500	0
Utilities	329,600	329,600	266,564	185,229	252,597
Depreciation	1,808,604	1,808,604	1,928,675	1,705,220	1,815,444
<b>Borrowing Cost Expenses</b>					
Landfill Tamala	0	0	2,751	300,000	151,665
RRF	63,447	63,447	86,976	82,472	200,191
Insurance	267,027	267,027	297,582	293,676	168,860
DEP Landfill Levy	12,988,000	12,988,000	11,460,738	13,138,200	11,525,542
Land Lease/Rental	709,688	709,688	709,000	709,000	698,144
<b>Other Expenditure</b>					
Member Costs	187,213	187,213	247,213	247,213	164,949
Administration Expenses	180,500	180,500	246,512	192,000	161,113
Amortisation for Cell Development	1,750,600	1,750,600	2,356,511	2,701,400	2,585,274
Amortisation for Decommissioning Asset	776,843	776,843	846,087	846,087	846,100
Capping Accretion Expense	282,449	282,449	274,234	274,234	266,300
Post Closure Accretion Expense	334,089	334,089	156,128	156,128	165,400
RRF Amortisation	491,348	491,348	491,348	491,348	540,200
	<b>59,832,652</b>	<b>59,832,652</b>	<b>58,806,649</b>	<b>60,271,059</b>	<b>47,584,933</b>
Profit on Sale of Assets	18,785	18,785	54,207	26,122	121,785
Loss on Sale of Assets	3,792	3,792	70,725	70,725	78,177
	<b>14,993</b>	<b>14,993</b>	<b>(16,518)</b>	<b>(44,603)</b>	<b>43,608</b>
<b>Changes in Net Assets Resulting from Operations</b>	<b>1,034,325</b>	<b>1,034,325</b>	<b>(1,302,065)</b>	<b>827,101</b>	<b>3,361,786</b>

**Mindarie Regional Council**  
**STATEMENT OF COMPREHENSIVE INCOME BY PROGRAM**  
**Budget for the year ending 30 June 2018**

Description	Consolidated Budget 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017	Actual 2015/2016
<b>Revenue from Ordinary Activities</b>					
General Purpose Funding	60,851,984	60,851,984	57,521,101	61,142,763	50,733,531
Community Amenities	0	0	0	0	169,580
Resource Recovery Facility	0	0	0	0	0
<b>Total Operating Revenues</b>	<b>60,851,984</b>	<b>60,851,984</b>	<b>57,521,101</b>	<b>61,142,763</b>	<b>50,903,111</b>
<b>Expenses from Ordinary Activities</b>					
Governance	4,287,732	4,287,732	4,297,114	4,239,998	3,657,226
Community Amenities	27,665,271	27,665,271	27,384,546	28,787,712	22,347,975
Resource Recovery Facility	27,816,202	27,816,202	27,035,261	26,860,877	21,227,876
<b>Total Operating Expenses</b>	<b>59,769,205</b>	<b>59,769,205</b>	<b>58,716,921</b>	<b>59,888,587</b>	<b>47,233,077</b>
<b>Profit on Sale of Assets</b>					
Governance	0	0	3,356	4,998	106,200
Community Amenities	18,785	18,785	50,851	21,124	15,585
<b>Total Profit on Sale of Assets</b>	<b>18,785</b>	<b>18,785</b>	<b>54,207</b>	<b>26,122</b>	<b>121,785</b>
<b>Loss on Sale of Assets</b>					
Governance	0	0	0	0	0
Community Amenities	3,792	3,792	70,725	70,725	78,177
<b>Total Profit on Sale of Assets</b>	<b>3,792</b>	<b>3,792</b>	<b>70,725</b>	<b>70,725</b>	<b>78,177</b>
<b>Borrowing Costs Expense</b>					
Community Amenities	0	0	2,751	300,000	151,665
Resource Recovery Facility	63,447	63,447	86,976	82,472	200,191
<b>Total Borrowing Cost Expense</b>	<b>63,447</b>	<b>63,447</b>	<b>89,727</b>	<b>382,472</b>	<b>351,856</b>
<b>Changes in Net Assets Resulting from Operations</b>	<b>1,034,325</b>	<b>1,034,325</b>	<b>(1,302,065)</b>	<b>827,101</b>	<b>3,361,786</b>

**MINDARIE REGIONAL COUNCIL**  
**Balance Sheet**

**As at 30 June 2018**

	<b>Budget 2017/2018</b>	<b>ESTIMATED ACTUAL 2016/2017 \$</b>	<b>ACTUAL 2015/2016 \$</b>
<b>CURRENT ASSETS</b>			
Cash and Other Equivalents	24,992,097	18,234,898	24,793,165
Trade and Other Receivables	3,940,642	3,940,642	4,296,973
Inventories	10,296	10,296	12,105
Other Current Assets	435,987	435,987	83,638
<b>TOTAL CURRENT ASSETS</b>	<b>29,379,022</b>	<b>22,621,823</b>	<b>29,185,881</b>
<b>NON-CURRENT ASSETS</b>			
Property Plant and Equipment	15,247,789	14,512,502	14,296,266
Infrastructure	18,823,267	9,284,599	6,182,057
Excavation Work	25,839,243	27,589,843	29,946,353
Resource Recovery Facility	4,167,199	4,553,847	4,682,730
Rehabilitation Asset	5,296,085	6,072,928	6,919,015
Other Non Current Assets	1,044,611	1,149,311	1,364,740
<b>TOTAL NON-CURRENT ASSETS</b>	<b>70,418,194</b>	<b>63,163,030</b>	<b>63,391,161</b>
<b>TOTAL ASSETS</b>	<b>99,797,216</b>	<b>85,784,853</b>	<b>92,577,042</b>
<b>CURRENT LIABILITIES</b>			
Trade and Other Payables	3,694,465	3,694,465	6,276,429
Provisions	1,412,685	1,072,685	822,553
Borrowings	0	0	4,187,049
Other Current Liabilities	0	0	0
<b>TOTAL CURRENT LIABILITIES</b>	<b>5,107,150</b>	<b>4,767,150</b>	<b>11,286,031</b>
<b>NON-CURRENT LIABILITIES</b>			
Provisions	256,191	167,491	83,191
Borrowings	13,059,686	1,196,489	1,196,489
Rehabilitation Provision	15,996,043	15,379,505	14,949,143
Other Non Current Liabilities	39,983	39,983	39,983
<b>TOTAL NON-CURRENT LIABILITIES</b>	<b>29,351,903</b>	<b>16,783,468</b>	<b>16,268,806</b>
<b>TOTAL LIABILITIES</b>	<b>34,459,053</b>	<b>21,550,618</b>	<b>27,554,837</b>
<b>NET ASSETS</b>	<b>65,338,163</b>	<b>64,234,235</b>	<b>65,022,205</b>
<b>EQUITY</b>			
Retained Surplus	18,059,191	17,355,356	18,558,616
Reserves - Cash backed	13,697,633	13,367,143	13,236,507
Reserves - Non Cash backed	29,499,837	29,499,837	29,499,833
Council Contribution	4,081,502	4,011,899	3,727,249
<b>TOTAL EQUITY</b>	<b>65,338,163</b>	<b>64,234,235</b>	<b>65,022,205</b>

**Mindarie Regional Council**  
**STATEMENT OF CASH FLOWS**  
**Budget for the year ending 30 June 2018**

	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Adopted Budget 2016/2017</b>
<b>Cash Flows From Operating Activities</b>			
<b>Receipts</b>			
Fees and Charges	59,427,384	55,935,412	59,612,463
Service Charges	730,000	580,000	580,000
Grants & Subsidies	0	0	0
Contributions, Reimbursements & Donations	5,000	5,906	5,000
Interest Earnings			
Municipal Account	437,000	625,159	593,000
Reserve Account	0	0	0
Goods and Services Tax	0	0	0
Other Revenue	252,600	178,686	352,300
	<b>60,851,984</b>	<b>57,325,163</b>	<b>61,142,763</b>
<b>Payments</b>			
Employee Costs	(4,907,674)	(5,078,968)	(5,010,052)
Materials and Contracts	(34,326,870)	(33,199,232)	(33,511,979)
Utilities	(329,600)	(266,564)	(185,229)
Borrowing Cost Expenses	(63,447)	(74,934)	(382,472)
Insurance	(267,027)	(477,630)	(293,676)
Goods and Services Tax	0	(44,871)	0
Other Expenses	(14,065,401)	(15,793,714)	(14,286,413)
	<b>(53,960,019)</b>	<b>(54,935,913)</b>	<b>(53,669,821)</b>
<b>Net Cash Provided By Operating Activities</b>	<b>6,891,965</b>	<b>2,389,250</b>	<b>7,472,942</b>
<b>Cash Flows from Investing Activities</b>			
Payments for Purchase of Property, Plant & Equipment	3,371,500	(1,568,279)	(2,020,900)
Payments for Construction of Infrastructure	(9,907,548)	(3,575,136)	(14,573,000)
Payments for Landfill Excavation, WIP & RRF	0	0	0
Council Capital Contributions	69,603	284,650	284,650
Proceeds from Sale of Plant and Equipment	468,482	134,338	192,750
<b>Net Cash Used in Investing Activities</b>	<b>(5,997,963)</b>	<b>(4,724,427)</b>	<b>(16,116,500)</b>
<b>Cash Flows from Financing Activities</b>			
Repayments of Self Supporting Loans	(136,803)	(4,223,089)	(4,046,831)
Proceeds from Self Supporting Loans	6,000,000	0	11,000,000
<b>Net Cash Provided By (Used In) Financing Activities</b>	<b>5,863,197</b>	<b>(4,223,089)</b>	<b>6,953,169</b>
<b>Net Increase (Decrease) in Cash Held</b>	<b>6,757,199</b>	<b>(6,558,266)</b>	<b>(1,690,389)</b>
Cash at the Beginning of year	18,234,899	24,793,165	23,908,505
<b>Cash at end of Year</b>	<b>24,992,098</b>	<b>18,234,899</b>	<b>22,218,116</b>

**MINDARIE REGIONAL COUNCIL**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

## **1. SIGNIFICANT ACCOUNTING POLICIES**

### **Financial Reporting Framework**

The budget has been prepared in accordance with applicable Australian Accounting Standards (as they apply to local government and not-for-profit entities), Australian Accounting Interpretations, other authoritative pronouncements of the Australian Accounting Standards Board, the Local Government Act 1995 and accompanying regulations.

Except for cash flow information, the report has also been prepared on the accrual basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and liabilities.

### **Significant Accounting Policies**

Accounting policies are selected and applied in a manner which ensures that the resulting financial information satisfies the concepts of relevance and reliability, thereby ensuring that the substance of the underlying transactions or other events is reported.

The following significant accounting policies have been adopted in the preparation and presentation of the financial report:

(a) **The Local Government Reporting Entity**

All funds through which the Council controls resources to carry on its functions have been included in the financial statements forming part of this budget.

In the process of reporting on the local government as a single unit, all transactions and balances between those funds (for example, loans and transfers between Funds) have been eliminated. The Council did not hold any trust fund monies for the year ended 30 June 2018.

(b) **2016/2017 Actual Balances**

Balances shown in this budget as 2016/2017 Estimated Actual are as forecast at the time of budget preparation and are subject to final adjustments.

(c) **Rounding Off Figures**

All figures shown in this annual financial report, other than a rate in the dollar, are rounded to the nearest dollar.

(d) **Goods and Services Tax**

In accordance with recommended practice, revenues, expenses and assets are recognised net of any goods and services tax (GST) recoverable. Receivables and payables on the statement of financial position, are stated inclusive of GST.

(e) **Superannuation**

In line with Superannuation Guarantee statutory requirements, the MRC makes a mandatory 9.5% contribution of the normal salary of qualifying employees, to the employees' nominated superannuation funds. In addition to this, the MRC matches contributions made by employees to these nominated superannuation funds on a sliding scale up to a limit of 7%.

(f) **Cash and Cash Equivalents**

Cash and equivalents on the statement of financial position are comprised of cash at bank and in hand, and short term deposits with an original maturity of 12 months or less, which are readily convertible to a known amounts of cash and which are subject to significant risk of changes in value. Bank overdrafts are shown as short term borrowings under current liabilities in the Statement of Financial Position.

For the purpose of the Statement of Cash Flows, cash and equivalents consists of cash and equivalents as defined above, net of outstanding bank overdrafts.

(g) **Trade and other receivables**

Trade and other receivables include amounts due from member councils for waste processing and gate fees and are recorded at amounts due, less any allowance for doubtful debts.

Receivables expected to be collected within 12 months of the end of the reporting period are classified as current assets. All other receivables are classified as non-current assets.

Collectability of trade receivables is reviewed on an ongoing basis. Debts that are known to be uncollectible are written off when identified. An allowance for doubtful debts is raised when there is objective evidence that they will not be collectible.

(h) Inventories

Inventories are valued at the lower of cost and net realisable value. Estimated replacement value is used as a proxy for net realisable value.

(i) Acquisition of Assets

Assets acquired are recorded at the cost of acquisition, being the purchase consideration determined as at the date of acquisition, plus any costs incidental to the acquisition. In the event that settlement of all or part of the acquisition price is deferred beyond normal credit terms, the purchase consideration is determined by discounting the amounts payable to their present value at date of acquisition.

(j) Property, plant and equipment, excavation work and infrastructure assets

Property, plant and equipment, excavation work and infrastructure assets are brought to account at cost, or fair value, less any accumulated depreciation, amortisation or impairment losses, where applicable.

Initial Recognition

All assets are initially recognised at cost. Cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at no cost or for nominal consideration, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the Council includes the cost of all materials used in construction, direct labour on the project and an appropriate proportion of variable and fixed overheads.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Council and the cost of the item can be measured reliably. All other repairs and maintenance are recognised as expenses in the statement of comprehensive income in the period in which they are incurred.

Individual assets acquired between initial recognition and the next revaluation of the asset class in accordance with the mandatory measurement framework detailed above, are carried at cost less accumulated depreciation as management believes this approximates fair value. They will be subject to subsequent revaluation at the next anniversary date in accordance with the mandatory measurement framework detailed above.

Application of Fair Value to Local Government Financial Reporting

Regulation 17A of the Local Government (Financial Management) Regulations 1996 mandates the measurement of non-current assets at Fair Value effective from 1 July 2012.

Revaluations are now due as follows:

Financial Year	Asset Group - Resources
30 June 2018	Infrastructure and Other Assets
30 June 2019	Furniture and Fixtures
30 June 2020	Plant and Equipment

Thereafter, in accordance with the regulation, each asset class must be revalued at least every 3 years.

Revalued assets are carried at their fair value, being the price that would be received to sell the asset, in an orderly transaction between market participants at the measurement date, determined using valuation techniques and methodologies deemed best suited to each type of asset.

Revaluation

Increases in the carrying amount arising on revaluation of assets are credited to a revaluation surplus in equity. Decreases that offset previous increases of the same asset are recognised against revaluation surplus directly in equity. All other decreases are recognised in profit or loss.

Transitional Arrangements

During the time it takes to transition the carrying value of non-current assets from the cost approach to the fair value approach, the Council may still be utilising both methods across differing asset classes.

Those assets carried at cost will be carried in accordance with the policy detailed in the Initial Recognition section as detailed above.

Those assets carried at fair value will be carried in accordance with the Revaluation Methodology section as detailed above.

Any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset and the net amount is restated to the revalued amount of the asset.

Those assets carried at a revalued amount, being their fair value at the date of revaluation less any subsequent accumulated depreciation and accumulated impairment losses, are to be revalued with sufficient regularity to ensure the carrying amount does not differ materially from that determined using fair value at reporting date.

In addition, the amendments to the Financial Management Regulations mandating the use of Fair Value impose a further minimum of 3 years revaluation requirement. As a minimum, all assets carried at a revalued amount, will be revalued at least every 3 years.

All classes of Land and Buildings have been independently valued during the 2016/17 financial year. Land and Buildings have been revalued to fair value in line with the valuer's report, with the increase in fair value being reflected in a revaluation surplus account. Any impairments in value have been recognised directly in the statement of comprehensive income in the current year.

The next valuation will be carried out at 30 June 2018. Relevant disclosures, in accordance with the requirements of Australian Accounting Standards, have been made in the financial report as necessary.

Fixed assets are written down to recoverable amount where the carrying value of any fixed asset exceeds its recoverable amount. In determining the recoverable amount of fixed assets, the expected net cash flows are discounted to their present value.

#### Land Under Control

In accordance with Local Government (Financial Management) Regulation 16(a), the Council is required to include as an asset (by 30 June 2013), Crown Land operated by the local government as a sporting or recreational facility of State or regional significance.

The Council does not have any crown land which comes under this regulation.

#### Land Under Roads

In Western Australia, all land under roads is Crown land, the responsibility for managing which, is vested in the local government. Local Government (Financial Management) Regulation 16 (a)(i) prohibits local governments from recognising such land as an asset.

The Council does not have any land which would fall within the ambit of the above regulation.

#### (k) Depreciation

Depreciation is provided on property, plant and equipment, including buildings but excluding freehold land. All non-current assets having a limited useful life are separately and systematically depreciated over their useful lives in a manner which reflects the consumption of the future economic benefits embodied in those assets.

Assets are depreciated on a straight-line basis using rates which are reviewed each financial year to take into account changes in the estimated useful lives of assets. The following estimated useful lives are used in the calculation of depreciation:

Buildings	20 years
Plant and Vehicles	6.75 years
Furniture and Equipment	5 years
Computing Equipment (excluding servers)	3 years
Computing Equipment (servers)	5 years
Roads, Landscaping, Fences, Walls and Security Lighting	20 years

Assets less than \$1,000 are not capitalised.

The asset's residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains and losses are included in the statement of comprehensive income in the period in which they arise.

When revalued assets are disposed of, amounts included in the revaluation surplus relating to that asset are transferred to retained surplus.

(l) Leased Assets

The MRC has no leased assets classified as finance leases. Operating lease payments are recognised as an expense consistent with the pattern in which the economic benefits from the asset are consumed.

(m) Impairment

In accordance with Australian Accounting Standards, the MRC's assets, other than inventories, are assessed at each reporting date to determine whether there is any indication that they may be impaired. Where such an indication exists, an estimate of the recoverable amount of the asset is made in accordance with AASB 136 'Impairment of Assets' and appropriate adjustments made.

An impairment loss is recognised when the carrying amount of an asset or cash-generating unit exceeds its recoverable amount. Impairment losses are recognised immediately in profit or loss, unless the asset is carried at a revalued amount in accordance with another standard whereby an impairment loss of a revalued asset is treated as a revaluation decrease in accordance with that other standard.

(n) Trade and other payables

Trade payables and other accounts payable are recognised when the MRC becomes obliged to make future payments resulting from the purchase of goods and services. The amounts are unsecured, recognised as a current liability and are usually paid within 30 days of recognition.

(o) Employee Benefits

A provision is made for benefits accruing to employees in respect of salaries and wages, annual leave, long service leave and sick leave when it is probable that settlement will be required and they are capable of being measured reliably. Under the MRC workplace agreement, employees are paid for any unused sick on termination, based on a graduated entitlement defined in the agreement.

(i) Short term benefits

The provision for employees' benefits made in respect of salaries and wages, annual leave, sick leave and other employee benefits expected to be settled with 12 months represents the amount for which the MRC has an obligation arising from employee services received up to the year end date. The provision has been calculated at the nominal amounts due, based on the remuneration rates the MRC expects to pay and includes related on-costs.

The MRC's obligations for short-term employee benefits such as wages, salaries and sick leave are recognised as a part of current trade and other payables in the statement of financial position. The MRC's obligations for employees' annual leave and long service leave entitlements are recognised as provisions in the statement of financial position.

(ii) Long term benefits

Employee benefits payable later than one year have been measured at the present value of the expected future payments to be made in respect of the services provided by employees up to the reporting date. Consideration is given to expected future remuneration rates, anticipated employee departures and periods of service. Expected future payments are discounted using an appropriate risk-free discount rate, determined by reference to market yields at the end of the reporting period on government bonds that have maturity dates that approximate the terms of the obligations.

Any re-measurements for changes in assumptions of obligations for other long term employee benefits are recognised in profit or loss in the periods in which the changes occur. The MRC's obligations for long-term employee benefits are presented as non-current provisions in its statement of financial position, except where the MRC does not have the unconditional right to defer settlement beyond 12 months after the end of the reporting period, in which case the liability is recognised as a current liability.

(p) Interest bearing Loans and Borrowings

All loans and borrowings are recognised at the fair value of the consideration received less any directly attributable transaction costs.

After initial recognition, interest bearing loans and borrowings are subsequently measured using their applicable repayment schedules. Fees paid on the establishment of loan facilities are recognised in the income statement. Borrowings are classified as non-current liabilities, with repayments due in the 12 months after year end date recognised as current liabilities.



Borrowing costs are recognised as an expense when incurred, except where they are directly attributable to the acquisition, construction or production of a qualifying asset, where the commencement date for capitalisation is after 1 January 2009. Where this is the case, they are capitalised as part of the cost of the particular asset.

(q) Provisions

Provisions are recognised when the MRC has a present legal or constructive obligation as a result of past events, which is likely to result in a reliably measurable outflow of resources to settle the obligation.

When the obligation is matched by a claim against a third party, the receivable from the third party claim is recognised as an asset to the extent that it is reliably measurable and likely to be realised.

(r) Provisions for restoration, rehabilitation, and site monitoring costs

The MRC complies with the full provision method for accounting provisions in respect of restoration, rehabilitation and site monitoring costs. Charges are made to expenses based on the estimated costs of restoring, rehabilitating and monitoring the Tamala Park landfill site. The rate charge is reviewed annually and is based on an estimated cost per tonne. The cost per tonne is arrived at after taking into account a standard engineering cost per cubic metre of landfill, the density of the waste and the most recent aerial surveys. Engineering rates differ according to the nature of the obligation to provide the service.

(s) Future Capping Expenditure

The liability for estimated future capping expenditure is provided for through a rehabilitation provision on a phase-by-phase basis and is discounted to its present value, with the unwinding of the discount being charged to the statement of comprehensive income within the amortisation charge. The discounted present value of the future capping expenditure is also capitalised as part of the rehabilitation asset and is amortised on a straight-line basis. Changes in estimates are recognised prospectively with corresponding adjustments to the provision and associated costs.

(t) Revenue Recognition

Revenue from waste services is recognised when the waste is received.

Revenue from the disposal of assets is recognised when control of the asset has passed to the buyer.

Revenue from service contracts is recognised by reference to the stage of completion of the contract.

Revenue from the generation of gas services is recognised on an accrual basis. Proceeds from the sale of Renewable Energy Certificates are only recognised when the certificates are sold.

Interest income is recognised on an accrual basis.

Grants, donations and other contributions are recognised as revenues when received. Where conditional contributions are received and recognised in revenue in a period and the conditions attaching to the contributions have not yet been satisfied, they are disclosed in the notes to the financial statements as "Restricted assets".

(u) Comparative figures and rounding

Where required, comparative figures have been adjusted to conform with changes in presentation for the current financial year.

When the Council applies an accounting policy retrospectively, makes a retrospective restatement or reclassifies items in its financial statement, an additional (third) statement of financial position as at the beginning of the preceding period in addition to the minimum comparative financial statements is presented.

(v) Current and non-current classifications

In the determination of whether an asset or liability is current or non-current, consideration is given to the timing of expected settlement of the item. The item is classified as current if there is an expectation that it will be settled within 12 months. Notwithstanding the above, where the MRC does not have the unconditional right to defer settlement of a liability beyond 12 months, the amount is classified as current.

(w) Budget Figures

Unless otherwise stated, the budget figures shown in this financial report relate to the original budget adopted pertaining to the relevant item.

(x) Rates

The MRC does not levy rates. Accordingly rating information as required under the Local Government (Financial Management) Regulations 1996 has not been presented in this financial report.

## (y) Intangible Assets

Easements

Regulation 16 of the Local Government (Financial Management) Regulations 1996 requires easements to be recognised as assets. The MRC does not have any easements.

## (z) Financial Instruments

Initial recognition and measurement

Financial assets and financial liabilities are recognised when the entity becomes a party to the contractual provisions to the instrument. For financial assets, this is equivalent to the date that the Council commits itself to either the purchase or sale of the asset (i.e. trade date accounting is adopted).

Financial instruments are initially measured at fair value plus transactions costs, except where the instrument is classified 'at fair value through profit or loss', in which case transaction costs are expensed to profit or loss immediately.

Classification and subsequent measurement

Financial assets are subsequently measured at either fair value, amortised cost using the effective interest rate method or cost. Fair value represents the amount for which an asset could be exchanged or a liability settled, between knowledgeable, willing parties. Where available, quoted prices in an active market are used to determine fair value. In other circumstances, valuation techniques are adopted.

Financial assets at fair value through profit and loss

Financial assets are classified at 'fair value through profit or loss' when they are either held for trading for the purpose of short term profit taking, derivatives not held for hedging purposes, or when they are designated as such to avoid an accounting mismatch or to enable performance evaluation where a group of financial assets is managed by key management personnel on a fair value basis in accordance with a documented risk management or investment strategy. Such assets are subsequently measured at fair value with changes in carrying value being included in profit or loss.

Loans and Receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market are subsequently measured at amortised cost.

Loans and receivables are included in current assets, except for those which are not expected to mature within 12 months after the end of the reporting period. (All other loans and receivables are classified as non-current assets).

Held-to-maturity investments

Held-to-maturity investments are non-derivative financial assets that have fixed maturities and fixed or determinable payments, and it is the Council's intention to hold these investments to maturity. They are subsequently measured at amortised cost.

Held-to-maturity investments are included in non-current assets, except for those which are expected to mature within 12 months after the end of the reporting period. (All other investments are classified as current assets).

Available for sale of financial assets

Available-for-sale financial assets are non-derivative financial assets that are either not suitable to be classified into other categories of financial assets due to their nature, or they are designated as such by management. They comprise investments in the equity of other entities where there is neither a fixed maturity nor fixed or determinable payments.

Available-for-sale financial assets are included in non-current assets, except for those which are expected to mature within 12 months after the end of the reporting period. (All other financial assets are classified as current assets).

Financial Liabilities

Non-derivative financial liabilities (excluding financial guarantees) are subsequently measured at amortised cost.

Fair Value

Fair value is determined based on current bid prices of all quoted investments. Valuation techniques are applied to determine the fair value of all unlisted securities, including arm's length transactions, reference to similar instruments and option pricing models.

### Impairment

At each reporting date, the Council assesses whether there is objective evidence that a financial instrument has been impaired. In the case of available-for-sale financial instruments, a prolonged decline in the value of the instrument is considered to determine whether an impairment has arisen. Impairment losses are recognised in the statement of comprehensive income.

### Derecognition

Financial assets are derecognised where the contractual rights to receipt of cash flows expires or the asset is transferred to another party whereby the entity no longer has any significant continuing involvement in the risks and benefits associated with the asset. Financial liabilities are derecognised where the related obligations are either discharged, cancelled or expired. The difference between the carrying value of the financial liability extinguished or transferred to another party and the fair value of consideration paid, including the transfer of non-cash assets or liabilities assumed is recognised in profit or loss.

#### (aa) Fair Value of Assets and Liabilities

When performing a revaluation, the Council uses a mix of both independent and management valuations using the following as a guide: Fair Value is the price that Council would receive to sell the asset or would have to pay to transfer a liability, in an orderly (i.e. unforced) transaction between independent, knowledgeable and willing market participants at the measurement date.

As fair value is a market-based measure, the closest equivalent observable market pricing information is used to determine fair value. Adjustments to market values may be made having regard to the characteristics of the specific asset. The fair values of assets that are not traded in an active market are determined using one or more valuation techniques. These valuation techniques maximise, to the extent possible, the use of observable market data.

To the extent possible, market information is extracted from either the principal market for the asset (i.e. the market with the greatest volume and level of activity for the asset or, in the absence of such a market, the most advantageous market available to the entity at the end of the reporting period (i.e. the market that maximises the receipts from the sale of the asset after taking into account transaction costs and transport costs).

For non-financial assets, the fair value measurement also takes into account a market participant's ability to use the asset in its highest and best use or to sell it to another market participant that would use the asset in its highest and best use.

### Fair Value Hierarchy

AASB 13 requires the disclosure of fair value information by level of the fair value hierarchy, which categorises fair value measurement into one of three possible levels based on the lowest level that an input that is significant to the measurement can be categorised into as follows:

#### Level1

Measurements based on quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date.

#### Level2

Measurements based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly.

#### Level3

Measurements based on unobservable inputs for the asset or liability.

The fair values of assets and liabilities that are not traded in an active market are determined using one or more valuation techniques. These valuation techniques maximise, to the extent possible, the use of observable market data. If all significant inputs required to measure fair value are observable, the asset or liability is included in Level 2. If one or more significant inputs are not based on observable market data, the asset or liability is included in Level 3.

### Valuation techniques

The Council selects a valuation technique that is appropriate in the circumstances and for which sufficient data is available to measure fair value. The availability of sufficient and relevant data primarily depends on the specific characteristics of the asset or liability being measured. The valuation techniques selected by the Council are consistent with one or more of the following valuation approaches:

#### Market approach

Valuation techniques that use prices and other relevant information generated by market transactions for identical or similar assets or liabilities.

#### Income approach

Valuation techniques that convert estimated future cash flows or income and expenses into a single discounted present value.

#### Cost approach

Valuation techniques that reflect the current replacement cost of an asset at its current service capacity.

Each valuation technique requires inputs that reflect the assumptions that buyers and sellers would use when pricing the asset or liability, including assumptions about risks. When selecting a valuation technique, the Council gives priority to those techniques that maximise the use of observable inputs and minimise the use of unobservable inputs. Inputs that are developed using market data (such as publicly available information on actual transactions) and reflect the assumptions that buyers and sellers would generally use when pricing the asset or liability and considered observable, whereas inputs for which market data is not available and therefore are developed using the best information available about such assumptions are considered unobservable.

As detailed above, the mandatory measurement framework imposed by the Local Government (Financial Management) Regulations requires, as a minimum, all assets carried at a revalued amount to be revalued at least every 3 years.

**Mindarie Regional Council**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>2 OPERATING REVENUES AND EXPENSES</b>			
<b>Net Result</b>			
The net result includes:			
(i) Charging as Expenses:			
<b>Auditors Remuneration</b>			
Audit	25,000	25,000	25,000
Other Services	0	0	0
	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>
 Operational Audits	 <b>5,000</b>	 <b>25,000</b>	 <b>25,000</b>
<b>Depreciation</b>			
<b><u>By Program</u></b>			
Governance	356,292	492,414	385,800
Community Amenities	1,401,108	1,385,961	1,269,120
Resource Recovery Facility	51,204	50,300	50,300
	<b>1,808,604</b>	<b>1,928,675</b>	<b>1,705,220</b>
 <b><u>By Class</u></b>			
Land and Buildings	291,912	291,100	291,100
Plant and Machinery	903,732	962,962	822,920
Furniture and Equipment	37,560	38,400	38,400
Computing Equipment	206,520	254,420	253,700
Infrastructure	368,880	381,793	299,100
	<b>1,808,604</b>	<b>1,928,675</b>	<b>1,705,220</b>
 <b>Finance Costs</b>			
- Loan Interests	63,447	88,662	382,472
- Loan Expenses	0	1,065	0
<b>Total Borrowing Costs</b>	<b>63,447</b>	<b>89,727</b>	<b>382,472</b>
 (ii) Crediting as Revenues			
<b>Interest Earnings</b>			
Investments			
Municipal Account	437,000	593,000	593,000
Reserve Account	0	0	0
	<b>437,000</b>	<b>593,000</b>	<b>593,000</b>

**Mindarie Regional Council**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>3 ACQUISITION OF ASSETS</b>			
The following assets are budgeted to be acquired during the year			
<b>BY PROGRAM</b>			
<b>Governance</b>			
Plant and Vehicles	48,000	96,004	100,000
Furniture and Equipment	0	0	0
Computing Equipment	0	0	0
	<b>48,000</b>	<b>96,004</b>	<b>100,000</b>
<b>Community Amenities</b>			
Furniture and Equipment	23,500	117,900	117,900
Computing Equipment	156,000	237,590	224,500
Land and Buildings	485,000	523,000	523,000
Infrastructure - Operations	783,000	573,000	573,000
Infrastructure - Landfill	3,124,548	3,000,000	3,000,000
Infrastructure - RRF	0	0	0
Infrastructure - Waste	6,000,000	11,000,000	11,000,000
	<b>10,572,048</b>	<b>15,451,490</b>	<b>15,438,400</b>
<b>Other Property and Services</b>			
Plant and Vehicles	1,916,000	1,003,570	1,055,500
	<b>1,916,000</b>	<b>1,003,570</b>	<b>1,055,500</b>
	<b>12,536,048</b>	<b>16,551,064</b>	<b>16,593,900</b>
<b>BY CLASS</b>			
Plant and Vehicles	1,654,000	835,074	901,000
Machinery and Equipment	310,000	264,500	254,500
Furniture and Equipment	23,500	117,900	117,900
Computing Equipment	156,000	237,590	224,500
Land and Buildings	485,000	523,000	523,000
Infrastructure - Operations	783,000	573,000	573,000
Infrastructure - Landfill	3,124,548	3,000,000	3,000,000
Infrastructure - RRF	0	0	0
Infrastructure - Waste	6,000,000	11,000,000	11,000,000
	<b>12,536,048</b>	<b>16,551,064</b>	<b>16,593,900</b>
<b>Summary</b>			
New Capital Expenditure	5,975,048	3,338,064	3,061,900
Capital Expenditure brought forward from 2016/2017	6,561,000	13,213,000	13,532,000
	<b>12,536,048</b>	<b>16,551,064</b>	<b>16,593,900</b>

A detailed breakdown of acquisition on an individual asset basis can be found in the supplementary information attached to this budget document.

**Mindarie Regional Council**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

	2017/2018 Net Book Value	Proposed Budget 2017/2018 Sale Proceeds	2017/2018 Profit (Loss)
<b>4 DISPOSAL OF ASSETS</b>			
The following assets are budgeted to be disposed during the year			
<b>BY PROGRAM</b>			
<b>Governance</b>			
<b>Other Property and Services</b>			
<b>Community Amenities</b>			
30t Dump Truck (Plant90)	111,446	120,000	8,554
Komatsu WA470 (Plant93)	89,439	92,000	2,561
Komatsu WA470 (Plant94)	89,439	92,000	2,561
Foton Dual Cab (Plant102)	13,045	12,000	(1,045)
Foton Single Cab (Plant103)	10,747	8,000	(2,747)
Sumitomo Excavator (Plant89)	68,820	72,000	3,180
Kubota Lawnmower (Plant77)	0	1,000	1,000
Toyota Forklift (Plant98)	12,362	13,000	638
Caterpillar Skidsteer Loader MTL (Plant99)	34,709	35,000	291
Kia Grand Carnival (Plant106)	23,482	23,482	0
	<b>453,489</b>	<b>468,482</b>	<b>14,993</b>
<b>BY CLASS</b>			
<b>Plant, Vehicles and Machineries</b>			
30t Dump Truck (Plant90)	111,446	120,000	8,554
Komatsu WA470 (Plant93)	89,439	92,000	2,561
Komatsu WA470 (Plant94)	89,439	92,000	2,561
Foton Dual Cab (Plant102)	13,045	12,000	(1,045)
Foton Single Cab (Plant103)	10,747	8,000	(2,747)
Sumitomo Excavator (Plant89)	68,820	72,000	3,180
Kubota Lawnmower (Plant77)	0	1,000	1,000
Toyota Forklift (Plant98)	12,362	13,000	638
Caterpillar Skidsteer Loader MTL (Plant99)	34,709	35,000	291
Kia Grand Carnival (Plant106)	23,482	23,482	0
	<b>453,489</b>	<b>468,482</b>	<b>14,993</b>
<b>Summary</b>			<b>Budget</b>
Profit on Sale of Disposal			18,785
Loss on Sale of Disposal			(3,792)
			<b>14,993</b>

## 5 INFORMATION ON BORROWINGS

## LOAN REPAYMENTS

## Projected Actual - 2016/2017

					Principal Repayments	Principal Outstanding	Interest Repayments			
	Value of Loan Approved	Interest Rates	Principal 30/06/2016	Principal Drawn Down to 30/06/2017	Estimated Actual to 30/06/2017	Estimated Actual to 30/06/2017	Estimated Actual to 30/06/2017	Scheduled repayment date	Projected early repayment date	Note
<b>Community Amenities</b>										
<b>Tamala Park Landfill</b>										
Loan 13 - Development of Cell for Phase 3	5,630,000	6.71%	1,151,157	0	1,151,157	0	2,751			
Loan 14 - Waste Facility	6,000,000		0	0	0	0	0			
Loan 15 - Waste Facility Building	5,000,000		0	0	0	0	0			
<b>Regional Resource Recovery Facility</b>										
Loan 11 - RRF Land Purchase	3,500,000	5.97%	358,477	0	284,650	73,827	12,693	30-May-25	30-May-25	
Loan 10a - RRF Infrastructure	2,000,000	6.16%	1,190,014	0	103,390	1,086,624	69,779	30-Mar-25	30-Mar-25	
Loan 10b - RRF Infrastructure (Variable Interest Rate)	2,600,000	Variable	1,795,000	0	1,795,000	0	644	01-Jul-16		
Loan 10c - RRF Infrastructure	4,000,000	7.97%	888,892	0	888,892	0	2,795	01-Jul-16		
<b>TOTAL</b>	<b>28,730,000</b>		<b>5,383,540</b>	<b>0</b>	<b>4,223,089</b>	<b>1,160,451</b>	<b>88,662</b>			
Facility Fee							<b>1,065</b>			
<b>Total Borrowing Costs</b>							<b>89,727</b>			

Done

## Budget - 2017/2018

					Principal Repayments	Principal Outstanding	Interest Repayments			
	Value of Loan Approved	Interest Rates	Principal 30/06/2017	Principal Drawn Down to 30/06/2018	Budget to 30/06/2018	Budget to 30/06/2018	Budget to 30/06/2018	Scheduled repayment date	Paid in full	
<b>Community Amenities</b>										
<b>Tamala Park Landfill</b>										
Loan 14 - Waste Precinct	6,000,000	6.00%	0	6,000,000	0	6,000,000	0			
<b>Regional Resource Recovery Facility</b>										
Loan 11 - RRF Land Purchase	3,500,000	5.97%	73,827	0	73,827	0	471	30-May-25		
Loan 10a - RRF Infrastructure	2,000,000	6.16%	1,086,624	0	62,976	1,023,648	62,976	30-Mar-25		
<b>TOTAL</b>	<b>11,500,000</b>		<b>1,160,451</b>	<b>6,000,000</b>	<b>136,803</b>	<b>7,023,648</b>	<b>63,447</b>			
Facility Fee							<b>0</b>			
<b>Total Borrowing Costs</b>							<b>63,447</b>			



**Mindarie Regional Council**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

Note	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>6.1 RESERVES (Cash Backed)</b>			
<b>Site Rehabilitation</b>			
Opening Balance	9,572,156	9,140,456	9,140,456
Transfer to Reserve	616,538	431,700	430,362
Transfer from Reserve	0	0	0
	<u>10,188,694</u>	<u>9,572,156</u>	<u>9,570,818</u>
<b>Reserve for Capital Expenditures</b>			
Opening Balance	1,053,911	1,604,975	719,878
Transfer to Reserve	6,000,000	5,000,000	5,000,000
Transfer from Reserve	(6,536,048)	(5,551,064)	(5,593,900)
	<u>517,863</u>	<u>1,053,911</u>	<u>125,978</u>
<b>Reserve for Participants Surplus</b>			
Opening Balance	2,000,000	2,000,000	2,000,000
Transfer to Reserve	0	0	0
Transfer from Reserve	0	0	0
	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>
<b>Reserve for Carbon Abatement</b>			
Opening Balance	491,076	491,076	491,076
Transfer to Reserve	0	0	0
Transfer from Reserve	0	0	0
	<u>491,076</u>	<u>491,076</u>	<u>491,076</u>
<b>Reserve for RRF Maintenance Funding</b>			
Opening Balance	250,000	0	0
Transfer to Reserve	250,000	250,000	0
Transfer from Reserve	0	0	0
	<u>500,000</u>	<u>250,000</u>	<u>0</u>
<b>TOTAL RESERVES</b>	<u>13,697,633</u>	<u>13,367,143</u>	<u>12,187,872</u>

These Reserves are cash backed

In accordance with council resolutions in relation to each reserve account, the purpose for which the funds are set aside are as follows:

**Site Rehabilitation Reserve**

To be used to fund the rehabilitation following the closure of the landfill. In 2012, the Council approved the closure of the reserve and the transfer of the funds back to the municipal fund. In 2013, the Council approved a partial cash backing of the site rehabilitation liabilities, through a transfer of funds to the reserve.

**Reserve for Capital Expenditures**

To be used to fund the on going Capital Expenditure requirements.

**Reserve for Participants Surplus**

To be used to fund a deficit as shown in the year end accounts. In 2013, Council approved the renaming of the Members' revenue equalisation reserve account to the Participants' Surplus Reserve and approved the change in purpose of the reserve.

**Reserve for Carbon Abatement**

To be used to fund Carbon Abatement Projects.

Note	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>6.2 RESERVES (Non Cash Backed)</b>			
<b>Revaluation Reserve</b>			
Opening Balance	29,499,837	29,499,837	29,884,528
Transfer to Reserve	0	0	0
Transfer from Reserve	0	0	0
	<u>29,499,837</u>	<u>29,499,837</u>	<u>29,884,528</u>

**Mindarie Regional Council**  
**NOTES AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

**7.1 Statement of Financial Activity Information and Member Charges**

**Member Charges**

	<b>Proposed Budget 2017/2018</b>			<b>Estimated Actual 2016/2017</b>
	<b>Estimated</b>	<b>Rate / Tonne</b>	<b>Estimated</b>	
		<b>Ex GST</b>		
	<b>2017/2018</b>	<b>2017/2018</b>	<b>Revenue</b>	<b>Revenue</b>
<b>Total Waste Tonnage</b>	<b>Tonnage</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
City of Perth	13,600	174.00	2,366,400	2,244,769
City of Wanneroo	70,356	174.00	12,241,944	12,338,761
City of Joondalup	55,218	174.00	9,607,932	8,966,402
City of Stirling	74,116	174.00	12,896,184	11,050,285
Town of Cambridge	7,700	174.00	1,339,800	1,434,308
City of Vincent	14,600	174.00	2,540,400	2,522,130
Town of Victoria Park	16,500	174.00	2,871,000	2,720,184
RRF Residues	48,700	174.00	8,473,800	8,028,933
<b>Total Member Charges</b>	<b>300,790</b>		<b>52,337,460</b>	<b>49,305,771</b>

**Mindarie Regional Council**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

	Budget 2017/2018 \$	Estimated Actual 2016/2017 \$	Adopted Budget 2016/2017
<b>8.1 FEES AND CHARGES REVENUE</b>			
General Purpose Funding	60,851,984	57,521,102	60,878,963
Projects	0	0	0
Recycling Centre	0	0	0
Resource Recovery Facility	0	0	0
	<u>60,851,984</u>	<u>57,521,102</u>	<u>60,878,963</u>

**9.1 DISCOUNTS, INCENTIVES AND CONCESSIONS**

A discount on casual tipping fees may be granted to charitable or not for profit organisations up to \$500.00 in any one financial year.

The budgeted expenditure for discount on casual tipping fees for 2017/2018 is \$5,000. MRC considers support of these groups as aligning to its strategy of winning back waste.

**10.1 MEMBER COUNCILLORS' REMUNERATION**

The following fees, expenses and allowances are to be paid to council members and/or the chairman.

Meeting Fees (\$10,300 per member, \$15,450 for Chairman)	128,750	128,750	128,750
Chairman's Allowance	19,570	19,570	19,570
Deputy Chairman's Allowance	4,893	4,893	4,893
Travel, Telecommunication & I.T. Allowance	15,000	15,000	15,000
	<u>168,213</u>	<u>168,213</u>	<u>168,213</u>

**11.1 MAJOR LAND TRANSACTION**

a) Current year transactions

Capital Expenditure

Purchase of Waste infrastructure and Land	6,000,000	6,000,000	6,000,000
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The above expenditure is to be classified as a non current asset at 30 June 2018 .

It is not anticipated that any other liabilities with exception of the loan to purchase the land will exist in relation to this land transaction as at 30 June 2018.

c) Expected future Cashflows

**2017**

\$

**Cash Inflows**

Loan Proceeds	6,000,000
	<u>6,000,000</u>

**Cash Outflows**

Purchase	6,000,000
	<u>6,000,000</u>

The arrangement of a loan facility and loan repayments will be organised once Council approves the specific land purchase.

**Mindarie Regional Council**  
**NOTES TO AND FORMING PART OF THE BUDGET**  
**Budget for the year ending 30 June 2018**

<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 2016/2017</b>	<b>Adopted Budget 2016/2017</b>
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## 12 NOTES TO THE STATEMENT OF CASH FLOWS

### a) Reconciliation of Cash

For the purpose of the statement of cash flows, cash includes cash and cash equivalents, net of outstanding bank overdrafts. Cash at the end of the reporting period is reconciled to the related items in the Balance Sheet as follows:

Cash - Unrestricted	11,294,464	4,867,755	11,411,144
Cash - Restricted	13,697,633	13,367,143	12,187,872
	<b>24,992,097</b>	<b>18,234,898</b>	<b>23,599,016</b>

The following restrictions have been imposed by regulations or other externally imposed requirements:

Site Rehabilitation Reserve	10,188,694	9,572,156	9,570,818
Capital Expenditures Reserve	517,863	1,053,911	125,978
Members Revenue Equalisation Reserve	2,000,000	2,000,000	2,000,000
Carbon Abatement Reserve	491,076	491,076	491,076
RRF Maintenance Funding	500,000	250,000	491,076
	<b>13,697,633</b>	<b>13,367,143</b>	<b>12,678,948</b>

### b) Reconciliation of Net Cash Provided By Operating Activities to Net Result

Net Result	1,034,325	(1,302,065)	827,101
Depreciation	1,808,604	1,928,675	1,705,220
Amortisation for Cell Development and Decommissioning Asset	2,527,442	3,202,598	3,547,486
Provision for Capping and Post Closure Management	616,538	430,362	430,362
RRF Amortisation	491,348	491,348	491,348
(Profit) / Loss on Sale of Asset	(14,993)	16,518	44,603
(Increase) / Decrease in Receivables	0	356,331	0
(Increase) / Decrease in Inventories	0	1,809	0
(Increase) / Decrease in Prepayments and Accrued Income	(88,529)	(352,349)	(88,529)
Increase / (Decrease) in Payables	0	(2,584,790)	0
Adjustment for payables relating to investing activities	0	745,113	0
Increase / (Decrease) in Employee Provisions	428,700	334,432	400,700
<b>Net Cash from Operating Activities</b>	<b>6,803,435</b>	<b>3,267,982</b>	<b>7,358,291</b>

### c) Undrawn Borrowing Facilities Credit Stand-by Arrangements

Bank Overdraft Limit	1,000,000	1,000,000	1,000,000
Bank Overdraft at Balance Date	0	0	0
Credit Card Limit	70,000	120,000	70,000
Credit Card at Balance Date	0	0	0
<b>Total Amount of Credit Unused</b>	<b>1,070,000</b>	<b>1,120,000</b>	<b>1,070,000</b>

### Loan Facilities

Loan Facilities - Current	136,803	0	4,046,831
Loan Facilities - Non Current	6,886,845	1,160,451	8,106,529
<b>Loan Facilities in use at Balance Date</b>	<b>7,023,648</b>	<b>1,160,451</b>	<b>12,153,360</b>

Unused Loan Facilities at Balance Date	<b>0</b>	<b>0</b>	<b>0</b>
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### **3. OPERATING BUDGET BY COST CENTRE**

**Mindarie Regional Council**  
SUMMARY OF OPERATING BUDGET SCHEDULE 2017/2018

No.	Name	Consolidated Budget 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Consolidated Budget 2016/2017	Adopted Budget 2016/2017	Variance between Proposed Budget and Estimated Actual	
							\$	%
2010 OPERATING INCOME								
2110	Member Council Charges	52,337,460	52,337,460	49,305,771	52,793,115	52,793,115		
	Total Member User Charges	52,337,460	52,337,460	49,305,771	52,793,115	52,793,115	3,031,689	6.1%
2150	Non Member Charges	3,219,000	3,219,000	3,052,500	3,052,500	3,052,500		
2155	Casual Fees	3,130,924	3,130,924	2,984,940	2,981,848	2,981,848		
	Total User Charges	58,687,384	58,687,384	55,343,211	58,827,463	58,827,463	3,344,173	6.0%
2205	Carbon Price	-	-	-	-	-		
2210	Recyclable Sales	740,000	740,000	685,378	785,000	785,000		
	Sale of Recyclable Materials	740,000	740,000	685,378	785,000	785,000	54,622	8.0%
2310	Contributions	-	-	-	-	-		
2370	Member Councils	-	-	-	-	-		
2380	Legal Fees	-	-	-	-	-		
2390	Other Reimbursements	5,000	5,000	5,906	5,000	5,000		
	Contributions, Reimbursement & Donations	5,000	5,000	5,906	5,000	5,000	(906)	-15.3%
2410	Gas Power Royalties	130,000	130,000	80,000	80,000	80,000		
2420	Sale of RECs (Renewable Energy Certificate)	600,000	600,000	500,000	500,000	500,000		
2430	Gas Power Other	-	-	-	-	-		
	Gas Power Generation Sales	730,000	730,000	580,000	580,000	580,000	150,000	25.9%
2240	Sundry Fees	-	-	-	-	-		
2365	Debt Recovery	-	-	-	-	-		
2525	Rebates Received	67,000	67,000	88,500	88,500	88,500		
2540	Miscellaneous Income	185,600	185,600	225,106	263,800	263,800		
	Other Revenue	252,600	252,600	313,606	352,300	352,300	(61,006)	-19.5%
2710	Grants Recycling Services	-	-	-	-	-		
2711	Zero Waste Plan	-	-	-	-	-		
	Grants and Subsidies	-	-	-	-	-	0	#DIV/0!
2810	Interest - Municipal Fund	437,000	437,000	593,000	593,000	593,000		
2820	Interest - Reserve Fund	-	-	-	-	-		
2830	Interest - Loan Fund	-	-	-	-	-		
	Interest Earnings	437,000	437,000	593,000	593,000	593,000	(156,000)	-26.3%
	Sub-total	60,851,984	60,851,984	57,521,101	61,142,763	61,142,763	3,330,883	#DIV/0!
2910	Profit on Sale of Land	-	-	-	-	-		
2915	Profit on Sale of Building	-	-	-	-	-		
2920	Profit on Sale of Furniture & Equipment	-	-	-	-	-		
2925	Profit on Sale of Computing Equipment	-	-	-	-	-		
2935	Profit on Sale of Plant & Machinery	18,785	18,785	54,207	26,122	26,122		
2940	Profit on Sale of Infrastructure	-	-	-	-	-		
	Profit on Sale of Assets	18,785	18,785	54,207	26,122	26,122	(35,422)	
3999 Total Operating Income		60,870,769	60,870,769	57,575,308	61,168,885	61,168,885	3,295,461	5.7%
4000 OPERATING EXPENDITURE								
4100 Employee Costs								
4120	Salaries	3,836,400	3,836,400	3,865,700	3,865,700	3,865,700		
4130	Allowances	101,234	101,234	112,452	112,452	112,452		
4202	Medical Examinations	-	-	-	-	-		
4205	Staff Training	69,440	69,440	56,332	54,900	54,900		
4207	Staff Conferences	32,500	32,500	43,500	43,500	43,500		
4210	Superannuation	539,200	539,200	564,000	564,000	564,000		
4215	Travelling Expenses	3,700	3,700	6,400	6,200	6,200		
4220	First Aid Expenses	3,000	3,000	3,000	3,000	3,000		
4225	Staff Recruitment (Advertising, Consultants, etc)	13,000	13,000	11,000	11,000	11,000		
4227	Staff Uniforms/Protective Clothing	24,400	24,400	35,000	35,000	35,000		
4230	Wellness Programs	21,600	21,600	19,600	19,600	19,600		
4235	FBT Expenses	53,200	53,200	63,700	63,700	63,700		
4240	OH&S Expenses	10,000	10,000	6,000	6,000	6,000		
4245	EB Performance Package (Consultants)	-	-	-	-	-		
4250	Workers Compensation Premium	131,800	131,800	156,800	156,800	156,800		
4260	HR Strategic Plan Costs	-	-	-	-	-		
4310	Annual Leave	340,000	340,000	316,400	316,400	316,400		
4315	Sick Leave	68,200	68,200	69,216	68,200	68,200		
4320	Long Service Leave	88,700	88,700	84,300	84,300	84,300		
	4399 Total Employee Costs	5,336,374	5,336,374	5,413,400	5,410,752	5,410,752	(77,026)	-1.4%
5100 Consultants and Contract Labour								
5110	Consultancy	888,000	888,000	928,000	608,000	608,000		
5130	Contract Labour External	255,540	255,540	451,000	426,000	426,000		
	5159 Total Consultants and Contract Labour	1,143,540	1,143,540	1,379,000	1,034,000	1,034,000	(235,460)	-17.1%
5160 Communications and Public Consultation								
5165	Advertising & Promotions	19,000	19,000	20,000	20,000	20,000		
5170	Corporate Communications Strategy	56,000	56,000	61,000	61,000	61,000		
5180	Newsletter	-	-	-	-	-		
5185	Waste Management Education	167,000	167,000	179,980	179,980	179,980		
5190	Projects and RRF Support	108,000	108,000	117,000	117,000	117,000		
	5199 Total Communications and Public Consultation	350,000	350,000	377,980	377,980	377,980	(27,980)	-7.4%

**Mindarie Regional Council**  
SUMMARY OF OPERATING BUDGET SCHEDULE 2017/2018

No.	Name	Consolidated Budget 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Consolidated Budget 2016/2017	Adopted Budget 2016/2017	Variance between Proposed Budget and Estimated Actual	
<b>5200</b>	<b>Landfill Expenses</b>							
5215	Clay Liner	-	-	-	-	-		
5220	Recycling Contractors	537,200	537,200	429,000	411,000	411,000		
5225	Limestone Cover	100,000	100,000	150,000	150,000	150,000		
5226	Access Road Maintenance	45,000	45,000	47,000	47,000	47,000		
5227	Bushland Management	51,000	51,000	106,000	106,500	106,500		
5230	Ground Water Management	113,000	113,000	179,156	177,500	177,500		
5235	Research and Planning	66,100	66,100	54,100	52,100	52,100		
5240	Signs & Barricades	45,000	45,000	65,000	65,000	65,000		
5245	Monitoring Program	205,500	205,500	199,940	190,500	190,500		
5247	Zero Waste Plan	-	-	-	-	-		
5290	Control Fencing Maintenance	-	-	17,000	17,000	17,000		
5295	Site Operating	43,000	43,000	43,889	46,000	46,000		
<b>5299</b>	<b>Total Landfill Expenses</b>	<b>1,205,800</b>	<b>1,205,800</b>	<b>1,291,085</b>	<b>1,262,600</b>	<b>1,262,600</b>	(85,285)	-6.6%
<b>5300</b>	<b>Office Expenses</b>							
5310	Staff Amenities	7,700	7,700	7,700	7,700	7,700		
5312	Telecommunication Expenses	29,500	29,500	30,000	30,000	30,000		
5315	Courier Expenses	6,000	6,000	6,000	6,000	6,000		
5320	Office Equipment Maintenance	5,000	5,000	5,500	5,500	5,500		
5325	Meals and Entertainment	28,000	28,000	26,711	26,500	26,500		
5330	Periodicals/ Publications	2,500	2,500	3,600	3,600	3,600		
5335	Postage & Freight	4,000	4,000	4,000	4,000	4,000		
5340	Photocopying Expenses	14,906	14,906	10,900	10,900	10,900		
5350	Stationery and Printing	9,500	9,500	10,500	10,500	10,500		
5353	Sponsorships	-	-	-	-	-		
5355	Subscriptions/Membership	39,850	39,850	39,944	37,240	37,240		
5358	Rounding of Cents	100	100	100	100	100		
5359	Cleaning of Buildings	47,500	47,500	51,000	51,000	51,000		
5365	Expendable Tools	8,500	8,500	7,500	7,500	7,500		
5368	Other Administration Expenses	15,400	15,400	17,227	17,200	17,200		
<b>5369</b>	<b>Total Office Expenses</b>	<b>218,456</b>	<b>218,456</b>	<b>220,682</b>	<b>217,740</b>	<b>217,740</b>	(2,226)	-1.0%
<b>5370</b>	<b>Information Systems Expenses</b>							
5375	Computer Software Licencing	77,300	77,300	70,000	70,000	70,000		
5380	Computer Software Acquisitions	10,000	10,000	20,091	20,000	20,000		
5385	Computer Systems Maintenance	65,200	65,200	78,400	80,400	80,400		
5390	Computer Systems Consumables	5,000	5,000	5,000	5,000	5,000		
5395	On-line Service Charges	7,574	7,574	3,500	3,500	3,500		
<b>5399</b>	<b>Total Information Systems Expenses</b>	<b>165,074</b>	<b>165,074</b>	<b>176,991</b>	<b>178,900</b>	<b>178,900</b>	(11,917)	-6.7%
<b>5400</b>	<b>Buildings Maintenance</b>							
5410	Building Maintenance	94,300	94,300	134,152	133,000	133,000		
5435	Building Maintenance - Pest Control	31,000	31,000	21,900	21,900	21,900		
5440	Building Security	20,000	20,000	50,984	52,900	52,900		
<b>5459</b>	<b>Total Building Maintenance</b>	<b>145,300</b>	<b>145,300</b>	<b>207,036</b>	<b>207,800</b>	<b>207,800</b>	(61,736)	-29.8%
<b>5460</b>	<b>Plant and Vehicles Operating and Hire</b>							
5465	Plant - Fuel and Oil	401,100	401,100	528,100	523,100	523,100		
5470	Plant - MV Licences	8,050	8,050	8,153	6,780	6,780		
5475	Plant - Tyres and Tubes	46,000	46,000	57,300	57,300	57,300		
5480	Plant - Repair and Maintenance	212,550	212,550	266,754	255,100	255,100		
5485	Minor Equipment	23,000	23,000	23,000	23,000	23,000		
5490	Plant Hire Costs	61,000	61,000	110,000	110,000	110,000		
5495	Leachate System Management	35,000	35,000	20,000	20,000	20,000		
<b>5499</b>	<b>Total Plant and Vehicles Operating and Hire</b>	<b>786,700</b>	<b>786,700</b>	<b>1,013,307</b>	<b>995,280</b>	<b>995,280</b>	(226,607)	-22.4%
<b>5500</b>	<b>RRF Operation Expenses</b>							
5510	Fencing and Gate Maintenance	9,000	9,000	10,000	10,000	10,000		
5515	Road Maintenance	5,000	5,000	-	-	-		
5520	Bores and Pipework	9,000	9,000	10,000	10,000	10,000		
5525	Environmental Monitoring	-	-	-	-	-		
5531	Vehicle Was Facility Operations	-	-	-	-	-		
5535	Landscaping and Gardens	6,000	6,000	12,000	12,000	12,000		
5540	MRC Admin Charge	-	-	-	-	-		
5542	Compost Disposal	489,000	489,000	501,349	408,300	408,300		
5545	Tipping Fees (Member Councils)	26,325,000	26,325,000	25,521,000	25,521,000	25,521,000		
5546	RRF Maintenance Funding	250,000	250,000	250,000	250,000	250,000		
<b>5559</b>	<b>Total RRF Operation Expenses</b>	<b>27,093,000</b>	<b>27,093,000</b>	<b>26,304,349</b>	<b>26,211,300</b>	<b>26,211,300</b>	788,651	3.0%
<b>5560</b>	<b>Waste Minimisation Project</b>							
5562	Zero Waste Plan	-	-	-	-	-		
5563	MRC Contributions	-	-	-	-	-		
5564	WMRC Processing	3,219,000	3,219,000	3,052,500	3,052,500	3,052,500		
<b>5569</b>	<b>Total Waste Minimisation Project</b>	<b>3,219,000</b>	<b>3,219,000</b>	<b>3,052,500</b>	<b>3,052,500</b>	<b>3,052,500</b>	166,500	
<b>6000</b>	<b>Utilities</b>							
6010	Electricity	160,500	160,500	92,000	92,000	92,000		
6015	Gas	100	100	400	400	400		
6020	Water	8,000	8,000	12,000	12,000	12,000		
6035	Rates	161,000	161,000	162,164	80,829	80,829		
<b>6099</b>	<b>Total Utilities</b>	<b>329,600</b>	<b>329,600</b>	<b>266,564</b>	<b>185,229</b>	<b>185,229</b>	63,036	23.6%
<b>6100</b>	<b>Insurance</b>							
6110	General Insurance (Levy)	252,056	252,056	284,382	280,476	280,476		
6115	Plant Insurance (Levy)	14,971	14,971	13,200	13,200	13,200		
<b>6199</b>	<b>Total Insurance</b>	<b>267,027</b>	<b>267,027</b>	<b>297,582</b>	<b>293,676</b>	<b>293,676</b>	(30,555)	-10.3%
<b>6200</b>	<b>Loan Expense</b>							
6210	Interest on Loans	63,447	63,447	88,662	382,472	382,472		
6215	Loan Facility Fee	-	-	1,065	-	-		
<b>6299</b>	<b>Total Loan Expense</b>	<b>63,447</b>	<b>63,447</b>	<b>89,727</b>	<b>382,472</b>	<b>382,472</b>	(26,280)	-29.3%

**Mindarie Regional Council**  
SUMMARY OF OPERATING BUDGET SCHEDULE 2017/2018

No.	Name	Consolidated Budget 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Consolidated Budget 2016/2017	Adopted Budget 2016/2017	Variance between Proposed Budget and Estimated Actual	
<b>7100 Elected Members Costs</b>								
7110 Member Allowances (Travel, Telecom, IT)	15,000	15,000	15,000	15,000	15,000			
7120 Member Meeting Fees	128,750	128,750	128,750	128,750	128,750			
7125 Member Conference Expenses	11,000	11,000	11,000	11,000	11,000			
7130 Member LG Allowances (Chairman, Deputy)	24,463	24,463	24,463	24,463	24,463			
7135 Council Meeting Expenses	8,000	8,000	8,000	8,000	8,000			
<b>7199 Total Elected Member Costs</b>	<b>187,213</b>	<b>187,213</b>	<b>247,213</b>	<b>247,213</b>	<b>247,213</b>	(60,000)	-24.3%	
<b>7200 Government Levies</b>								
7210 DEP Landfill levy	12,988,000	12,988,000	11,460,737	13,138,200	13,138,200			
7215 Carbon Price			-					
<b>7250 Total Government Levies</b>	<b>12,988,000</b>	<b>12,988,000</b>	<b>11,460,737</b>	<b>13,138,200</b>	<b>13,138,200</b>	1,527,263	13.3%	
<b>7300 Leases</b>								
7310 Land Rental - Annual	709,688	709,688	709,000	709,000	709,000			
<b>Total Leases</b>	<b>709,688</b>	<b>709,688</b>	<b>709,000</b>	<b>709,000</b>	<b>709,000</b>	688	0.1%	
<b>7500 Other Expenses</b>								
7515 Audit Fees	30,000	30,000	50,000	50,000	50,000			
7520 Bank Charges	70,000	70,000	89,512	35,000	35,000			
7525 Legal Expenses	50,000	50,000	100,000	100,000	100,000			
7605 Doubtful and Bad Debts Expense	500	500	2,000	2,000	2,000			
7610 Donations	-	-	-	-	-			
7630 Contributions to Other Councils	-	-	-	-	-			
7650 Other Expenses	30,000	30,000	5,000	5,000	5,000			
<b>7998 Total Other Expenses</b>	<b>180,500</b>	<b>180,500</b>	<b>246,512</b>	<b>192,000</b>	<b>192,000</b>	(66,012)	-26.8%	
<b>8000 Depreciation</b>								
8020 Depreciation on Buildings	291,912	291,912	291,100	291,100	291,100			
8030 Depreciation on Furniture & Office Equipment	37,560	37,560	38,400	38,400	38,400			
8040 Depreciation on Computing Equipment	206,520	206,520	254,420	253,700	253,700			
8050 Depreciation on Vehicles and Mobile Plant	903,732	903,732	962,962	822,920	822,920			
8060 Depreciation on Infrastructure	368,880	368,880	381,793	299,100	299,100			
<b>8099 Total Depreciation</b>	<b>1,808,604</b>	<b>1,808,604</b>	<b>1,928,675</b>	<b>1,705,220</b>	<b>1,705,220</b>	(120,071)	-6.2%	
<b>8100 Amortisation (Landfill)</b>								
8110 Amortisation of Excavation/Cell Development	1,750,600	1,750,600	2,356,511	2,701,400	2,701,400			
8120 Site Rehabilitation	-	-	-	-	-			
8125 Capping Accretion Expenses	282,449	282,449	274,234	274,234	274,234			
8130 Amort Charge for Decommissioning Asset	776,843	776,843	846,087	846,087	846,087			
<b>8140 Total Amortisation (LandFill)</b>	<b>2,809,892</b>	<b>2,809,892</b>	<b>3,476,832</b>	<b>3,821,721</b>	<b>3,821,721</b>	(666,940)	-19.2%	
<b>8160 Amortisation (RRF)</b>								
8165 Amortisation-Pre Operating Cost	104,700	104,700	104,700	104,700	104,700			
8170 Amortisation Cost	386,648	386,648	386,648	386,648	386,648			
<b>8190 Total Amortisation (RRF)</b>	<b>491,348</b>	<b>491,348</b>	<b>491,348</b>	<b>491,348</b>	<b>491,348</b>	0	0.0%	
<b>8200 Provision (Landfill)</b>								
8230 Post Closure Accretion Expenses	334,089	334,089	156,128	156,128	156,128			
<b>8299 Total Provision (Landfill)</b>	<b>334,089</b>	<b>334,089</b>	<b>156,128</b>	<b>156,128</b>	<b>156,128</b>	177,961	114.0%	
<b>9000 Loss on Asset Sales</b>								
9025 Loss on Sale of Vehicles and Machinery	3,792	3,792	70,725	70,725	70,725			
<b>9090 Total Loss on Asset Sales</b>	<b>3,792</b>	<b>3,792</b>	<b>70,725</b>	<b>70,725</b>	<b>70,725</b>	(66,933)		
<b>9098 Total Operating Expenditure</b>	<b>59,836,444</b>	<b>59,836,444</b>	<b>58,877,373</b>	<b>60,341,784</b>	<b>60,341,784</b>	959,071	1.6%	
<b>Total Net</b>	<b>1,034,325</b>	<b>1,034,325</b>	<b>(1,302,065)</b>	<b>827,101</b>	<b>827,101</b>	2,336,390	-179.4%	



**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**General Purpose Funding**

Description	Rate / Tonne Exc GST	Tonnes	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>						
<i>Member User Charges</i>						
City of Perth	174.00	13,600	2,366,400	2,366,400	2,244,769	2,244,000
City of Waneroo	174.00	70,356	12,241,944	12,241,944	12,338,761	12,210,000
City of Joondalup	174.00	55,218	9,607,932	9,607,932	8,966,402	10,807,500
City of Stirling	174.00	74,116	12,896,184	12,896,184	11,050,285	12,830,115
Town of Cambridge	174.00	7,700	1,339,800	1,339,800	1,434,308	1,435,500
City of Vincent	174.00	14,600	2,540,400	2,540,400	2,522,130	2,508,000
Town of Victoria Park	174.00	16,500	2,871,000	2,871,000	2,720,184	2,722,500
RRF Residues	174.00	48,700	8,473,800	8,473,800	8,028,933	8,035,500
		<b>300,790</b>	<b>52,337,460</b>	<b>52,337,460</b>	<b>49,305,772</b>	<b>52,793,115</b>
<i>Non Member User Charges/Member charged as Trade</i>						
WMRC Processing Residues			3,219,000	3,219,000	3,052,500	3,052,500
City of South Perth			0	0	0	0
Casual Tipping Fees	190.91	16,400	3,130,924	3,130,924	2,984,940	2,981,848
			<b>6,349,924</b>	<b>6,349,924</b>	<b>6,037,440</b>	<b>6,034,348</b>
<b>Other Revenue</b>						
<i>Interest Earnings</i>						
Interest - Municipal Fund						
Bank Account			6,000	6,000	12,000	12,000
Term Deposit Interest			401,000	401,000	551,000	551,000
Cash Maximiser			30,000	30,000	30,000	30,000
<i>Other Fees and Charges</i>						
Recyclable Sales						
One Steel			250,000	250,000	201,847	375,000
Amcor			40,000	40,000	40,000	10,000
Walk-in Customers			450,000	450,000	443,531	400,000
<i>Contributions and Donations</i>						
Contributions			0	0	0	0
<i>Reimbursements</i>						
Other Reimbursements			5,000	5,000	5,906	5,000
<i>Gas Power Generation Income</i>						
Gas Power Royalties			130,000	130,000	80,000	80,000
Sale of RECs (Renewal Energy Certificate)			600,000	600,000	500,000	500,000
<i>Other Income</i>						
Rebate Received						
WALGA Advertisement Rebate			4,000	4,000	4,000	4,000
LGIS Insurance Rebate			8,000	8,000	4,500	4,500
Diesel Fuel Rebate			55,000	55,000	80,000	80,000
Miscellaneous Income						
Vending machine commission			0	0	0	200
Sale of Water to RRF			3,500	3,500	3,500	3,500
RRF Rental Income			84,000	84,000	84,000	84,000
Compost Revenue			100,000	100,000	100,000	100,000
Offset against Loan11			(68,900)	(68,900)	(68,900)	(68,900)
Mattresses Charges			62,000	62,000	98,055	140,000
Other			5,000	5,000	8,451	5,000
			<b>2,164,600</b>	<b>2,164,600</b>	<b>2,177,890</b>	<b>2,315,300</b>
<b>Total Revenue</b>			<b>60,851,984</b>	<b>60,851,984</b>	<b>57,521,102</b>	<b>61,142,763</b>
<b>Net Total</b>			<b>60,851,984</b>	<b>60,851,984</b>	<b>57,521,102</b>	<b>61,142,763</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Members of Council**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>				
<i>Elected Members Costs</i>				
Member Allowances (Travel, Telecom, IT)				
Kilometers Claimed	3,000	3,000	3,000	3,000
Members Allowances (x12 Councillors)	12,000	12,000	12,000	12,000
Member Meeting Fees				
11x Councillors Setting Fees	113,300	113,300	113,300	113,300
1x Chairman Setting Fees	15,450	15,450	15,450	15,450
Member Conference Expenses				
Waste and Recycling Conference	11,000	11,000	11,000	11,000
Enviro Conference	0	0	60,000	60,000
Member LG Allowances (Chairman, Deputy)				
Member Allowance - Chairman	19,570	19,570	19,570	19,570
Member Allowance - Deputy Chairman	4,893	4,893	4,893	4,893
Council Meeting Expenses	8,000	8,000	8,000	8,000
	<b>187,213</b>	<b>187,213</b>	<b>247,213</b>	<b>247,213</b>
<b>Total Expenditure</b>	<b>187,213</b>	<b>187,213</b>	<b>247,213</b>	<b>247,213</b>
<b>Net Total</b>	<b>(187,213)</b>	<b>(187,213)</b>	<b>(247,213)</b>	<b>(247,213)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Governance Management**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>				
<b>Profit on Sale of Assets</b>				
Sale of Ford FG G6E	0	0	849	2,472
<b>Total Revenue</b>	<b>0</b>	<b>0</b>	<b>849</b>	<b>2,472</b>
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	423,800	423,800	425,800	425,800
Allowances	563	563	3,619	3,619
Staff Training				
Staff Training - CEO	4,000	4,000	4,000	4,000
Staff Training - HR	1,500	1,500	1,500	1,500
Staff Training - Exec Asst	1,500	1,500	1,500	1,500
Staff Training - Project Manager	1,500	1,500	0	0
Staff Training - First Aid	0	0	400	400
Staff Training - Manual Handling	0	0	200	200
Staff Training - Warden Training	0	0	500	500
Staff Conferences				
Staff Conference - Miscellaneous	10,000	10,000	17,000	17,000
Staff Conference - Enviro	0	0	0	0
Local Conference - Safety	0	0	0	0
Superannuation	71,600	71,600	66,500	66,500
Travelling Expenses	1,000	1,000	1,000	1,000
First Aid Expenses	0	0	0	0
Staff Recruitment				
Recruitment-Senior Management	8,000	8,000	6,000	6,000
Recruitment-Officers	2,500	2,500	2,500	2,500
Recruitment-Operations	2,500	2,500	2,500	2,500
Corporate Uniforms/Protective Clothing	0	0	0	0
Wellness Programs				
Spectacle Allowance	1,600	1,600	1,600	1,600
Health Assessment - Bi annual	0	0	0	0
Drug and Alcohol Test	8,000	8,000	8,000	8,000
ORS Counselling Service	4,000	4,000	4,000	4,000
Hearing Test	2,000	2,000	0	0
Flu Injection - Annually	1,500	1,500	2,000	2,000
Hep B and Tetanus	1,000	1,000	500	500
Skin Cancer Check	3,500	3,500	3,500	3,500
Fringe Benefits Tax	12,768	12,768	14,000	14,000
OH&S Expenses				
Safety Videos	0	0	0	0
Fire Extenguisher Training	0	0	0	0
OH&S Alert Subscriptions	0	0	0	0
Chemwatch Subscriptions	0	0	0	0
Workers Compensation Premium	14,400	14,400	16,900	16,900
Annual Leave	46,400	46,400	46,400	46,400
Sick Leave	10,000	10,000	10,000	10,000
Long Service Leave	12,100	12,100	12,100	12,100
	<b>645,731</b>	<b>645,731</b>	<b>652,019</b>	<b>652,019</b>
<i>Consultants and Contract Labour</i>				
Consultancy				
HR Support and Performance Review	10,000	10,000	13,000	13,000
Environmental Support/Audit	0	0	0	0
LGIS Organisation Risk Mgt Review	0	0	0	0
CEO System Audit Requirement	0	0	0	0
Strategy Workshop	12,000	12,000	0	0
OHS Consultant Support	0	0	5,000	5,000
Senior Management Coaching	5,000	5,000	10,000	10,000
Waste Audits	320,000	320,000	280,000	280,000
Valuation of Properties	6,000	6,000	15,000	15,000
	<b>353,000</b>	<b>353,000</b>	<b>323,000</b>	<b>323,000</b>
<i>Communication and Public Consultation</i>				
Advertising & Promotions	10,000	10,000	10,000	10,000
	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Governance Management**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<i>Landfill Expenses</i>				
Research and Planning				
MWAC Standard Contribution	66,100	66,100	52,100	52,100
FORC			0	0
Other	0	0	2,000	0
Signs and Barricades	0	0	0	0
Site Operating	0	0	0	0
	<b>66,100</b>	<b>66,100</b>	<b>54,100</b>	<b>52,100</b>
<i>Office Expenses</i>				
Meals and Entertainment				
Awards Recognition	4,000	4,000	3,000	3,000
Business Meetings	5,000	5,000	5,000	5,000
CEO Miscellaneous	6,000	6,000	6,000	6,000
Subscriptions/Memberships				
Australian Landfill Owners Assn	5,500	5,500	5,500	3,500
ISWA/AL&GA Annual Membership	600	600	600	600
IFAP Corporate Membership	0	0	0	0
LGMA Membership	600	600	500	500
Others	300	300	300	300
	<b>22,000</b>	<b>22,000</b>	<b>20,900</b>	<b>18,900</b>
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	4,000	4,000	4,000	4,000
Plant - MV Licences	800	800	741	350
Plant - Tyres and Tubes	1,500	1,500	1,500	1,500
Plant - Repair and Maintenance	1,500	1,500	1,500	1,500
Plant Hire Costs	2,000	2,000	2,000	2,000
	<b>9,800</b>	<b>9,800</b>	<b>9,741</b>	<b>9,350</b>
<i>Insurance</i>				
Municipal Property Insurance	22,111	22,111	14,000	14,000
Public Liability Insurance	16,195	16,195	5,600	5,600
Plant and Machinery Insurance	771	771	400	400
Salary Continuance	2,593	2,593	3,000	3,000
Fidelity Guarantee Insurance	3,378	3,378	2,000	2,000
Statutory & Business Practices Protection	0	0	11,000	11,000
Councillors and Officers Liability Insurance	12,987	12,987	0	0
Personal Injury Insurance	1,292	1,292	1,300	1,300
Pollution Liability Insurance	70,000	70,000	130,000	130,000
Insurance Excess	10,000	10,000	10,000	10,000
	<b>139,327</b>	<b>139,327</b>	<b>177,300</b>	<b>177,300</b>
<i>Administration Expenses</i>				
Legal Expenses	50,000	50,000	100,000	100,000
Other Expenses				
Charitable and Non Profit Org Waiver	5,000	5,000	5,000	5,000
Strategy Setting	0	0	0	0
Employee Satisfaction Survey	25,000	25,000	0	0
	<b>80,000</b>	<b>80,000</b>	<b>105,000</b>	<b>105,000</b>
<i>Depreciation</i>				
Depreciation on Buildings	92,052	92,052	92,100	92,100
Depreciation on Furniture & Office Equipment	1,344	1,344	1,400	1,400
Depreciation on Computing Equipment	2,796	2,796	8,400	8,400
Depreciation on Vehicles and Mobile Plant	7,212	7,212	6,600	6,600
	<b>103,404</b>	<b>103,404</b>	<b>108,500</b>	<b>108,500</b>
Profit on Sale of Asset	0	0	0	0
Loss on Sale of Assets	0	0	0	0
<b>Total Expenditure</b>	<b>1,429,362</b>	<b>1,429,362</b>	<b>1,460,560</b>	<b>1,456,169</b>
<b>Net Total</b>	<b>(1,429,362)</b>	<b>(1,429,362)</b>	<b>(1,459,711)</b>	<b>(1,453,697)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Finance and Business Services**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>				
<b>Profit on Sale of Assets</b>				
Sale of VW Amorok	0	0	2,507	2,526
<b>Total Revenue</b>	<b>0</b>	<b>0</b>	<b>2,507</b>	<b>2,526</b>
<b>Expenditure</b>				
<b>Employee Costs</b>				
Salaries	488,200	488,200	412,100	412,100
Allowances	2,200	2,200	7,250	7,250
Staff Training				
Jet Reporting	0		0	0
Other Financial Training	15,000	15,000	15,000	15,000
Customer Service Training	0		0	0
Staff Conferences	6,000	6,000	6,000	6,000
Superannuation	77,800	77,800	69,000	69,000
Travelling Expenses			0	0
Taxis and Parking	1,000	1,000	500	500
Payroll Reimb/Kilometers Claimed	500	500	2,000	2,000
Fringe Benefits Tax	12,768	12,768	18,000	18,000
Workers Compensation Premium	16,600	16,600	20,500	20,500
Annual Leave	50,900	50,900	41,100	41,100
Sick Leave	12,000	12,000	12,000	12,000
Long Service Leave	14,200	14,200	14,100	14,100
	<b>697,168</b>	<b>697,168</b>	<b>617,550</b>	<b>617,550</b>
<b>Consultants and Contract Labour</b>				
Contract Labour External				
Finance Relief	15,000	15,000	18,000	18,000
IT Contract Labour	160,000	160,000	144,000	144,000
	<b>175,000</b>	<b>175,000</b>	<b>162,000</b>	<b>162,000</b>
<b>Office Expenses</b>				
Office Equipment Maintenance				
Equipment Maintenance	2,500	2,500	2,500	2,500
Rental of EFTPOS Machines	0	0	500	500
Meals and Entertainment	1,000	1,000	1,000	1,000
Subscriptions/Membership				
CPA Australia	1,000	1,000	1,000	1,000
Business News	0	0	0	0
LGMA Membership	1,300	1,300	1,300	1,300
ICAA and SAICA Membership	1,600	1,600	1,600	1,600
Others	500	500	500	500
Rounding of Cents	100	100	100	100
Minor Equipment	8,500	8,500	7,500	7,500
Other Office Expenses				
Cash Collection	5,500	5,500	5,500	5,500
Searches	500	500	2,000	2,500
DPI Vehicle Searches	250	250	500	500
Collection of back up tape	800	800	1,200	1,200
Debt collection commission	50	50	300	300
	<b>23,600</b>	<b>23,600</b>	<b>25,500</b>	<b>26,000</b>
<b>Information System Expenses</b>				
Computer Software Licencing				
Others	11,340	11,340	12,000	12,000
Adobe Licence	660	660	0	0
Microsoft Office Licencing	4,000	4,000	4,000	4,000
Microsoft Dynamics Navision Licence	7,000	7,000	6,800	6,800
VMWare Licence	11,500	11,500	11,500	11,500
Teamviewer Licence	1,500	1,500	0	0
Symantec-Active Virus Scan Licence	1,600	1,600	1,600	1,600
VEEAM Backup	1,800	1,800	1,800	1,800
Fortigate Licence	0	0	2,000	2,000
Firewall support licences	2,000	2,000	0	0
HP Servers Warranty Support-TP and Neerabup	11,200	11,200	5,600	5,600
inControl/inTuition Licence	5,000	5,000	5,000	5,000
Jet Software Licence	2,800	2,800	2,800	2,800
Jet Designer User Licence	2,500	2,500	2,500	2,500
Device Monitoring Licence	14,400	14,400	14,400	14,400
Computer Software Acquisitions				
Jet Reporting Development	0	0	4,000	5,000
Development of Share Point (Intranet)	0	0	10,000	10,000
Other	10,000	10,000	6,091	5,000
Computer Systems Maintenance				
Other Project Costs	2,000	2,000	5,100	5,100
Open Office - Service Contract	20,000	20,000	20,000	20,000
Open Office - Payroll Maintenance	2,100	2,100	2,100	2,100
Open Office - EFT Maintenance	600	600	600	600
Open Office - Upgrade and Maint	0	0	5,300	5,300
Newcastle Weighing Services - Gen Maintenance	13,000	13,000	13,000	13,000
CCTV Servicing and Maintenance	5,000	5,000	0	0
Computer Systems Consumables	5,000	5,000	5,000	5,000
	<b>135,000</b>	<b>135,000</b>	<b>141,191</b>	<b>141,100</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Finance and Business Services**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	4,000	4,000	6,000	6,000
Plant - MV Licences	650	650	637	500
Plant - Tyres and Tubes	500	500	500	500
Plant - Repair and Maintenance	2,000	2,000	3,000	3,000
Plant Hire Costs	1,000	1,000	1,000	1,000
	<b>8,150</b>	<b>8,150</b>	<b>11,137</b>	<b>11,000</b>
<i>Insurance</i>				
Municipal Property Insurance	15,000	15,000	14,076	14,076
Public Liability Insurance	5,650	5,650	3,700	5,600
Plant and Machinery Insurance	400	400	400	400
Salary Continuance	0	0	0	0
Insurance Excess	0	0	0	0
	<b>21,050</b>	<b>21,050</b>	<b>18,176</b>	<b>20,076</b>
<i>Cost of Borrowings</i>				
Interest on Loans				
Loan 12	0	0	0	0
Loan 13	0	0	2,751	0
Loan 14	0	0	0	180,000
Loan 15	0	0	0	120,000
Loan Expenses (Facility Fee)				
Loan 12	0	0	0	0
Loan 13	0	0	0	0
	<b>0</b>	<b>0</b>	<b>2,751</b>	<b>300,000</b>
<i>Administration Expenses</i>				
Audit Fees				
Audit Fees External	30,000	30,000	25,000	25,000
Audit Fees Internal Control	0	0	25,000	25,000
Bank Charges	70,000	70,000	89,512	35,000
Doubtful and Bad Debts Expense	500	500	2,000	2,000
	<b>100,500</b>	<b>100,500</b>	<b>141,512</b>	<b>87,000</b>
<i>Depreciation</i>				
Depreciation on Buildings	0	0	0	0
Depreciation on Furniture & Office Equipment	17,904	17,904	18,100	18,100
Depreciation on Computing Equipment	191,376	191,376	206,000	206,000
Depreciation on Vehicles and Mobile Plant	7,200	7,200	6,500	6,500
Depreciation on Infrastructure	0	0	0	0
	<b>216,480</b>	<b>216,480</b>	<b>230,600</b>	<b>230,600</b>
<i>Loss on Sale of Assets</i>	0	0	0	0
<b>Total Expenditure</b>	<b>1,376,948</b>	<b>1,376,948</b>	<b>1,350,417</b>	<b>1,595,326</b>
<b>Net Total</b>	<b>(1,376,948)</b>	<b>(1,376,948)</b>	<b>(1,347,910)</b>	<b>(1,592,800)</b>

Note : Other Office Expenses relates to the cost of the security company in relation to the collection of cash at the Weighbridge, Searches, Collection of Backup Tapes.

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Administration Services**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	65,400	65,400	63,700	63,700
Allowances	600	600	600	600
Staff Training			1,200	1,200
Local Government Act	500	500	0	0
Records Management	2,500	2,500	0	0
Staff Conferences	0	0	0	0
Superannuation	8,800	8,800	8,500	8,500
<i>Travelling Expenses</i>				
Taxis and Parking	150	150	150	150
Kms used from Private Vehicle	100	100	250	250
Travel to shop for staff amen, postage, etc	0	0	0	0
Fringe Benefits Tax	14,505	14,505	9,500	9,500
Workers Compensation Premium	2,200	2,200	2,500	2,500
Annual Leave	5,300	5,300	5,200	5,200
Sick Leave	1,200	1,200	1,200	1,200
Long Service Leave	1,600	1,600	1,500	1,500
	<b>102,855</b>	<b>102,855</b>	<b>94,300</b>	<b>94,300</b>
<i>Consultants and Contract Labour</i>				
Contract Labour External	3,000	3,000	3,000	3,000
	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>
<i>Communications and Public Consultations</i>				
Advertising & Promotions				
Statutory Advertising	4,500	4,500	5,000	5,000
Tender Advertising	4,500	4,500	5,000	5,000
	<b>9,000</b>	<b>9,000</b>	<b>10,000</b>	<b>10,000</b>
<i>Landfill Expenses</i>				
Monitoring Program				
Radio System Licence	500	500	0	0
	<b>500</b>	<b>500</b>	<b>0</b>	<b>0</b>
<i>Office Expenses</i>				
Staff Amenities				
Coffee/Tea	2,700	2,700	2,700	2,700
Milk/Sugar	2,300	2,300	2,300	2,300
Cleaning Supplies	900	900	900	900
Bottled Water	1,800	1,800	1,800	1,800
<i>Telecommunication Expenses</i>				
Telstra Landline	8,500	8,500	8,500	8,500
Telstra Mobile Phone	12,500	12,500	13,000	13,000
Magcorp-On hold messages	2,500	2,500	2,500	2,500
White pages directory listing	6,000	6,000	6,000	6,000
<i>Courier Expenses</i>				
Agendas and Minutes	6,000	6,000	6,000	4,600
Other courier expenses	0	0	0	1,400
Office Equipment Maintenance	2,500	2,500	2,500	2,500
<i>Meals and Entertainment</i>				
Christmas party	9,500	9,500	9,211	9,000
Other Expenses - Admin	2,500	2,500	2,500	2,500
<i>Periodicals / Publications</i>				
Newspaper	2,000	2,000	2,000	2,000
State law publisher	0	0	1,100	1,100
WA local government directory	500	500	500	500
<i>Postage &amp; Freight</i>	4,000	4,000	4,000	4,000
<i>Photocopying Expenses</i>				
Leases	5,014	5,014	5,100	5,100
Maintenance	6,792	6,792	4,000	4,000
Photocopy paper	3,100	3,100	1,800	1,800
<i>Stationery and Printing</i>				
General stationeries	7,000	7,000	7,000	7,000
Ausrecord stationery supplies	1,500	1,500	2,000	2,000
Scanning maps and archiving	1,000	1,000	1,500	1,500
<i>Subscriptions/Membership</i>				
LGMA membership	3,000	3,000	3,000	3,000
Local government supervisors assn	500	500	500	500
SAI global	2,000	2,000	2,000	2,000
WALGA associate membership	15,500	15,500	15,390	15,390
WMAA	5,000	5,000	5,000	5,000
Records and info mgt prof aust	500	500	500	500
<i>Cleaning of Buildings</i>				
Canon hygiene	6,000	6,000	10,000	10,000
Jasnet cleaning	20,000	20,000	20,000	20,000
Excel window cleaning	10,000	10,000	10,000	10,000
<i>Other Office Expenses</i>				
Indoor plant services	5,500	5,500	5,500	5,500
Confidential bin collection	700	700	700	700
Flowers for staff and councillors	1,500	1,500	1,527	1,000
Records Management (Iron Mountain)	600	600	0	
	<b>159,406</b>	<b>159,406</b>	<b>161,028</b>	<b>160,290</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Administration Services**

<b>Description</b>	<b>Consolidated 2017/2018</b>	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Adopted Budget 2016/2017</b>
<i>Information System Expenses</i>				
Computer Software Acquisition	0	0	0	0
Computer Systems Maintenance				
TRIM support and maintenance	1,000	1,000	2,000	2,500
Kapish 1st level support	6,000	6,000	6,000	7,000
Kapish TRIM explorer annual maint	1,500	1,500	1,500	1,500
Kapish TRIM easy link site licence	0	0	2,200	2,700
Kapish TRIM easy link annual maint	0	0	600	600
On-line Service Charges				
Internet connection, Voip, etc	1,574	1,574	3,500	3,500
Fibre connection with telephone lines	6,000	6,000	0	0
	<b>16,074</b>	<b>16,074</b>	<b>15,800</b>	<b>17,800</b>
<i>Building Maintenance</i>				
Building Maintenance				
Airconditioning servicing	7,000	7,000	7,500	4,500
Airconditioning misc parts and labour	0	0	0	3,000
Thermographic Imaging (Power Boards)	1,500	1,500	0	3,000
Admin building misc repairs	10,000	10,000	7,500	7,500
Old Admin building misc repairs	0	0	5,000	5,000
Caretakers house misc repairs	0	0	5,000	5,000
Building Security				
Wilson security	0	0	9,500	9,500
Castle security-alarm monitoring	20,000	20,000	2,500	2,500
Castle security-alarm maintenance	0	0	4,000	4,000
Patrol callouts	0	0	2,584	4,500
	<b>38,500</b>	<b>38,500</b>	<b>43,584</b>	<b>48,500</b>
<i>Utilities</i>				
Electricity	150,000	150,000	82,000	82,000
Gas	100	100	400	400
Water	8,000	8,000	12,000	12,000
Rates	53,000	53,000	55,000	55,000
	<b>211,100</b>	<b>211,100</b>	<b>149,400</b>	<b>149,400</b>
<i>Insurance</i>				
Municipal Property Insurance	15,000	15,000	14,000	14,000
Public Liability Insurance	5,650	5,650	5,600	5,600
	<b>20,650</b>	<b>20,650</b>	<b>19,600</b>	<b>19,600</b>
<i>Other Expenses</i>				
Land Rental	709,688	709,688	709,000	709,000
	<b>709,688</b>	<b>709,688</b>	<b>709,000</b>	<b>709,000</b>
<i>Depreciation</i>				
Depreciation on Building	3,960	3,960	3,400	3,400
Depreciation on Furniture & Office Equipment	14,652	14,652	14,700	14,700
Depreciation on Computing Equipment	864	864	6,300	6,300
Depreciation on Vehicles and Mobile Plant	0	0	7,600	7,600
Depreciation on Infrastructure	3,960	3,960	3,963	400
	<b>23,436</b>	<b>23,436</b>	<b>35,963</b>	<b>32,400</b>
<b>Total Expenditure</b>	<b>1,294,209</b>	<b>1,294,209</b>	<b>1,241,675</b>	<b>1,244,290</b>
<b>Net Total</b>	<b>(1,294,209)</b>	<b>(1,294,209)</b>	<b>(1,241,675)</b>	<b>(1,244,290)</b>



**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Projects**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>				
<i>Grants - Operating</i>				
Grants Zero Waste	0	0	0	0
<b>Total Revenue</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	0	0	0	0
Superannuation	0	0	0	0
Travelling Expenses	0	0	0	0
Corporate Uniforms/Protective Clothing	0	0	0	0
Workers Compensation Premium	0	0	0	0
Annual Leave	0	0	0	0
Sick Leave	0	0	0	0
Long Service Leave	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Consultants and Contract Labour</i>				
Consultancy (Post Closure)				
Post Closure	100,000	100,000	250,000	250,000
Site Assessment	0	0	60,000	0
EMRC RRF Tender	100,000	100,000	260,000	0
IT systems refresh project	100,000	100,000	0	0
Transfer station redevelopment project	50,000	50,000	0	0
Contract Labour External				
Carbon Trading - Tech Consultant	30,000	30,000	0	0
Infrastructure - Tech Consultant	0	0	100,000	100,000
Waste Audit - Tech Consultant	0	0	0	0
OHS System - Tech Consultant	0	0	30,000	30,000
Establishment Agreement - Tech Consultant	30,000	30,000	50,000	50,000
Woodchipping - Contract Labour	0	0	60,000	60,000
	<b>410,000</b>	<b>410,000</b>	<b>810,000</b>	<b>490,000</b>
<i>WMRC Processing</i>				
WMRC Processing	3,219,000	3,219,000	3,052,500	3,052,500
	<b>3,219,000</b>	<b>3,219,000</b>	<b>3,052,500</b>	<b>3,052,500</b>
<i>Depreciation</i>				
Depreciation on Furniture & Office Equipment	0	0	0	0
Depreciation on Computing Equipment	0	0	720	0
	<b>0</b>	<b>0</b>	<b>720</b>	<b>0</b>
<b>Total Expenditure</b>	<b>3,629,000</b>	<b>3,629,000</b>	<b>3,863,220</b>	<b>3,542,500</b>
<b>Net Total</b>	<b>(3,629,000)</b>	<b>(3,629,000)</b>	<b>(3,863,220)</b>	<b>(3,542,500)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Communication Services**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>				
<b>Profit on Sale of Assets</b>				
Sale of Kia Grand Carnival	0	0	0	0
<b>Total Revenue</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	253,200	253,200	236,600	236,600
Allowances	1,100	1,100	1,700	1,700
Staff Training				
Working with Children checks	300	300	200	200
First Aid Training	2,000	2,000	2,000	2,000
Other Training	3,000	3,000	2,000	2,000
Staff Conferences				
Other Waste Conference	4,000	4,000	3,000	3,000
Waste and Recycling Conference	8,000	8,000	8,000	8,000
Superannuation	41,500	41,500	39,700	39,700
Travelling Expenses				
Payroll Allowance	0	0	1,000	1,000
Travel Expenses	0	0	500	500
Corporate Uniforms/Protective Clothing	2,000	2,000	1,500	1,500
Fringe Benefits Tax	4,788	4,788	4,000	4,000
Workers Compensation Premium	8,300	8,300	9,200	9,200
Annual Leave	20,600	20,600	20,700	20,700
Sick Leave	3,000	3,000	4,016	3,000
Long Service Leave	6,000	6,000	5,200	5,200
	<b>357,788</b>	<b>357,788</b>	<b>339,316</b>	<b>338,300</b>
<i>Consultants and Contract Labour</i>				
Contract Labour External	5,000	5,000	6,000	6,000
	<b>5,000</b>	<b>5,000</b>	<b>6,000</b>	<b>6,000</b>
<i>Communications and Public Consultation</i>				
Corporate Communications Strategy				
Winning back waste DVD	15,000	15,000	15,000	15,000
Internet MRC website update	15,000	15,000	15,000	15,000
MRC e-news	1,000	1,000	0	0
Intranet	0	0	0	0
W & R conference booth	8,000	8,000	7,000	7,000
Social media development	5,000	5,000	3,000	3,000
Annual Report	6,000	6,000	6,000	6,000
Strat Com Plan and other review/updates	1,000	1,000	10,000	10,000
Corporate bulletins/notices	5,000	5,000	5,000	5,000
Waste Management Education				
HHW collection days program and promo	8,000	8,000	8,000	8,000
Continued support for WESSG	1,000	1,000	1,000	1,000
Tours, program inc giveaways and DVD	5,000	5,000	5,000	5,000
Bus sponsorship	15,000	15,000	18,000	18,000
Advertising	10,000	10,000	10,000	10,000
School programs	5,000	5,000	8,000	8,000
Mobile display promotion and support	6,000	6,000	6,000	6,000
Earth carers outreach support	35,000	35,000	35,000	35,000
Education centre display updates	4,000	4,000	5,000	5,000
Battery and fluoro program	1,000	1,000	0	0
Shopping centre green room program	0	0	0	0
Brochures and fact sheets	5,000	5,000	5,000	5,000
Problem products and contaminants education	8,000	8,000	5,000	5,000
Public event recycling support	4,000	4,000	4,000	4,000
Interactive resource for events	5,000	5,000	5,000	5,000
Open day	20,000	20,000	20,000	20,000
Vehicle graphics	0	0	0	0
Tamala Park 25th Anniversary	0	0	0	0
Glass campaign (grants \$24,980 fr 2015/2016)	35,000	35,000	44,980	44,980
Projects and SWMP Support				
RRF visitors centre display updates	5,000	5,000	10,000	5,000
CEAG support	0	0	0	5,000
RRF compost workshops	2,000	2,000	2,000	2,000
RRF VC garden beds signage	1,000	1,000	5,000	5,000
Precinct Education	100,000	100,000	100,000	100,000
	<b>331,000</b>	<b>331,000</b>	<b>357,980</b>	<b>357,980</b>
<i>Landfill Expenses</i>				
Site Operating	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Communication Services**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	3,000	3,000	5,000	5,000
Plant - MV Licences	500	500	500	500
Plant - Tyres and Tubes				
Education trailer	500	500	300	300
Kia Carnival	500	500	300	300
Plant - Repair and Maintenance				
Education trailer	1,000	1,000	1,000	1,000
Kia Carnival	3,000	3,000	3,500	3,500
Plant Hire Costs	8,000	8,000	7,000	7,000
	<b>16,500</b>	<b>16,500</b>	<b>17,600</b>	<b>17,600</b>
<i>Insurance</i>				
Municipal Property Insurance	1,500	1,500	1,000	1,000
Public Liability Insurance	5,650	5,650	5,600	5,600
Plant and Machinery Insurance	500	500	500	500
	<b>7,650</b>	<b>7,650</b>	<b>7,100</b>	<b>7,100</b>
<i>Depreciation</i>				
Depreciation on Buildings	0	0	0	0
Depreciation on Furniture & Office Equipment	0	0	0	0
Depreciation on Computing Equipment	6,108	6,108	6,100	6,100
Depreciation on Vehicles and Mobile Plant	6,864	6,864	8,200	8,200
	<b>12,972</b>	<b>12,972</b>	<b>14,300</b>	<b>14,300</b>
<b>Total Expenditure</b>	<b>730,910</b>	<b>730,910</b>	<b>742,296</b>	<b>741,280</b>
<i>Loss on Sale of Assets</i>				
Loss on Sale of Assets	0	0	0	0
<b>Net Total</b>	<b>(730,910)</b>	<b>(730,910)</b>	<b>(742,296)</b>	<b>(741,280)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Resource Recovery Facility**

Description	Rate / Tonne Exc GST	Tonnes	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>						
<i>Consultants and Contract Labour</i>						
Consultancy			15,000	15,000	15,000	15,000
Contract Labour External			0	0	0	0
			<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>
<i>Office Expenses</i>						
Cleaning of Buildings						
General cleaning			8,000	8,000	7,706	9,000
Window cleaning			3,500	3,500	3,294	2,000
			<b>11,500</b>	<b>11,500</b>	<b>11,000</b>	<b>11,000</b>
<i>Information System Expenses</i>						
Computer Systems Maintenance						
ICT contractors costs			2,000	2,000	2,000	2,000
Newcastle Weighing Services-Gen Maintenance			6,000	6,000	12,000	12,000
Vertical Telecom P/L-Maint of Microwave Ant			6,000	6,000	6,000	6,000
			<b>14,000</b>	<b>14,000</b>	<b>20,000</b>	<b>20,000</b>
<i>Building Maintenance</i>						
Building Maintenance			12,500	12,500	12,500	12,500
Building Security						
Security - Monitoring			0	0	2,000	2,000
Security - Alarm maintenance			0	0	2,000	2,000
Security - call out			0	0	1,000	1,000
			<b>12,500</b>	<b>12,500</b>	<b>17,500</b>	<b>17,500</b>
<i>RRF Operation Expenses</i>						
Fencing and Gate Maintenance						
Fencing and Gate Maintenance			9,000	9,000	7,500	7,500
Repair of Boom Gate			0	0	2,500	2,500
Road Maintenance			5,000	5,000	0	0
Bores and Pipework						
Bore maint/calibration/electronics			4,500	4,500	5,000	5,000
Groundwater sampling			2,500	2,500	2,500	2,500
Bacteria sampling			1,000	1,000	1,000	1,000
Vermin control			500	500	1,000	1,000
Spills/leaks/incident management			500	500	500	500
Landscaping and Gardens						
Landscaping and Gardens			6,000	6,000	12,000	6,000
Education Centre garden display redesign			0	0	0	6,000
Composter educationnal feature			0	0	0	0
Compost Disposal (30% of input tonnages)	\$16.30	30,000	489,000	489,000	501,349	408,300
Contractor's Fee	\$178.51	100,000	17,851,200	17,851,200	17,485,500	17,485,500
Contractor's Residue to Tamala Park	\$174.00	48,700	8,473,800	8,473,800	8,035,500	8,035,500
RRF Maintenance Funding			250,000	250,000	250,000	250,000
			<b>27,093,000</b>	<b>27,093,000</b>	<b>26,304,349</b>	<b>26,211,300</b>
<i>Utilities</i>						
Electricity			10,500	10,500	10,000	10,000
Rates			108,000	108,000	107,164	25,829
			<b>118,500</b>	<b>118,500</b>	<b>117,164</b>	<b>35,829</b>
<i>Insurance</i>						
Municipal Property Insurance			3,500	3,500	3,000	3,000
Public Liability Insurance			5,650	5,650	5,600	5,600
			<b>9,150</b>	<b>9,150</b>	<b>8,600</b>	<b>8,600</b>
<i>Cost of Borrowings</i>						
Interest on Loans						
Loan 10A			62,976	62,976	69,779	69,779
Loan 10B			0	0	644	0
Loan 10C			0	0	2,795	0
Loan 11			471	471	12,693	12,693
Loan Expenses			0	0	1,065	0
			<b>63,447</b>	<b>63,447</b>	<b>86,976</b>	<b>82,472</b>
<i>Depreciation</i>						
Depreciation on Building			23,604	23,604	23,600	23,600
Depreciation on Infrastructure			27,600	27,600	26,700	26,700
			<b>51,204</b>	<b>51,204</b>	<b>50,300</b>	<b>50,300</b>
<b>Sub Total</b>			<b>27,388,301</b>	<b>27,388,301</b>	<b>26,630,889</b>	<b>26,452,001</b>
Amortisation Pre-operating Cost			104,700	104,700	104,700	104,700
Amortisation (RRF)			386,648	386,648	386,648	386,648
<b>Total Expenditure</b>			<b>27,879,649</b>	<b>27,879,649</b>	<b>27,122,237</b>	<b>26,943,349</b>
<b>Net Total</b>			<b>(27,879,649)</b>	<b>(27,879,649)</b>	<b>(27,122,237)</b>	<b>(26,943,349)</b>

# **LANDFILL OPERATION COST CENTRES**

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Recycling Centre**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>				
<b>Profit on Sale of Assets</b>				
Sale of Caterpillar 2.5T Diesel	638	638	21,297	1,124
<b>Total Revenue</b>	<b>638</b>	<b>638</b>	<b>21,297</b>	<b>1,124</b>
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	1,024,500	1,024,500	1,040,200	1,040,200
Allowances	51,331	51,331	50,747	50,747
Staff Training				
Forklift	500	500	0	0
First Aid	600	600	0	0
Loader Training	1,000	1,000	0	0
OHS representative/training/diploma	5,000	5,000	2,500	2,500
Degas licence	440	440	0	0
HHW training	800	800	0	0
Operations Manager	7,200	7,200	0	0
Other Training	10,200	10,200	11,932	10,500
Staff Conferences	0	0	5,000	5,000
Superannuation	124,200	124,200	153,000	153,000
Travelling Expenses	250	250	300	100
First Aid Expenses	3,000	3,000	3,000	3,000
Corporate Uniforms/Protective Clothing	22,400	22,400	33,500	33,500
Fringe Benefits Tax	8,371	8,371	18,200	18,200
OHS Expenses				
Safety videos	5,000	5,000	1,000	1,000
Fire extinguisher training	4,000	4,000	4,000	4,000
OHS alert subscriptions	1,000	1,000	1,000	1,000
Workers Compensation Premium	35,500	35,500	42,000	42,000
Annual Leave	91,600	91,600	93,800	93,800
Sick Leave	15,500	15,500	15,500	15,500
Long Service Leave	22,600	22,600	23,200	23,200
	<b>1,434,992</b>	<b>1,434,992</b>	<b>1,498,879</b>	<b>1,497,247</b>
<i>Consultants and Contract Labour</i>				
Contract Labour External	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Landfill Expenses</i>				
Recycling Contractors				
Tyre recycling	25,000	25,000	30,000	30,000
Waste Oil Recycling	700	700	0	0
Fluoro recycling	2,500	2,500	4,000	4,000
Dry cell batteries	30,000	30,000	25,000	25,000
Mattresses	325,000	325,000	250,000	250,000
Asbestos	80,000	80,000	70,000	70,000
Timber	20,000	20,000	25,000	25,000
Green Waste	50,000	50,000	25,000	7,000
Polystyrene	4,000	4,000	0	0
Signs and Barricades (repairs)	0	0	10,000	10,000
Site Operating				
Toilet maintenance	0	0	0	0
Fire Extinguisher Service	9,000	9,000	9,000	9,000
Consumables	5,000	5,000	5,000	5,000
CCTV camera	500	500	2,889	0
	<b>551,700</b>	<b>551,700</b>	<b>455,889</b>	<b>435,000</b>
<i>Office Expenses</i>				
Subscriptions				
LGSA, GAM, TAM	500	500	600	600
IPAF Corporate Membership	500	500	500	500
OHS Subscriptions	500	500	352	0
Other (PHS)	0	0	352	0
	<b>1,500</b>	<b>1,500</b>	<b>1,804</b>	<b>1,100</b>
<i>Building Maintenance</i>				
Building Maintenance				
Other (inc repair to ice machine)	0	0	1,952	1,000
Airconditioning service - Recycling	1,500	1,500	3,000	3,000
Miscellaneous repair - Recycling	10,000	10,000	15,000	15,000
	<b>11,500</b>	<b>11,500</b>	<b>19,952</b>	<b>19,000</b>
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	4,500	4,500	11,000	11,000
Plant - MV Licences	600	600	600	600
Plant - Tyres and Tubes	1,500	1,500	2,500	2,500
Plant - Repair and Maintenance				
Holden Colorado	1,000	1,000	2,500	2,500
Caterpillar forklift	500	500	2,000	2,000
Toyota forklift	500	500	2,000	2,000
Other	2,000	2,000	1,458	0
	<b>10,600</b>	<b>10,600</b>	<b>22,058</b>	<b>20,600</b>
<i>Insurance</i>				
Municipal Property Insurance	4,700	4,700	3,000	3,000
Public Liability Insurance	5,650	5,650	5,600	5,600
Plant and Machinery Insurance	400	400	400	400
Salary Continuance	0	0	0	0
	<b>10,750</b>	<b>10,750</b>	<b>9,000</b>	<b>9,000</b>
<i>Utilities</i>				
Electricity	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Recycling Centre**

<b>Description</b>	<b>Consolidated 2017/2018</b>	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Adopted Budget 2016/2017</b>
<i>Depreciation</i>				
Depreciation on Buildings	57,900	57,900	57,900	57,900
Depreciation on Furniture & Office Equipment	1,020	1,020	1,100	1,100
Depreciation on Computing Equipment	2,544	2,544	3,500	3,500
Depreciation on Vehicles and Mobile Plant	16,800	16,800	28,680	23,700
Depreciation on Infrastructure	98,040	98,040	98,100	98,100
	<b>176,304</b>	<b>176,304</b>	<b>189,280</b>	<b>184,300</b>
<b>Total Expenditure</b>	<b>2,197,346</b>	<b>2,197,346</b>	<b>2,196,862</b>	<b>2,166,247</b>
<b>Net Total</b>	<b>(2,196,708)</b>	<b>(2,196,708)</b>	<b>(2,175,565)</b>	<b>(2,165,123)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Protection of Environment**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	269,700	269,700	295,000	295,000
Allowances				
First aid allowance	1,689	1,689	1,700	1,700
Industry allowance	7,221	7,221	8,200	8,200
Staff Training	4,000	4,000	5,600	5,600
Staff Conference	4,500	4,500	4,500	4,500
Superannuation	45,900	45,900	48,500	48,500
Travelling Expenses				
Taxis and Parking	100	100	100	100
Kilometers Claimed	600	600	600	600
Corporate Uniforms/Protective Clothing	0	0	0	0
Workers Compensation Premium	9,200	9,200	11,700	11,700
Annual Leave	23,600	23,600	23,100	23,100
Sick Leave	4,500	4,500	4,500	4,500
Long Service Leave	6,000	6,000	5,900	5,900
	<b>377,010</b>	<b>377,010</b>	<b>409,400</b>	<b>409,400</b>
<i>Consultants and Contract Labour</i>				
Consultancy	0	0	20,000	20,000
Enviro Monitoring Prog - Auditor	50,000	50,000		
Enviro Monitoring Prog - Risk Assess	120,000	120,000		
	<b>170,000</b>	<b>170,000</b>	<b>20,000</b>	<b>20,000</b>
<i>Landfill Expenses</i>				
Bushland Management				
Weed control	0	0	1,000	1,000
Dieback inspection and treatment	0	0	7,500	7,500
Tree guards, fertiliser and chemicals	5,000	5,000	5,000	5,000
Rehabilitation	40,000	40,000	40,000	40,000
Syearly bushland survey	0	0	10,000	10,000
Fauna management	2,500	2,500	2,500	2,500
Community activities	500	500	500	1,000
Tree lopping	0	0	0	0
Gardening miscellaneous tolls	1,000	1,000	3,000	3,000
Fire management plan	0	0	35,000	35,000
Administration Retic and Maintenance	2,000	2,000	1,500	1,500
Ground Water Management				
Ground water auditor	0	0	30,000	30,000
Ground water management plan (consultant)	0	0	10,000	10,000
Ground water monitoring	100,000	100,000	100,000	100,000
Vitever/Ecomax maintenance	2,000	2,000	16,656	15,000
PST deluge	3,000	3,000	2,500	2,500
Ground water remediation	0	0	0	0
Washdown bay water treatment	3,000	3,000	3,000	3,000
Monitoring borehole maintenance	0	0	7,000	7,000
Rainfall Sampling	5,000	5,000	0	0
Compressor Relocation	0	0	10,000	10,000
Signs and Barricades				
Signs and Barricades	0	0	45,000	45,000
Sign repair and maintenance/Line marking	0	0	10,000	10,000
Monitoring Program				
Freehills EMS legal review manual	6,000	6,000	10,000	10,000
DEC landfill licence fee	30,000	30,000	27,500	27,500
Weather station monitoring	3,000	3,000	3,000	3,000
Dust monitoring program	8,000	8,000	8,000	8,000
Annual aerial survey	0	0	0	0
URS audit licence compliance	0	0	0	0
Gas monitoring	6,000	6,000	2,000	2,000
Radio system licence	0	0	0	0
Water extraction licence	0	0	0	0
NCSI surveillance audit	7,000	7,000	7,000	7,000
Viveter/Ecomax/Borhole analysis	0	0	3,000	3,000
Radiation equipment calibration	2,500	2,500	2,500	2,500
Ground compaction survey	0	0	9,440	0
Dangerous goods licence	500	500	1,000	1,000
Tarpomatic biological testing	0	0	0	0
GIS system and trthing	5,000	5,000	5,000	5,000
Consultant to develop gas mgt plan	0	0	0	0
Degassing equipment calibration	3,500	3,500	3,500	3,500
Biodiesel sundries and maintenance	0	0	3,000	3,000
Conceptual Site Model Maintenance	50,000	50,000	50,000	50,000
Odour Management (Trial)	50,000	50,000	50,000	50,000
Leachate quarterly service	10,000	10,000	6,000	6,000
Leachate drizzle mat sundries	6,000	6,000	2,000	2,000
Leachate Treatment (sea container, 50k liters/d	0	0	0	0
Control Fencing Maintenance				
Boundary fencing and maintenance	0	0	10,000	10,000
Main gate maintenance	0	0	0	0
Boomgate maintenance	0	0	0	0
Litter fencing	0	0	7,000	7,000
	<b>351,500</b>	<b>351,500</b>	<b>550,096</b>	<b>539,500</b>



**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Protection of Environment**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<i>Building Maintenance</i>				
Building Maintenance				
Sea container, HHW shed, Garden shed	1,800	1,800	1,800	1,800
Degassing shed	500	500	500	500
Biodiesel shed maintenance	0	0	1,000	1,000
Old Admini maintenance	5,000	5,000	5,000	5,000
Building Maintenance - Pest Control				
Animal pest control	2,000	2,000	2,000	2,000
Pest treatment and management program	7,500	7,500	7,500	7,500
Feral bird management	1,500	1,500	10,000	10,000
Insect management	10,000	10,000	2,400	2,400
Termites Management	10,000	10,000	0	0
	<b>38,300</b>	<b>38,300</b>	<b>30,200</b>	<b>30,200</b>
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	3,100	3,100	3,300	3,300
MV Licence	1,000	1,000	1,000	630
Plant - Tyres and Tubes	1,000	1,000	1,700	1,700
Plant - Repair and Maintenance				
Litter critter	0	0	400	400
Weed sprayer	300	300	300	300
Kubota ride-on mower	0	0	300	300
Ford Ranger	1,000	1,000	1,000	1,000
Other	0	0	100	100
	<b>6,400</b>	<b>6,400</b>	<b>8,100</b>	<b>7,730</b>
<i>Insurance</i>				
Municipal Property Insurance	1,000	1,000	500	500
Public Liability Insurance	5,650	5,650	5,600	5,600
Plant and Machinery Insurance	500	500	500	500
	<b>7,150</b>	<b>7,150</b>	<b>6,600</b>	<b>6,600</b>
<i>Depreciation</i>				
Depreciation on Buildings	1,380	1,380	1,200	1,200
Depreciation on Furniture & Office Equipment	0	0	300	300
Depreciation on Computing Equipment	1,152	1,152	700	700
Depreciation on Vehicles and Mobile Plant	19,500	19,500	16,320	16,320
Depreciation on Infrastructure	19,080	19,080	29,000	29,000
	<b>41,112</b>	<b>41,112</b>	<b>47,520</b>	<b>47,520</b>
<i>Loss on Sale of Assets</i>	1,045	1,045	0	5,000
<b>Total Expenditure</b>	<b>992,517</b>	<b>992,517</b>	<b>1,071,916</b>	<b>1,065,950</b>
<b>Net Total</b>	<b>(991,517)</b>	<b>(991,517)</b>	<b>(1,062,362)</b>	<b>(1,065,950)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Workshop**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	145,600	145,600	177,800	177,800
Allowances	5,000	5,000	5,500	5,500
Superannuation	27,900	27,900	27,300	27,300
Corporate Uniforms/Protective Clothing	0	0	0	0
Workers Compensation Premium	5,200	5,200	7,200	7,200
Annual Leave	13,800	13,800	13,500	13,500
Sick Leave	6,000	6,000	6,000	6,000
Long Service Leave	4,100	4,100	4,000	4,000
	<b>207,600</b>	<b>207,600</b>	<b>241,300</b>	<b>241,300</b>
<i>Consultants and Contract Labour</i>				
Contract Labour External				
Mechanic Relief	12,540	12,540	40,000	15,000
Welder Relief	0	0	0	0
	<b>12,540</b>	<b>12,540</b>	<b>40,000</b>	<b>15,000</b>
<i>Building Maintenance</i>				
Building Maintenance				
Driver's toilet, standpipe and washdown bay	1,000	1,000	5,000	5,000
Workshop building	5,000	5,000	5,000	5,000
Workshop carport	500	500	200	200
Generator	7,500	7,500	7,500	7,500
Building Security				
Alarm monitoring	0	0	20,000	20,000
Alarm maintenance	0	0	5,000	5,000
Patrol call outs	0	0	2,400	2,400
	<b>14,000</b>	<b>14,000</b>	<b>45,100</b>	<b>45,100</b>
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	8,000	8,000	12,000	7,000
Plant - MV Licences	500	500	1,000	700
Plant - Tyres and Tubes	1,000	1,000	2,000	2,000
Plant - Repair and Maintenance	1,250	1,250	7,000	7,000
Workshop Materials				
Workshop consumables	15,000	15,000	15,000	15,000
Cylinder hire	3,000	3,000	3,000	3,000
Welding consumables	5,000	5,000	5,000	5,000
	<b>33,750</b>	<b>33,750</b>	<b>45,000</b>	<b>39,700</b>
<i>Insurance</i>				
Municipal Property Insurance	2,300	2,300	2,000	2,000
Public Liability Insurance	5,650	5,650	5,600	5,600
Plant and Machinery Insurance	500	500	500	500
	<b>8,450</b>	<b>8,450</b>	<b>8,100</b>	<b>8,100</b>
<i>Depreciation</i>				
Depreciation on Buildings	51,156	51,156	51,200	51,200
Depreciation on Furniture & Office Equipment	1,980	1,980	2,000	2,000
Depreciation on Computing Equipment	420	420	1,200	1,200
Depreciation on Vehicles and Mobile Plant	5,256	5,256	49,707	19,500
Depreciation on Infrastructure	12,264	12,264	17,900	17,900
	<b>71,076</b>	<b>71,076</b>	<b>122,007</b>	<b>91,800</b>
<i>Loss on Sale of Assets</i>	2,747	2,747	0	0
<b>Total Expenditure</b>	<b>350,163</b>	<b>350,163</b>	<b>501,507</b>	<b>441,000</b>
<b>Net Total</b>	<b>(350,163)</b>	<b>(350,163)</b>	<b>(501,507)</b>	<b>(441,000)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Tipface**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Revenue</b>				
<b>Profit on Sale of Assets</b>				
Sale of Plant and Machinery	16,856	16,856	5,000	5,000
<b>Total Revenue</b>	<b>16,856</b>	<b>16,856</b>	<b>5,000</b>	<b>5,000</b>
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	623,000	623,000	632,000	632,000
Allowances	12,600	12,600	16,200	16,200
Staff Training				
Other Training	1,800	1,800	4,800	4,800
First aid	600	600	0	0
OHS representative	2,500	2,500	0	0
Forklift	0	0	0	0
Heavy duty plant	0	0	0	0
Superannuation	66,400	66,400	65,100	65,100
Travelling Expenses	0	0	0	0
Corporate Uniforms/Protective Clothing	0	0	0	0
Workers Compensation Premium	20,300	20,300	24,100	24,100
Annual Leave	35,300	35,300	33,900	33,900
Sick Leave	6,600	6,600	6,600	6,600
Long Service Leave	8,900	8,900	8,500	8,500
	<b>778,000</b>	<b>778,000</b>	<b>791,200</b>	<b>791,200</b>
<i>Landfill Expenses</i>				
Limestone Cover	100,000	100,000	150,000	150,000
Monitoring Program	0	0	0	0
Ground Compaction Survey	10,000	10,000	0	0
Site Operating				
Dust suppression	12,000	12,000	15,000	15,000
Fire retardant/kill fire	5,000	5,000	0	5,000
Consumables	5,000	5,000	5,000	5,000
	<b>132,000</b>	<b>132,000</b>	<b>170,000</b>	<b>175,000</b>
<i>Office Expenses</i>				
Subscriptions/Memberships	450	450	450	450
	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	354,000	354,000	439,300	439,300
Plant - MV Licences	1,000	1,000	675	500
Plant - Tyres and Tubes				
Caterpillar 12G grader	500	500	2,000	2,000
Nissan Patrol Cab chassis	1,000	1,000	1,000	1,000
Water truck	2,000	2,000	2,000	2,000
Isuzu Fire Truck	4,000	4,000	0	0
Komatsu dump truck	5,000	5,000	8,000	8,000
Komatsu loader	5,000	5,000	8,000	8,000
Komatsu loader	5,000	5,000	8,000	8,000
Plant - Repair and Maintenance				
Unforeseen repairs	50,000	50,000	90,000	90,000
Caterpillar 12G grader	5,000	5,000	5,000	5,000
Generator	2,500	2,500	0	0
Isuzu Fire Truck	15,000	15,000	0	0
Signage trailer	0	0	500	500
Lighting Tower	2,500	2,500	0	0
Nissan Patrol Cab chassis	1,000	1,000	3,000	3,000
Water truck	5,000	5,000	5,000	5,000
Tana compactor	0	0	20,000	20,000
Tarpomatic	0	0	2,000	2,000
Lighting Tower (mobile)	0	0	5,000	5,000
Sunitomo excavator	10,000	10,000	5,000	5,000
Komatsu dump truck	10,000	10,000	10,000	10,000
Komatsu loader	15,000	15,000	15,000	15,000
Komatsu loader	15,000	15,000	15,000	15,000
Bomag compactor	20,000	20,000	20,000	20,000
TANA E520	20,000	20,000	374	0
Plant Hire Costs	50,000	50,000	100,000	100,000
Leachate System Management				
Leachate and compressor	20,000	20,000	20,000	20,000
Hire of pumps (rainfall management)	15,000	15,000		
	<b>633,500</b>	<b>633,500</b>	<b>784,849</b>	<b>784,300</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Tipface**

<b>Description</b>	<b>Consolidated 2017/2018</b>	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Adopted Budget 2016/2017</b>
<i>Insurance</i>				
Municipal Property Insurance	7,900	7,900	6,100	6,100
Public Liability Insurance	5,650	5,650	5,600	5,600
Plant and Machinery Insurance	8,200	8,200	6,900	6,900
Salary continuance	0	0	0	0
	<b>21,750</b>	<b>21,750</b>	<b>18,600</b>	<b>18,600</b>
<i>Government Levies</i>				
DEP Landfill levy	12,988,000	12,988,000	11,460,737	13,138,200
	<b>12,988,000</b>	<b>12,988,000</b>	<b>11,460,737</b>	<b>13,138,200</b>
<i>Depreciation</i>				
Depreciation on Vehicles and Mobile Plant	703,464	703,464	670,473	584,300
Depreciation on Infrastructure	197,184	197,184	195,330	116,200
	<b>900,648</b>	<b>900,648</b>	<b>865,803</b>	<b>700,500</b>
<i>Amortisation (Landfill)</i>				
Amortisation for Cell Development	1,750,600	1,750,600	2,356,511	2,701,400
Amortisation Charge for Decommissioning Asset				
Post Closure Asset Depreciation	311,597	311,597	311,597	311,597
Stage2 Phase3 Depreciation	311,494	311,494	380,711	380,711
Stage2 Phase2 East Depreciation	71,819	71,819	71,808	71,808
Stage2 Phase2 West Depreciation	81,933	81,933	81,971	81,971
	<b>2,527,443</b>	<b>2,527,443</b>	<b>3,202,598</b>	<b>3,547,487</b>
<i>Provision (Landfill)</i>				
Capping Accretion Expense	282,449	282,449	274,234	274,234
Post Closure Accretion Expense	334,089	334,089	156,128	156,128
	<b>616,538</b>	<b>616,538</b>	<b>430,362</b>	<b>430,362</b>
<i>Loss on Sale of Assets</i>	0	0	0	0
<b>Total Expenditure</b>	<b>18,598,329</b>	<b>18,598,329</b>	<b>17,724,599</b>	<b>19,586,099</b>
<b>Net Total</b>	<b>(18,581,473)</b>	<b>(18,581,473)</b>	<b>(17,719,599)</b>	<b>(19,581,099)</b>

<b>DEP Levy</b>	
Total tonnage to landfill	217,190
Rate per tonne less 8% discount	\$ 59.80
	<b>\$ 12,988,000</b>

<b>Amortisation for Cell Development</b>	
Total tonnage to landfill	217,190
Rate per tonne	\$ 8.06
	<b>\$ 1,750,551</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Weighbridge**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>				
<i>Employee Costs</i>				
Salaries	140,600	140,600	169,200	169,200
Allowances	3,780	3,780	4,728	4,728
Superannuation	21,600	21,600	24,200	24,200
Corporate Uniforms/Protective Clothing	0	0	0	0
Workers Compensation Premium	4,600	4,600	6,400	6,400
Annual Leave	8,000	8,000	7,800	7,800
Sick Leave	1,400	1,400	1,400	1,400
Long Service Leave	2,000	2,000	2,000	2,000
	<b>181,980</b>	<b>181,980</b>	<b>215,728</b>	<b>215,728</b>
<i>Landfill Expenses</i>				
Access Road Maintenance				
Enviro Sweep	20,000	20,000	22,000	22,000
Repairs to Main Access Road	20,000	20,000	25,000	25,000
Line Marking	5,000	5,000		
Signs and Barricades	45,000	45,000	0	0
Monitoring Program				
Weighbridge Calibration	5,000	5,000	7,000	7,000
CCTV Maintenance	2,500	2,500	0	0
Site Operating (Gate Keys)	4,000	4,000	2,000	2,000
	<b>101,500</b>	<b>101,500</b>	<b>56,000</b>	<b>56,000</b>
<i>Building Maintenance</i>				
Building Maintenance				
Miscellaneous repairs	0	0	0	0
Weighbridge system repairs	5,000	5,000	5,000	5,000
Weighbridge	5,000	5,000	5,000	5,000
Height restrictors	1,000	1,000	1,000	1,000
Front gate	2,500	2,500	2,000	2,000
Boomgate and surveillance	1,000	1,000	5,000	5,000
Roads and Paving all site	10,000	10,000	20,000	20,000
	<b>24,500</b>	<b>24,500</b>	<b>38,000</b>	<b>38,000</b>
<i>Insurance</i>				
Municipal Property Insurance	2,800	2,800	2,500	2,500
Public Liability Insurance	5,650	5,650	5,600	5,600
Salary continuance	0	0	0	0
	<b>8,450</b>	<b>8,450</b>	<b>8,100</b>	<b>8,100</b>
<i>Depreciation</i>				
Depreciation on Buildings	8,676	8,676	8,700	8,700
Depreciation on Furniture & Office Equipment	132	132	200	200
Depreciation on Computing Equipment	732	732	21,500	21,500
Depreciation on Vehicles and Mobile Plant	0	0	720	2,800
Depreciation on Infrastructure	4,368	4,368	4,400	4,400
	<b>13,908</b>	<b>13,908</b>	<b>35,520</b>	<b>37,600</b>
<b>Total Expenditure</b>	<b>330,338</b>	<b>330,338</b>	<b>353,348</b>	<b>355,428</b>
<b>Net Total</b>	<b>(330,338)</b>	<b>(330,338)</b>	<b>(353,348)</b>	<b>(355,428)</b>

**Mindarie Regional Council**  
**OPERATING BUDGET SCHEDULE 2017/2018**  
**Transfer Station**

Description	Consolidated 2017/2018	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Adopted Budget 2016/2017
<b>Expenditure</b>				
<b>Revenue</b>				
<b>Profit on Sale of Assets</b>				
Sale of Hino Water Truck	291	291	15,000	15,000
<b>Total Revenue</b>	<b>291</b>	<b>291</b>	<b>15,000</b>	<b>15,000</b>
<i>Employee Costs</i>				
Salaries	402,400	402,400	413,300	413,300
Allowances	15,150	15,150	12,208	12,208
Staff Training	3,000	3,000	3,000	3,000
Superannuation	53,500	53,500	62,200	62,200
Corporate Uniforms/Protective Clothing	0	0	0	0
Workers Compensation Premium	15,500	15,500	16,300	16,300
Annual Leave	44,500	44,500	30,900	30,900
Sick Leave	8,000	8,000	8,000	8,000
Long Service Leave	11,200	11,200	7,800	7,800
	<b>553,250</b>	<b>553,250</b>	<b>553,708</b>	<b>553,708</b>
<i>Landfill Expenses</i>				
Site Operating				
Consumables	2,500	2,500	5,000	5,000
	<b>2,500</b>	<b>2,500</b>	<b>5,000</b>	<b>5,000</b>
<i>Building Maintenance</i>				
Building Maintenance				
Fire extinguisher service	1,500	1,500	0	0
Building and miscellaneous repairs	2,500	2,500	700	500
CCTV camera maintenance	500	500	10,000	10,000
Sprinkler system maintenance	1,000	1,000	2,000	2,000
Miscellaneous repairs	500	500	0	0
Building Maintenance - Pest Control	0	0	0	0
	<b>6,000</b>	<b>6,000</b>	<b>12,700</b>	<b>12,500</b>
<i>Plant and Vehicles Operating and Hire</i>				
Plant - Fuel and Oil	20,500	20,500	47,500	47,500
Plant - MV Licences	3,000	3,000	3,000	3,000
Plant - Tyres and Tubes				
Unforeseen tyres and tubes purchases	0	0	1,500	1,500
MAN truck	4,000	4,000	4,000	4,000
Hino bin truck (Plant61)	4,000	4,000	4,000	4,000
Hino bin truck (Plant83)	4,000	4,000	4,000	4,000
Cat SSL (Plant99)	2,500	2,500	3,000	3,000
Cat SSL (Plant108)	2,500	2,500	3,000	3,000
Plant - Repair and Maintenance				
Unforeseen repairs	0	0	5,000	5,000
MAN truck	6,500	6,500	7,500	7,500
Hino bin truck (Plant61)	6,500	6,500	5,000	5,000
Hino bin truck (Plant83)	6,500	6,500	7,500	7,500
Volvo loader	4,000	4,000	5,000	5,000
Cat SSL	2,000	2,000	11,122	5,000
Cat SSL	2,000	2,000	11,122	5,000
TANA E520 (Plant107)	0		3,700	0
	<b>68,000</b>	<b>68,000</b>	<b>125,944</b>	<b>110,000</b>
<i>Insurance</i>				
Municipal Property Insurance	3,300	3,300	7,206	1,400
Public Liability Insurance	5,650	5,650	5,600	5,600
Plant and Machinery Insurance	3,700	3,700	3,600	3,600
	<b>12,650</b>	<b>12,650</b>	<b>16,406</b>	<b>10,600</b>
<i>Depreciation</i>				
Depreciation on Buildings	53,184	53,184	53,000	53,000
Depreciation on Furniture & Office Equipment	528	528	600	600
Depreciation on Computing	528	528		
Depreciation on Vehicles and Mobile Plant	137,436	137,436	168,162	147,400
Depreciation on Infrastructure	6,384	6,384	6,400	6,400
	<b>198,060</b>	<b>198,060</b>	<b>228,162</b>	<b>207,400</b>
<i>Loss on Sale of Assets</i>	0	0	70,725	70,725
<b>Total Expenditure</b>	<b>840,460</b>	<b>840,460</b>	<b>1,012,645</b>	<b>969,933</b>
<b>Net Total</b>	<b>(840,169)</b>	<b>(840,169)</b>	<b>(997,645)</b>	<b>(954,933)</b>

## **4. CAPITAL EXPENDITURE**

**Mindarie Regional Council**  
**For the year ending 30 June 2018**  
**Schedule of Capital Expenditure**

Proposed Budget  
2017/2018

**SCHEDULE OF CAPITAL EXPENDITURE**

The following assets are budgeted to be acquired during the year.

**PLANT, VEHICLES AND MACHINERIES**

**Plant and Vehicles**

Replacement of 30T Dump Truck (Plant90)	360,000
Replacement of Komatsu WA470 (Plant93)	290,000
Replacement of Komatsu WA470 (Plant94)	290,000
Replacement of Foton Dual Cab (Plant102)	24,000
Replacement of Foton Single Cab (Plant103)	24,000
Replacement of Sumitomo Excavator (Plant89)	200,000
Replacement of Education Events Trailer (Plant63)	10,000
Replacement of 5kva Modra Portable Generator	2,000
Replacement of Kubota Lawnmower (Plant77)	5,000
Replacement of Toyota Forklift (Plant98)	28,000
Replacement of Caterpillar skidsteer loader MTL (Plant99)	90,000
Replacement of Kia Grand Carnival-education vehicle (Plant106)	45,000

**brought forward items:**

Replacement of Hino Bin Truck (Plant83)	286,000
	1,654,000

**Machinery and Equipment**

Purchase and install 2 Cardboard Compactors	50,000
Purchase of Hooklift Bins	25,000
Purchase of Tarpomatic Tarps	35,000
Replacement of 4 units 2way Radios	5,000
EPS Baler	50,000
Small Equipments	17,000
Leachate Pumps for Stage2 phase2	20,000
Replacement of 2x Airwell pumps	20,000
Odour Monitoring Units	45,000
Degassing (replace unit, purchase special designed trolley)	3,500
In-situ Landfill Gas Monitoring units-2 ambisence gas monitor	35,000
Landfill Gas Monitor for Workshop-wireless, notifications, alarms	4,500
	310,000

<b>TOTAL PLANT, VEHICLES AND MACHINERIES</b>	1,964,000
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**FURNITURE AND FITTINGS**

**Furniture, Fittings & Equipment**

New Telephone System	15,000
Replacement of Furniture and Fittings	7,200
Replacement of Airconditioning Units	1,300
	23,500

<b>TOTAL FURNITURE AND FITTINGS</b>	23,500
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**Mindarie Regional Council**  
**For the year ending 30 June 2018**  
**Schedule of Capital Expenditure**

Proposed Budget  
2017/2018

**SCHEDULE OF CAPITAL EXPENDITURE**

The following assets are budgeted to be acquired during the year.

**COMPUTING EQUIPMENT**

**Computing Equipment**

Replacement of Fortigate firewalls x2	7,000
Admin network/server cabinet migration	30,000
Replacement of Servers at Tamala Park x2	50,000
Replacement of Desktops and Laptops	19,000
Telemetry Software	50,000
	156,000

<b>TOTAL COMPUTING EQUIPMENT</b>	156,000
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**BUILDING**

**Building**

Upgrade of Kitchen and Ablution at Tipface	20,000
Weighbridge - Tamala Park	20,000
Recycling Centre phase 2 redevelopment	150,000
Weighbridge and other infrastructure - Neerabup	20,000

***brought forward items***

Recycling Centre renovation and alignment phase2	275,000
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<b>TOTAL BUILDINGS</b>	485,000
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<b>TOTAL LAND AND BUILDINGS</b>	485,000
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**INFRASTRUCTURE**

**Operations**

Gas well installations	28,000
Leachate system/Pumps and compressor station	497,500
Litter Fencing	42,000
Environmental Drilling Program1-Southern Tipface Rd (10 wells)	50,000
Environmental Drilling Program2-Southern Stage1 (10 wells)	50,000
Environmental Drilling Program3-Inbetween Stage1&2 (10 wells)	50,000
Environmental Drilling Program4-Inbetween Stage1&2 (G/W 3 wells)	22,500
Evaporation Mat (1) revamp	30,000
Evaporation Mat - additional pumps	10,000
Extent the Degassing slab	3,000
	783,000

**Mindarie Regional Council**  
**For the year ending 30 June 2018**  
**Schedule of Capital Expenditure**

Proposed Budget  
2017/2018

**SCHEDULE OF CAPITAL EXPENDITURE**

The following assets are budgeted to be acquired during the year.

**Waste Infrastructure**

***brought forward items***

Waste Precinct	6,000,000
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	6,000,000
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**Landfill Infrastructure Stage 2**

Phase2 and Phase3 Capping	1,721,823
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**Landfill Infrastructure Phase 3**

Cell Development-Lining	1,402,725
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***brought forward items:***

	3,124,548
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<b>TOTAL INFRASTRUCTURE</b>	9,907,548
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<b>TOTAL CAPITAL EXPENDITURE</b>	12,536,048
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**Mindarie Regional Council**  
For the year ending 30 June 2018

**Proposed Budget  
2017/2018**

**SUMMARY OF CAPITAL EXPENDITURE**

**New Capital Expenditures**

Total Plant, Vehicles and Machineries	1,678,000
Total Furniture and Fittings	23,500
Total Computing Equipments	156,000
Land and Buildings	210,000
Total Infrastructure	3,907,548
<b>Total New Capital Expenditures</b>	<b>5,975,048</b>

**Brought forward items from 2016/2017**

Recycling Centre renovation and alignment phase2	275,000
Waste Precinct	6,000,000
Replacement of Hino Bin Truck (Plant83)	286,000
<b>Total Brought Forward Capital Expenditures</b>	<b>6,561,000</b>

**Total Capital Expenditures**

**12,536,048**

**Sources of Funding:**

External Borrowings	6,000,000
Capital Expenditure Reserve	6,536,048
	<b>12,536,048</b>

## **5. RESERVES**

**Mindarie Regional Council**  
**RESERVES**  
For the year ending 30 June 2018

Description	Note	Proposed Budget 2017/2018	Estimated Actual 30 June 2017	Actual 30 June 2016
<b>Opening Balance</b>				
Site Rehabilitation		9,572,156	9,140,456	8,708,756
Capital Expenditure		1,053,911	1,604,975	1,328,037
Participants Surplus Reserve		2,000,000	2,000,000	2,000,000
RRF Maintenance Funding		250,000	0	0
Carbon Abatement		491,076	491,076	3,340,731
		<b>13,367,143</b>	<b>13,236,507</b>	<b>15,377,524</b>
<b>Interest on Investments</b>				
Site Rehabilitation		0	0	0
Capital Expenditure		0	0	0
Participants Surplus Reserve		0	0	0
Carbon Abatement		0	0	0
		<b>0</b>	<b>0</b>	<b>0</b>
<b>Transfer from Operating Surplus</b>				
Site Rehabilitation		616,538	431,700	431,700
Capital Expenditure		6,000,000	5,000,000	2,000,000
Participants Surplus Reserve		0	0	0
RRF Maintenance Funding		250,000	250,000	0
Carbon Abatement		0	0	0
		<b>6,866,538</b>	<b>5,681,700</b>	<b>2,431,700</b>
<b>Transfer from Operations</b>		<b>6,866,538</b>	<b>5,681,700</b>	<b>2,431,700</b>
<b>Transfer from Balance Sheet (Retained Surplus)</b>				
Site Rehabilitation		0	0	0
Participants Surplus Reserve		0	0	0
Carbon Abatement		0	0	0
		<b>0</b>	<b>0</b>	<b>0</b>
<b>Transfer to Operating Surplus</b>				
Site Rehabilitation		0	0	0
Capital Expenditure		6,536,048	5,551,064	1,723,062
Participants Surplus Reserve		0	0	0
RRF Maintenance Funding		0	0	0
Carbon Abatement		0	0	2,849,655
		<b>6,536,048</b>	<b>5,551,064</b>	<b>4,572,717</b>
<b>Transfer to Balance Sheet Provisions</b>				
Site Rehabilitation		0	0	0
Participants Surplus Reserve		0	0	0
Carbon Abatement		0	0	0
		<b>0</b>	<b>0</b>	<b>0</b>
<b>Closing Balance</b>				
Site Rehabilitation		10,188,694	9,572,156	9,140,456
Capital Expenditure		517,863	1,053,911	1,604,975
Participants Surplus Reserve		2,000,000	2,000,000	2,000,000
RRF Maintenance Funding		500,000	250,000	0
Carbon Abatement		491,076	491,076	491,076
		<b>13,697,633</b>	<b>13,367,143</b>	<b>13,236,507</b>

## **6. MISCELLANEOUS SCHEDULES**

**Mindarie Regional Council**  
**DISPOSAL OF ASSETS**  
**For the year ending 30 June 2018**

**Proposed Budget**  
**2017/2018**

**DISPOSAL OF ASSETS**

**Net Book Value**

30t Dump Truck (Plant90)	111,446
Komatsu WA470 (Plant93)	89,439
Komatsu WA470 (Plant94)	89,439
Foton Dual Cab (Plant102)	13,045
Foton Single Cab (Plant103)	10,747
Sumitomo Excavator (Plant89)	68,820
Kubota Lawnmower (Plant77)	0
Toyota Forklift (Plant98)	12,362
Caterpillar Skidsteer Loader MTL (Plant99)	34,709
Kia Grand Carnival (Plant106)	23,482
	<b>453,489</b>

**Sale Proceeds**

30t Dump Truck (Plant90)	120,000
Komatsu WA470 (Plant93)	92,000
Komatsu WA470 (Plant94)	92,000
Foton Dual Cab (Plant102)	12,000
Foton Single Cab (Plant103)	8,000
Sumitomo Excavator (Plant89)	72,000
Kubota Lawnmower (Plant77)	1,000
Toyota Forklift (Plant98)	13,000
Caterpillar Skidsteer Loader MTL (Plant99)	35,000
Kia Grand Carnival (Plant106)	23,482
	<b>468,482</b>

**Profit on Sale of Assets**

30t Dump Truck (Plant90)	8,554
Komatsu WA470 (Plant93)	2,561
Komatsu WA470 (Plant94)	2,561
Sumitomo Excavator (Plant89)	3,180
Kubota Lawnmower (Plant77)	1,000
Toyota Forklift (Plant98)	638
Caterpillar Skidsteer Loader MTL (Plant99)	291
	<b>18,785</b>

**Loss on Sale of Assets**

Foton Dual Cab (Plant102)	(1,045)
Foton Single Cab (Plant103)	(2,747)
Kia Grand Carnival (Plant106)	0
	<b>(3,792)</b>

**Net Profit / (Loss)**

**14,993**

**Mindarie Regional Council**  
**CARRIED FORWARD ITEMS FROM 2016/2017**

	SURPLUS	RESERVE	LOAN	TOTAL
<b>Operating Expenditures</b>				-
				-
<b>Total Operating Expenditures</b>	-	-	-	-
<b>Capital Expenditures</b>				
Replacement of Hino Bin Truck (Plant83)		286,000		286,000
Recycling Centre Renovation and Alignment Phase2		275,000		275,000
Waste Precinct			6,000,000	6,000,000
<b>Total Capital Expenditures</b>	-	561,000	6,000,000	<b>6,561,000</b>
<b>Total Carried Forward Expenditures</b>	-	561,000	6,000,000	<b>6,561,000</b>



## Mindarie Regional Council

### DEPRECIATION SCHEDULE

<b>Description</b>	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Actual 30 June 2016</b>
Buildings	291,912	291,100	282,197
Infrastructure	368,880	381,793	301,119
Furniture and Office Equipment	37,560	38,400	98,547
Computing Equipment	206,520	254,420	250,553
Plant and Machinery	903,732	962,962	883,028
	<b>1,808,604</b>	<b>1,928,675</b>	<b>1,815,444</b>

**Mindarie Regional Council**  
**RESTORATION AND POST CLOSURE LIABILITIES**  
**For the year ending 30 June 2018**

<b>Description</b>	<b>Note</b>	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Actual 30 June 2016</b>
<b>Opening Balance</b>				
Capping Provision		9,415,464	9,141,230	8,874,930
Post Closure Management Provision		5,964,041	5,807,913	5,642,513
		<b>15,379,505</b>	<b>14,949,143</b>	<b>14,517,443</b>
<b>Additions</b>				
Capping Accretion Expense		282,449	274,234	266,300
Post Closure Accretion Expense		334,089	156,128	165,400
		<b>616,538</b>	<b>430,362</b>	<b>431,700</b>
<b>Reduction</b>				
Capping Provision		0	0	0
Post Closure Management Provision		0	0	0
		<b>0</b>	<b>0</b>	<b>0</b>
<b>Closing Balance</b>				
Capping Provision		9,697,913	9,415,464	9,141,230
Post Closure Management Provision		6,298,130	5,964,041	5,807,913
		<b>15,996,043</b>	<b>15,379,505</b>	<b>14,949,143</b>

**Mindarie Regional Council**  
**CELL DEVELOPMENT AMORTISATION**  
**For the year ending 30 June 2018**

<b>Description</b>	<b>Proposed Budget 2017/2018</b>	<b>Estimated Actual 30 June 2017</b>	<b>Actual 30 June 2016</b>
Cell Development	1,750,600	2,356,511	2,766,100
	<u>1,750,600</u>	<u>2,356,511</u>	<u>2,766,100</u>
Resource Recovery Facility			
Pre Operating Cost	104,700	104,700	104,700
Capital Cost	386,648	386,648	386,648
	<u>491,348</u>	<u>491,348</u>	<u>491,348</u>
	<u><b>2,241,948</b></u>	<u><b>2,847,859</b></u>	<u><b>3,257,448</b></u>

# Mindarie Regional Council

## TONNAGES DELIVERED COMPARATIVES

	<b>2017/2018 Projected Tonnage</b>	<b>2016/2017 Proj Actual Tonnage</b>	<b>2016/2017 Budget Tonnage</b>	<b>2015/2016 Budget Tonnage</b>
<b>Members Waste</b>				
Perth	13,600	13,620	13,600	14,195
Stirling	74,116	68,525	79,410	65,001
Wanneroo	70,356	74,838	74,000	74,000
Cambridge	7,700	8,700	8,700	8,700
Vincent	14,600	15,300	15,200	15,000
Victoria Park	16,500	16,500	16,500	16,500
Joondalup	55,218	54,397	65,500	67,930
<b>Total Members Waste Delivered to MRC</b>	<b>252,090</b>	<b>251,880</b>	<b>272,910</b>	<b>261,326</b>
<b>Casuals</b>				
City of Stirling	0	0	0	0
WMRC Residues	18,500	18,500	18,500	18,500
City of South Perth	0	0	0	0
Other Casuals	16,400	16,400	16,400	16,400
<b>Total Casuals</b>	<b>34,900</b>	<b>34,900</b>	<b>34,900</b>	<b>34,900</b>
<b>Total Waste Received by MRC</b>	<b>286,990</b>	<b>286,780</b>	<b>307,810</b>	<b>296,226</b>
Less Waste processed by WMRC	(18,500)	(18,500)	(18,500)	(18,500)
Less Waste Processed by RRF	(100,000)	(100,000)	(100,000)	(75,000)
Plus Residue Sent to Landfill (95%)	48,700	48,700	48,700	36,525
Plus Residue Sent to Eclipse (5%)				
Diversion Rate	51.3%	51.3%	51.3%	51.3%
<b>Waste Diverted from Landfill</b>	<b>(69,800)</b>	<b>(69,800)</b>	<b>(69,800)</b>	<b>(56,975)</b>
<b>Waste sent to Landfill at Tamala Park</b>	<b>217,190</b>	<b>216,980</b>	<b>238,010</b>	<b>239,251</b>

CAPITAL EXPENDITURE	June 2018 Forecast	June 2019 Forecast	June 2020 Forecast	June 2021 Forecast	June 2022 Forecast
<b>Landfill infrastructure capex</b>					
Stage 2 - Phase 2 & 3 capping work	1,721,823			4,300,532	
Waste Precinct	6,000,000				
Landfill infrastructure (cell development)	1,402,725	1,425,304	1,447,669		
Gas well installations	28,000	29,000	30,000	31,000	32,000
Telemetry System-4 leachate system					
Leachate system/Pumps and compressor station	497,500	750,000	450,000		
Weighbridge	20,000				100,000
Recycling - phase 2 redevelopment	425,000				
Millipede Barrier					35,000
Upgrade of Kitchen and Ablution at Tipface	20,000				
Litter fencing	42,000	20,000	20,000	20,000	20,000
Environmental Drilling Program1	50,000				
Environmental Drilling Program2	50,000				
Environmental Drilling Program3	50,000				
Environmental Drilling Program4	22,500				
Evaporation Mat - revamp	30,000				
Evaporation Mat - additional pumps	10,000				
Extent Degassing slab	3,000				
Transfer Station extension		5,000,000			
Other					
<b>Total Landfill infrastructure</b>	<b>10,372,548</b>	<b>7,224,304</b>	<b>1,947,669</b>	<b>4,351,532</b>	<b>187,000</b>
<b>Equipment</b>					
2 way radios	5,000				
Odour Monitoring Units	45,000				
Hook lift bins	25,000	26,000	27,000	28,000	29,000
EPS Baler	50,000				
Tarpomatic spindle			29,000		
Tarpomatic tarps	35,000	36,000	37,000	38,000	39,000
Small Equipments	17,000	56,000	57,000	58,000	59,000
Skva Portable Generator	2,000				
Leachate Pumps for Stage2 phase2	20,000				
Replace Airwell Pumps	20,000				
Replacement of Degassing units	3,500				
In-situ Landfill Gas Monitoring units	35,000				
Landfill Gas Monitor for Workshop	4,500				
Other					
<b>Total equipment</b>	<b>262,000</b>	<b>118,000</b>	<b>150,000</b>	<b>124,000</b>	<b>127,000</b>
<b>Plant and vehicles</b>					
Replacement of Hino bin truck (Plant83)	286,000			310,000	
Replacement of Education Trailer Events (Plant63)	10,000				
Replacement of Komatsu dump truck (Plant90)	360,000				
Replacement of Lighting Tower (Plant88)			48,000		
Tractor and dinosaur water cart (Plant76)				216,000	
Replacement of Caterpillar Skidsteer Loader MTL (Plant99)	90,000			97,000	
Replacement of Volvo Skidsteer Loader			97,000		
Sumitomo excavator (Plant89)		185,000			
Replacement of Fire Ute (Plant71)				76,000	
Bomag Landfill Compactor		1,400,000			
Purchase and install 2 Cardboard Compactors	50,000				
Replacement of Workshop vehicle (Plant102)	24,000			25,000	
Replacement of Groundsman vehicle (Plant103)	24,000			25,000	
Replacement of KIA grand carnival	45,000		47,000		49,000
Replacement of DCS vehicle (Plant97)		50,000		52,000	
Replacement of CEO vehicle (Plant96)		56,000		58,000	
Replacement of Komatsu WA470 (Plant93)	290,000				314,000
Replacement of Komatsu WA470 (Plant94)	290,000				314,000
Replacement of Ops Manager vehicle (Plant101)		47,000		49,000	
Replacement of Kubota Lawn mower (Plant77)	5,000				
Replacement of Tana landfill compactor (Plant107)			1,400,000		
Replacement of Sumitomo Excavator (Plant89)	200,000				
Replacement of Toyota Forklift (Plant98)	28,000				
Replacement of MAN Bin Truck (Plant104)			298,000		
Generator			100,000		
Replacement of CAT Forklift (Plant59)				29,000	
Other					
<b>Total plant and vehicles</b>	<b>1,702,000</b>	<b>1,738,000</b>	<b>1,990,000</b>	<b>937,000</b>	<b>677,000</b>

CAPITAL EXPENDITURE	June 2018 Forecast	June 2019 Forecast	June 2020 Forecast	June 2021 Forecast	June 2022 Forecast
<b>RRF Capex</b>					
Weighbridge	20,000		20,000		
Other					
<b>Total RRF capex</b>	<b>20,000</b>	<b>0</b>	<b>20,000</b>	<b>0</b>	<b>0</b>
<b>Furniture</b>					
Replacement of Furniture and fittings	7,200	7,300	7,400	7,500	7,600
Replacement of Airconditioning Units	1,300	1,300	1,300	1,300	1,300
Other					
<b>Total furniture</b>	<b>8,500</b>	<b>8,600</b>	<b>8,700</b>	<b>8,800</b>	<b>8,900</b>
<b>Computing equipment</b>					
Servers - Tamala Park and Neerabup		49,000	50,000		
UPS			67,000		
SAN Upgrade				141,000	
Desktops and Laptops	19,000	3,300		19,800	3,400
Wasteman		60,000			
Navision		400,000			
New Telephone System	15,000				
Replacement of Fortigate firewalls	7,000				
Replacement of Servers at Tamala Park	50,000				
Telemetry Software	50,000				
Admin Network and Server Cabinets	30,000				
Other					
<b>Total computing equipment</b>	<b>171,000</b>	<b>512,300</b>	<b>117,000</b>	<b>160,800</b>	<b>3,400</b>
<b>Total capital expenditure</b>	<b>12,536,048</b>	<b>9,601,204</b>	<b>4,233,369</b>	<b>5,582,132</b>	<b>1,003,300</b>

## Mindarie Regional Council

## EMPLOYEE COST ANALYSIS

Cost Centre	FTE's	Salaries incl On Costs	Super	Workers Compensation	Training and Conference	Fringe Benefit Tax	Protective Clothing and Equipment	Travel Allowance / Parking	First Aid / OSH	Recruitment	Wellness Program	Total Budget
<b>Governance</b>												
Governance Management	4.0	497,941	66,541	16,924	20,100	14,000		1,000		11,000	19,600	647,106
Governance Administration	1.0	72,200	8,500	2,500	1,500	9,500		300				94,500
Corporate Services	4.6	510,550	69,000	20,500	31,000	18,200		2,000				651,250
		<b>1,080,691</b>	<b>144,041</b>	<b>39,924</b>	<b>52,600</b>	<b>41,700</b>	-	<b>3,300</b>	-	<b>11,000</b>	<b>19,600</b>	<b>1,392,856</b>
		-										
<b>Operations</b>												
Environmental	3.0	338,400	48,500	11,700	10,100			700				409,400
Weighbridge	1.0	185,128	24,200	6,408								215,736
Workshop	2.0	206,738	27,300	7,180								241,218
Tip Face	5.0	697,200	65,100	24,100	4,800							791,200
Transfer	5.0	472,208	62,200	16,253	3,000							553,661
		<b>1,899,674</b>	<b>227,300</b>	<b>65,641</b>	<b>17,900</b>	-	-	<b>700</b>	-			<b>2,211,215</b>
		-										
Recycling	12.0	1,223,447	153,000	42,000	18,000	18,200	33,500	100	3,000			1,491,247
		-										
Communication	2.6	267,200	39,700	9,200	15,200	4,000	2,000	1,500				338,800
<b>Totals</b>	<b>40.2</b>	<b>4,471,012</b>	<b>564,041</b>	<b>156,765</b>	<b>103,700</b>	<b>63,900</b>	<b>35,500</b>	<b>5,600</b>	<b>3,000</b>	<b>11,000</b>	<b>19,600</b>	<b>5,434,118</b>

## Employee Numbers

	Budget 2015/2016	Budget 2016/2017	Budget 2017/2018
	FTE	FTE	FTE
<b>Governance</b>			
Chief Executive	1.0	1.0	1.0
Human Resource	1.0	1.0	1.0
Governance	1.0	1.0	1.0
Manager Projects			1.0
Occupational Health & Safety	1.0	1.0	
	<b>4.0</b>	<b>4.0</b>	<b>4.0</b>
<b>Coporate Services</b>			
Director	1.0	1.0	1.0
Finance Services	4.0	3.6	3.6
IT Services	1.0		
Administration Services	1.0	1.0	1.0
Communication Services	3.1	2.6	2.6
	<b>10.1</b>	<b>8.2</b>	<b>8.2</b>
<b>Operations</b>			
Management	2.0	1.0	1.0
Occupational Health & Safety	-	-	1.0
Weighbridge	1.0	1.0	1.0
Workshop	2.0	2.0	2.0
Environmental	3.0	3.0	3.0
Tip Face	5.0	5.0	5.0
Transfer	3.4	4.4	5.0
Recycling	10.8	9.0	10.0
	<b>27.2</b>	<b>25.4</b>	<b>28.0</b>
<b>Total</b>	<b>41.3</b>	<b>37.6</b>	<b>40.2</b>



**Mindarie Regional Council**  
**SUMMARY OF BUDGET ACTIVITY**  
For the year ending 30 June 2018

Description	Note	Proposed Budget 2017/2018			Estimated Actual 30 June 2017			Actual 30 June 2016	Actual 30 June 2015	Actual 30 June 2014	Actual 30 June 2013
		Member	Non-Member	Total	Member	Non-Member	Total				
Members Tonnes		252,090		252,090	251,880		251,880				
Non-Members Tonnes			16,400	16,400		16,400	16,400				
<b>Tonnes Received by MRC</b>		<b>252,090</b>	<b>16,400</b>	<b>268,490</b>	<b>251,880</b>	<b>16,400</b>	<b>268,280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Less: Waste Processed at RRF		(100,000)		(100,000)	(100,000)		(100,000)				
Plus: Residue sent to Tamala Landfill		48,700		48,700	48,700		48,700				
<b>Waste to Landfill</b>		<b>200,790</b>	<b>16,400</b>	<b>217,190</b>	<b>200,580</b>	<b>16,400</b>	<b>216,980</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Diversion Rate (Including residues sent to Eclipse)		51.3%			51.3%						
% of Landfill Tonnes		92.4%	7.6%	100.0%	92.4%	7.6%	100.0%				
% of Total Tonnes		93.9%	6.1%	100.0%	93.9%	6.1%	100.0%				
Member Fees (ex GST and Carbon Price)		\$174.00			\$ 155.00			\$ 155.00	\$ 116.00	144	
Member Residue/Bales Fees (ex GST)								\$ 138.50		\$ 115.41	\$ 123.00
Processable Fees (ex GST)										\$ 113.21	
Non-Processable Fees (ex GST)					\$ 155.00			\$ 155.00	\$ 143.64		
Non-Member Fees (ex GST)	d		\$190.91		\$ 195.00			\$ 177.27	\$ 170.91	\$ 143.51	\$ 140.00
<b>Operating Revenue</b>											
Members Fees		43,863,660		43,863,660	41,276,839		41,276,839	38,492,522	37,125,279	36,464,891	24,387,102
RRF Residues		8,473,800		8,473,800	8,028,933		8,028,933	6,044,889	6,568,952	5,349,737	5,585,963
Non-Member Fees			6,349,924	6,349,924		6,037,440	6,037,440	2,980,899	3,277,392	4,561,887	7,338,171
Other Revenue		2,164,600		2,164,600	2,177,890		2,177,890	3,350,410	2,745,641	4,686,879	1,475,040
Governance		0		0	54,207	54,207	54,207	34,390	3,372	0	0
Finance and Business Services								106,200			
Communications								2,331			
Tipface		0		0	0		0	13,254	0	0	0
Recycling Centre and Transfer Station		17,785		17,785	0		0	0	5,787	0	402,246
Landfill Operations		0		0	0		0	0	9,521	48,884	0
Resource Recovery Facility		0		0	0		0	0	0	0	206,642
		<b>54,519,845</b>	<b>6,349,924</b>	<b>60,869,769</b>	<b>51,537,869</b>	<b>6,091,647</b>	<b>57,575,309</b>	<b>51,024,895</b>	<b>49,735,944</b>	<b>51,112,278</b>	<b>39,395,164</b>
<b>Operating Expenditure</b>											
Members of Council		173,077	14,136	187,213	232,101	15,112	247,213	164,949	185,696	175,702	113,859
Governance Management		1,321,431	107,931	1,429,362	1,371,276	89,284	1,460,560	1,005,695	978,476	844,701	749,474
Finance and Business Services		1,272,975	103,973	1,376,948	1,267,866	82,551	1,350,417	1,363,779	1,465,809	3,321,502	1,180,163
Administration Services		1,196,483	97,726	1,294,209	1,165,771	75,904	1,241,675	1,274,469	1,199,232	279,495	498,384
Projects		3,354,974	274,026	3,629,000	3,627,061	236,159	3,863,220	0	0	17,555	78,705
Communications		675,719	55,191	730,910	696,919	45,377	742,296	707,602	432,273	399,607	402,441
Recycling Centre			2,197,346	2,197,346		2,196,862	2,196,862	1,608,516	1,284,810	1,101,033	974,456
Landfill Operations											
Operations Administration		0	0	0	0	0	0	0	0	1,717,669	1,767,038
Protection of Environment		916,648	74,869	991,517	1,006,390	65,526	1,071,916	877,511	749,138	636,788	446,505
Workshop		323,722	26,441	350,163	470,850	30,657	501,507	384,594	352,356	366,138	370,629
Tipface		17,193,971	1,404,358	18,598,329	16,641,092	1,083,508	17,724,600	17,703,878	16,629,526	13,505,238	9,585,215
Weighbridge			330,338	330,338		353,348	353,348	310,153	257,715	213,578	230,907
Transfer Station			840,460	840,460		1,012,645	1,012,645	833,896	678,339	627,863	760,898
Contractor's Fee		17,851,200		17,851,200	17,485,500		17,485,500	14,157,437	16,654,746	16,591,404	15,341,649
RRF Residues		8,723,800		8,723,800	8,028,933		8,028,933	6,044,889	6,568,952	5,349,737	5,585,963
RRF Operating Expenses		1,304,649		1,304,649	1,607,804		1,607,804	1,225,741	1,269,451	1,419,178	1,753,879
		<b>54,308,649</b>	<b>5,526,795</b>	<b>59,835,444</b>	<b>53,601,562</b>	<b>5,286,934</b>	<b>58,888,496</b>	<b>47,663,109</b>	<b>48,706,519</b>	<b>46,567,188</b>	<b>39,840,165</b>
<b>Changes in Net Assets Resulting from Operation</b>		<b>211,196</b>	<b>823,129</b>	<b>1,034,325</b>	<b>(2,063,693)</b>	<b>804,713</b>	<b>(1,313,187)</b>	<b>3,361,786</b>	<b>1,029,425</b>	<b>4,545,090</b>	<b>(445,001)</b>
<b>Add Back</b>											
Depreciation		1,672,036	136,568	1,808,604	1,810,775	117,900	1,928,675	1,815,444	1,124,414	1,199,535	913,827
Amortisation (Landfill Cell Development & RRF)		2,072,659	169,289	2,241,948	2,673,769	174,090	2,847,859	4,403,275	4,468,881	4,744,382	3,585,688
Brought forward items 2014/2015		0		0	0	0	0	0	0	0	0
(Profit on Sale of Assets)		(17,367)	(1,418)	(18,785)	(50,893)	(3,314)	(54,207)	(121,785)	(18,680)	(48,884)	0
Loss on Sale of Assets		3,506	286	3,792	66,402	4,323	70,725	78,177	317,009	82,046	0
		<b>3,730,834</b>	<b>304,725</b>	<b>4,035,559</b>	<b>4,500,052</b>	<b>293,000</b>	<b>4,793,052</b>	<b>6,175,111</b>	<b>5,891,624</b>	<b>5,977,079</b>	<b>4,499,515</b>
<b>Less Capital Expenditures</b>											
Capital Expenditure		(11,589,452)	(946,596)	(12,536,048)	(5,211,727)	(339,337)	(5,551,064)	(3,189,243)	(2,697,401)	(3,582,768)	(645,461)
Repayment of Debt Principal		(126,473)	(10,330)	(136,803)	(3,964,931)	(258,158)	(4,223,089)	(3,785,700)	(1,107,270)	(2,679,776)	(2,135,242)
Transfers to Reserve		(6,348,046)	(518,492)	(6,866,538)	(5,334,377)	(347,323)	(5,681,700)	(2,431,700)	(1,970,760)	(7,880,362)	(1,585,100)
		<b>(18,063,971)</b>	<b>(1,475,418)</b>	<b>(19,539,389)</b>	<b>(14,511,034)</b>	<b>(944,819)</b>	<b>(15,455,853)</b>	<b>(9,406,643)</b>	<b>(5,775,431)</b>	<b>(14,142,906)</b>	<b>(4,365,803)</b>
<b>Plus Funding Sources</b>											
Loans	b	6,000,000		6,000,000	0	0	0	0	0	0	0
Transfer from Reserve	a	6,536,048		6,536,048	5,551,064		5,551,064	4,572,717	1,729,339	1,655,980	1,159,978
Proceeds from Sale of Assets		468,482		468,482	158,165		158,165	288,045	0	0	0
Council Contributions		69,603		69,603	284,650		284,650	268,047	252,757	238,226	240,617
		<b>13,074,133</b>	<b>0</b>	<b>13,074,133</b>	<b>5,993,879</b>	<b>0</b>	<b>5,993,879</b>	<b>5,128,809</b>	<b>1,982,096</b>	<b>1,894,206</b>	<b>1,400,595</b>
<b>Cash Adjusted Surplus / (Deficit)</b>	<b>c</b>	<b>(1,047,808)</b>	<b>(347,564)</b>	<b>(1,395,372)</b>	<b>(6,080,797)</b>	<b>152,895</b>	<b>(5,982,109)</b>	<b>5,259,063</b>	<b>3,127,714</b>	<b>(1,726,530)</b>	<b>1,089,306</b>

## **7. FEES AND CHARGES**

## Mindarie Regional Council

### FEE CALCULATION FOR MEMBER COUNCIL GATE FEES 2017/2018

2017/2018

Member Tonnes (including tonnages delivered to RRF)	200,790	92%
Non-Member Tonnes	16,400	8%
Total	217,190	

	Total	FY 2016/18			
		Members		Non-Members	
			300,790		16,400
<b>Tonnages for Pricing</b>					
<b>Landfill Operations</b>					
Tipface	\$ 1,543,950	\$ 1,427,366	\$ 4.75	\$ 116,584	\$ 7.11
Transfer	\$ 629,750	\$ 62,975	\$ 0.21	\$ 566,775	\$ 34.56
Weighbridge	\$ 307,980	\$ 277,182	\$ 0.92	\$ 30,798	\$ 1.88
Workshop	\$ 270,637	\$ 250,201	\$ 0.83	\$ 20,436	\$ 1.25
Environmental	\$ 944,255	\$ 872,954	\$ 2.90	\$ 71,301	\$ 4.35
Operations Admin	\$ -	\$ -	\$ -	\$ -	\$ -
DEP Levy	\$ 12,988,000	\$ 12,007,277	\$ 39.92	\$ 980,723	\$ 59.80
Carbon Price					
Cost of Borrowings	\$ -	\$ -	\$ -	\$ -	\$ -
Amort for Cell Dev/Decomm Asset	\$ 2,527,443	\$ 2,336,596	\$ 7.77	\$ 190,847	\$ 11.64
Capping Accretion Expense	\$ 282,449	\$ 261,121	\$ 0.87	\$ 21,328	\$ 1.30
Post Closure Accretion Expense	\$ 334,089	\$ 308,862	\$ 1.03	\$ 25,227	\$ 1.54
Depreciation	\$ 1,581,096	\$ 1,461,708	\$ 4.86	\$ 119,388	\$ 7.28
Land Rental	\$ 709,688	\$ 656,100	\$ 2.18	\$ 53,588	\$ 3.27
Insurance	\$ 247,127	\$ 228,466	\$ 0.76	\$ 18,661	\$ 1.14
<b>Total Landfill Operations</b>	<b>\$ 22,366,464</b>	<b>\$ 20,150,809</b>	<b>\$ 66.99</b>	<b>\$ 2,215,655</b>	<b>\$ 135.10</b>
Recycling	\$ 2,197,346		\$ -	\$ 2,197,346	\$ 133.98
Governance	\$ 3,053,697	\$ 2,823,113	\$ 9.39	\$ 230,584	\$ 14.06
Projects	\$ 410,000	\$ 379,041	\$ 1.26	\$ 30,959	\$ 1.89
Communication	\$ 710,288	\$ 656,654	\$ 2.18	\$ 53,634	\$ 3.27
	<b>\$ 6,371,331</b>	<b>\$ 3,858,808</b>	<b>\$ 12.83</b>	<b>\$ 2,512,523</b>	<b>\$ 153.20</b>
<b>RRF</b>					
Contractors Fee	\$ 26,575,000	\$ 26,575,000	\$ 88.34		
Compost Disposal	\$ 489,000	\$ 489,000	\$ 1.63		
Operating Costs	\$ 260,854	\$ 260,854	\$ 0.89		
Borrowing Costs	\$ 63,447	\$ 63,447	\$ 0.22		
Amortisation	\$ 491,348	\$ 491,348	\$ 1.63		
	<b>\$ 27,879,649</b>	<b>\$ 27,879,649</b>	<b>\$ 92.71</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total Expenses</b>	<b>\$ 56,617,444</b>	<b>\$ 51,889,266</b>	<b>\$ 172.53</b>	<b>\$ 4,728,178</b>	<b>\$ 288.30</b>
<b>Revenue Offset</b>					
Grant	\$ -	\$ -	\$ -		
Sale of Recyclable Materials	\$ 740,000	\$ 360,000	\$ 1.20	\$ 380,000	\$ 23.17
Contributions, Reimbursements & Rebates	\$ 5,000	\$ 5,000	\$ 0.02		
Interest	\$ 437,000	\$ 437,000	\$ 1.45		
Landfill Gas	\$ 730,000	\$ 730,000	\$ 2.43		
Other Income	\$ 252,600	\$ 150,600	\$ 0.50	\$ 102,000	\$ 6.22
Casual Gate Fee Subsidy		\$ (1,250,000)	\$ (4.16)	\$ 1,250,000	\$ 76.22
Budgeted Surplus	\$ -	\$ (1,034,325)	\$ (3.44)		\$ -
Funding Adjustments	\$ (1,032,092)	\$ (1,032,092)	\$ (3.43)		
<b>Total Revenue Offset</b>	<b>\$ 1,132,508</b>	<b>\$ (1,633,817)</b>	<b>\$ (5.43)</b>	<b>\$ 1,732,000</b>	<b>\$ 105.61</b>
<b>Net Expenses</b>	<b>\$ 56,519,439</b>	<b>\$ 53,523,083</b>	<b>\$ 177.96</b>	<b>\$ 2,996,178</b>	<b>\$ 182.69</b>

## Member Council Gate Fees (continued)

## TONNAGE CALCULATION

			Projected Actual	Budget	Estimated Tonnage	Rate / Tonne	Estimated Revenue
			2016/2017 Tonnage	2016/2017 Tonnage	2017/2018 Tonnage	2017/2018 \$	Revenue \$
<b>Processable Waste Tonnage</b>							
Perth	01		13,500	13,500	13,500	174.00	2,349,000
Stirling	02		43,525	41,750	43,000	174.00	7,482,000
Wanneroo	03		58,324	61,000	60,656	174.00	10,554,144
Cambridge	04		7,500	7,500	6,500	174.00	1,131,000
Vincent	05		13,500	13,400	12,900	174.00	2,244,600
Victoria Park	06		14,500	14,500	14,500	174.00	2,523,000
Joondalup	07		52,597	54,000	53,418	174.00	9,294,732
<b>Total</b>			<b>203,446</b>	<b>205,650</b>	<b>204,474</b>		<b>35,578,476</b>
<b>Non Processable Waste Tonnage</b>							
Perth	01		120	100	100	174.00	17,400
Stirling	02		25,000	37,660	31,116	174.00	5,414,184
Wanneroo	03		16,514	13,000	9,700	174.00	1,687,800
Cambridge	04		1,200	1,200	1,200	174.00	208,800
Vincent	05		1,800	1,800	1,700	174.00	295,800
Victoria Park	06		2,000	2,000	2,000	174.00	348,000
Joondalup	07		1,800	11,500	1,800	174.00	313,200
			<b>48,434</b>	<b>67,260</b>	<b>47,616</b>		<b>8,285,184</b>
<b>Residues</b>							
Stirling Baled Residue			0	0	0		-
Wanneroo WRC			0	0	0	174.00	-
<b>Total Other Residues</b>			<b>0</b>	<b>0</b>	<b>0</b>		<b>-</b>
<b>Total Member Council Tonnes/Charges</b>			<b>251,880</b>	<b>272,910</b>	<b>252,090</b>		<b>43,863,660</b>
<b>Other Non Member Councils</b>							
South Perth	09		0	0	0	0.00	-
Other			0	0			
<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>		<b>-</b>
<b>Casual and Trade</b>							
Casuals			13,100	13,100	13,100	190.91	2,500,921
Trade			3,300	3,300	3,300	190.91	630,003
			<b>16,400</b>	<b>16,400</b>	<b>16,400</b>		<b>3,130,924</b>
<b>Total Waste Delivered to MRC</b>			<b>268,280</b>	<b>289,310</b>	<b>268,490</b>		<b>46,994,584</b>
Tonnes delivered to RRF			(100,000)	(100,000)	(100,000)		
RRF Residues from RRF to Tamala Park			48,700	48,700	48,700	174.00	8,473,800
Tonnes delivered to WMRC					(18,500)		
WMRC Residues to Tamala Park					18,500	174.00	3,219,000
<b>Total Waste Delivered to Tamala Park</b>			<b>216,980</b>	<b>238,010</b>	<b>217,190</b>		
<b>Total Waste Delivered to RRF</b>			<b>100,000</b>	<b>100,000</b>	<b>100,000</b>		

**Member Council Gate Fees (continued)****Funding Adjustments****Plus: Non Cash Items**

Depreciation	1,808,604
Amortisation and Accretion Expenses (Tamala and RRF) #	3,635,329
Loss on Sale of Assets	3,792
(Profit on Sale of Assets)	(18,785)
	<b>5,428,940</b>

**Plus: Funding Sources (ex operations funded by reserve)**

Loans	6,000,000
Transfers from Reserve	6,536,048
Sale of Assets	468,482
Council Contributions (Neerabup Land)	73,827
	<b>13,078,357</b>

**Less: Capital Program**

Capital Expenditure	12,536,048
Repayment of Debt Principal - Landfill	-
Repayment of Debt Principal - Land & RRF	136,803
Transfers to Reserve	6,866,538
	<b>19,539,389</b>

**Net Funding Adjustments****(1,032,092)****# Break up cost of Amortisation and Accretion Expenses**

Amortisation for Cell Development	1,750,600
Capping Accretion Expense	282,449
Amortisation Charge on Decommissioning Asset	776,843
Post Closure Accretion Expense	334,089
Amortisation RRF	491,348
	<b>3,635,329</b>

MINDARIE REGIONAL COUNCIL  
NOTES TO AND FORMING PART OF THE BUDGET  
For the year ending 30 June 2018

**SCHEDULE OF FEES AND CHARGES – 2017/2018**

	Actual Fee 2018 (incl. GST)	Actual Fee 2017 (incl. GST)
<b>GENERAL ENTRY</b>		
1. Minimum entry to site	\$17.00	\$16.00
2. General waste – price per tonne	\$210.00	\$200.00
<b>SPECIFIED MATERIALS</b>		
3. Asbestos – price per tonne	\$250.00	\$215.00
4. Mattresses – per item <i>(in addition to general entry rate where part of a mixed load)</i>	\$25.00	\$24.00
5. Tyres – price per tonne	\$355.00	\$355.00
6. Small animals – per animal	\$17.00	\$16.00
7. Large animals – per animal	\$35.00	\$30.00
8. Controlled waste – per tonne	\$240.00	\$230.00
9. Lightweight bulk material – per cubic metre	\$80.00	\$80.00
10. Special burials – per 5 cubic metres <i>(in addition to general entry rate)</i>	\$240.00	\$230.00
11. Odorous loads – price per tonne	\$240.00	\$230.00
12. Car gas cylinders/industrial gas cylinders – per item	\$65.00	\$60.00
13. Fluorescent tubes – commercial loads – per item	\$0.40	\$0.40
14. Clean green waste – price per tonne	\$80.00	\$75.00
<b>PENALTY CHARGES</b>		
15. Replacement of Drive Control Station cards	\$60.00	\$60.00
16. Replacement of gate access remotes	\$160.00	\$160.00
17. Tipping with no payment (drive-aways)	\$110.00	\$110.00
18. Clean up charge (per half hour) plus any 3 <sup>rd</sup> party costs	\$150.00	\$150.00
<b>WEIGHBRIDGE UNAVAILABILITY</b>		
19. Uncompacted waste – per axle	\$45.00	\$45.00
20. Compacted waste – per axle	\$90.00	\$90.00
<b>FACILITY HIRE &amp; SERVICES</b>		
21. Conference facilities – per hour <i>(at management's discretion, subject to availability)</i>	-	\$175.00
22. Specific project/service requests from member councils	<i>Cost pass through basis</i>	

**DISCOUNTS**

Discounts may be granted at the discretion of the Chief Executive Officer.

**SCHEDULE 1 - MODIFIED PENALTIES**

<b>Item #</b>	<b>Clause</b>	<b>Nature of offence</b>	<b>Modified Penalty 2018 (incl. GST)</b>
1	7	Enter the site or any part of the site that is closed or drive a vehicle on a road, track or path that is closed.	\$200.00
2	8	Enter the site other than through an entrance without permission.	\$200.00
3	11(1)(a)	Park a vehicle, or cause to permit it to be parked, on the site without permission in a place, other than a parking area, that is off a carriageway.	\$100.00
4	11(1)(b)	Park a vehicle, or cause or permit it to be parked, on the site without permission on part of a carriageway, if the parking of vehicles on that part of the carriageway is prohibited by a traffic sign.	\$100.00
5	11(1)(c)	Park a vehicle, or cause or permit it to be parked, on the site without permission during a period when the person is not on the site, whether or not the vehicle is parked in a parking area.	\$100.00
6	11(1)(d)	Park a vehicle, or cause or permit it to be parked, on the site without permission in a place that is marked with parking bays, unless it is entirely within the confines of a parking bay.	\$100.00
7	11(1)(e)	Park a vehicle or vehicles in an area designated for a person or persons with a disability, unless the person or persons with the disability is the driver of, or a passenger in, the vehicle and an ACROD sticker is displayed in a prominent position on the vehicle.	\$100.00
8	13(2)	Damage, destroy or take away flora without permission.	\$200.00
9	14(2)	Injure, take or interfere with any fauna without permission.	\$200.00
10	16(2)	Deposit litter other than in a litter receptacle.	\$100.00
11	20(a)	Place any notice, advertisement or document on any structure, object or natural surface on the site without permission.	\$100.00
12	20(b)	Paint, mark or deface any structure, object or natural surface on the site without permission.	\$100.00
13	21	Light a fire or use a gas barbecue or other cooker without permission.	\$200.00
14	24(1)	Disturb or remove property from the site without permission.	\$200.00

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**ECU Scholarship Application**

Item  
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APPENDIX NO. 8

Item  
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## Expression of Interest: Scholarships to Support Industry Engagement PhD Projects

**NOTE: To be completed by ECU academic staff**

### PROJECT DETAILS

*Project Title* (Up to 20 words)

**Vetiver Biofiltration System for the Treatment of Landfill Leachate**

*Project Summary* (In approximately 100 words summarise aims, significance and expected outcomes)

Leachate is a highly toxic wastewater on landfill site. This project aims to study the use of a novel biofiltration system (Vetiver System) to reduce the volume of, and pollutant concentrations in, several synthetic and real leachates. Specific objectives include: (a) quantifying the loading-removal relations of major pollutants (e.g. COD, SS, NH<sub>4</sub>-N, TN, TP and selected heavy metals) in pilot-scale Vetiver cells of various configurations and operating modes, (b) understanding the evapotranspiration ability of Vetiver grass (*Chrysopogon Zizanioides*) in the Greater Perth region, and (c) obtaining preliminary evidence of the stability/reliability of the proposed system for leachate treatment. Expected outcomes include: (a) data to demonstrate the pollutant removal and volume reduction efficiencies of the proposed system, and (b) new knowledge or enhanced understanding of the mechanisms of pollutant removal from the leachate.

*Research Impact:* (Consider potential economic, social, environmental and cultural benefits)

Through this project, various stakeholders (including several participating landfill operators and the Landfill Working Group of Waste Management Association of Australia) can have confidence in adapting a bio-engineering technology that has the potential to solve a long standing problem with landfill leachate disposal. The project is likely to provide a stepping stone for the proposed wastewater treatment system to be adapted in multiple other environmentally beneficial and cost effective bio-engineering applications, which may create local jobs in system design, construction and maintenance, as well as the cultivation of Vetiver Grass and cottage industries that use harvested products.

*Alignment with ECU's Research Strengths* (Describe how this projects aligns with ECU's Research Strengths)

This research is aligned to ECU research priorities in the areas of Engineering, and Environment and Sustainability. Landfill leachates pose a serious pollution threat to various waterways, in particular the groundwater and surface waters close to aged landfill sites, where the sealing of landfills may not be designed based on modern criteria. Vetiver grass biofiltration system is a green (primarily due to its lower energy consumption per m<sup>3</sup> of water treatment) pollutant control technology. This project has the potential of demonstrating the viability and reliability of the system to substantially reduce the concentrations of major pollutants (in terms of organics, nitrogen, phosphorus and heavy metals) while reducing the volume of the leachate. Publications resulted from this research can potentially place ECU at a national leading position of applying this technology on landfill sites and other bio-engineering applications. This project may also be compatible with the research interests in the School of Science (such as studies on the remediation of acid mine drainages and rehabilitation of closed mine sites) at ECU.

### CONTRIBUTION FROM PARTNER ORGANISATION

*What is the proposed financial contribution from the Partner Organisation for the project? (Detail can be confirmed once the EoI is accepted)*

Organisation	Amount of Cash Support Committed (in AU\$, excl. GST)
Cockburn City Council	7000 (\$2000 per year for 3.5 years)
City of Rockingham	7000 (\$2000 per year for 3.5 years)
Cleanaway (Banksia Road Landfill)	7000 (\$2000 per year for 3.5 years)
Eastern Metropolitan Regional Council (Redhill)	7000 (\$2000 per year for 3.5 years)
Instant waste (Opal Vale - Toodyay)	7000 (\$2000 per year for 3.5 years)
Mindarie Regional Council	7000 (\$2000 per year for 3.5 years)
City of Busselton	6000 (\$2000 per year for 3 years)
Landfill Working Group, Waste Management Association of Australia	0 (In-kind only)

Do not include GST. (If your financial contribution does not state GST exclusive, the University must deduct the GST component from the overall financial contribution).

Note: Financial contributions can be used to support: Scholarship top-ups, research funds, travel or other activities related to the Industry PhD project.

*What in-kind support will the Partner Organisation be providing for the project? E.g. access to equipment, desk space, IT services etc.*

The Chairman of Landfill Working Group of Waste Management Association of Australia (WMAA), Mr Ian Watkins, will join the supervisor panel of the PhD student, as the industry supervisor. Hence, the contribution of WMAA to this project will be in-kind, with time commitment by Mr Watkins to be around 0.025FTE (i.e. 1.75 hour per week).

In approximately 100 words provide specifics on the role of the external partner and how they will participate over the course of the PhD project.

Landfill Operators:

- Being the co-sponsors, together with Edith Cowan University, of this research project.
- If circumstances allow, the landfill operators<sup>1</sup> will provide existing technical data and allow the collection of leachate as necessary for site specific research and laboratory experiments.
- Landfill operators interested in running an onsite trial of the proposed leachate treatment system in the third year of this project will pay expenses associated with system setup and relevant utility cost on its site.

WMAA:

- Mr Watkins will facilitate meetings between ECU and major stakeholders (WMAA and the landfill operators), to provide progress update to the stakeholders. Mr Watkins may also assist disseminate the results of this project to other organizations in Australian Waste Management industry.

<sup>1</sup> Data specific to individual mine sites may be reported anomalously if stakeholders prefer to maintain commercial confidentiality.

Outline what ECU can offer the funding organisation in return (e.g. annual updates of the progress of the research, report at end of the project, presentation to Industry Partner Organisation, and acknowledgement of contribution in publications).

ECU's contributions to this project include the following.

- Time commitment up to 0.1FTE by the two supervisors (G. Sun 0.05FTE, M. Khiadani 0.05FTE) to supervise a full-time PhD student (Simeon Kendall)
- Fund to top up the stipend of the PhD student to \$28000 per annual for up to 3.5 years.
- Allocation of a total lab space of around 30 m<sup>2</sup> for experiments to be conducted on ECU campus.
- Use of ECU analytical facilities to a value of \$4500 over course of project.
- Travel allowance of \$1500 over course of project.
- Full-time use of various analytical instruments for analyzing the leachate.

The PhD student (Simeon) and ECU supervisors will provide annual updates to the industrial partners of this project. In addition, partners will either be the co-authors (depending on the extent of intellectual contribution) or acknowledged in all scientific publications resulted from this project.

#### PROPOSED SUPERVISOR/S

(Include proposed industry supervisory arrangements. Repeat boxes as needed.)

Full name: Guangzhi Sun

Title: Associate Professor

School/Research Centre/Industry Partner: Engineering

Email: [g.sun@ecu.edu.au](mailto:g.sun@ecu.edu.au)

Contact Phone Number: 08 63045423

Principal supervisor ☒

Co-supervisor ☐

Full name: Mehdi Khiadani

Title: Associate Professor

School/Research Centre/Industry Partner: Engineering

Email: [m.khiadani@ecu.edu.au](mailto:m.khiadani@ecu.edu.au)

Contact Phone Number: 08 63045825

Principal supervisor ☐

Co-supervisor ☒

#### Industry Advisor Information

Full name: Ian Watkins

Title: Mr Dr

School/Research Centre/Industry Partner: Landfill Working Group, Waste Management Association of Australia  
Vetiver Network International, Director of Asia and Pacific,

Email: [iwatkins@iwprojects.com.au](mailto:iwatkins@iwprojects.com.au)

Contact Phone Number: 0402 909 291

Principal supervisor ☐

Co-supervisor ☒

#### INDUSTRY PARTNER CONTACT DETAILS

Industry Name: Cockburn City Council

ABN: 27 471 341 209

Contact Person Full name: Lyall Davieson

Contact Person Title: Mr

Email: [ldavieson@cockburn.wa.giv.au](mailto:ldavieson@cockburn.wa.giv.au)

Contact Phone Number: 08 94113565

Industry Name: City of Rockingham

ABN: 63 101 842 180

Contact Person Full name: Sally Carlton

Contact Person Title: Ms

Email: [sally.carlton@rockingham.wa.gov.au](mailto:sally.carlton@rockingham.wa.gov.au)

Contact Phone Number: 08 95288552

Industry Name: Eastern Metropolitan Regional Council (Redhill)

ABN: 89 631 866 056

Contact Person Full name: Stephen Fitzpatrick

Contact Person Title: Mr

Email: [Stephen.Fitzpatrick@emrc.org.au](mailto:Stephen.Fitzpatrick@emrc.org.au)

Contact Phone Number: 0438 928689

Industry Name: Cleanaway (Banksia Road Landfill)

ABN:

Contact Person Full name: Edward Hood

Contact Person Title: Mr

Email: [Edward.Hood@cleanaway.com.au](mailto:Edward.Hood@cleanaway.com.au)

Contact Phone Number: 0466 375437

Industry Name: Instant Waste (Opal Vale - Toodyay)

ABN:

Contact Person Full name: Sam Mangione

Email: [sam@instantwaste.com.au](mailto:sam@instantwaste.com.au)

Contact Phone Number: 0413 628658

Industry Name: City of Busselton

ABN:

Contact Person Full name: Vitor Martins

Contact Person Title: Mr

Email: [Vitor.Martins@busselton.wa.gov.au](mailto:Vitor.Martins@busselton.wa.gov.au)

Contact Phone Number: 0407 365497

Industry Name: Mindarie Regional Council (Tamala Park)

ABN:

Contact Person Full name: Gunther Hoppe

Contact Person Title: Mr

Email: [Ghoppe@mrc.org.au](mailto:Ghoppe@mrc.org.au)

Contact Phone Number: 9306 6303

**ASSOCIATE DEAN (RESEARCH) SUPPORT**

Associate Dean (Research) support: *(Or Dean of School if ADR is on the supervisory panel for the proposed project)*

☐

Yes, I support this application

☐

No, I have reservations regarding this program

If no, please provide details:

**Name:**

**Signature:**

**Date:**

**END OF APPLICATION**

---

Completed applications can be submitted electronically.

*Send to:*

[grs\\_strategic@ecu.edu.au](mailto:grs_strategic@ecu.edu.au)

Graduate Research School

**Draft Detailed Proposal**

Item  
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APPENDIX NO. 9

Item  
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## **Vetiver System Treatment of Landfill Leachate – Project Proposal:**

“Can the Vetiver System provide (part of) an effective system for the treatment of landfill leachates in Perth and the surrounding regions?”

Prepared by Simeon Kendall

Prepared for Project Stakeholders

June 7<sup>th</sup> 2017

Status: Draft Report



# Vetiver System Treatment of Landfill Leachate – Project Proposal

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## Vetiver System Treatment of Landfill Leachate – Project Proposal

### 1 INTRODUCTION

(Kendall, 2016) provided a brief scope of work (refer **Appendix A**) for a proposed PhD research project which will ask the question:

*“Can the Vetiver System provide (part of) an effective<sup>1</sup> system for treatment of landfill leachates in Perth and the surrounding regions<sup>2</sup>?”*

Its purpose was to raise awareness of the proposed research project with potentially interested stakeholders (especially landfill operators in Perth and surrounding regions) so as to secure sufficient funding and other industry support such that high quality research is undertaken with wide potential for publication.

At this stage eight<sup>3</sup> major landfill operators in Perth and surrounding regions have committed to supporting this research project (refer **Appendix B: Table 3**), which after \$10k per annum allocation to the ECU scholarship, and along with ECU contributions towards travel expenses and analytical consumables will provide an annual budget of \$8k for 3 years with \$2k remaining for the final 6 months (refer **Appendix B: Table 4**).

A number of industry stakeholders have agreed to write letters confirming the value of and their support for this research project (refer **Appendix E**) including:

- Australian Landfill Owners Association (ALOA);
- Rob Goldfinch Consulting (Waste Water Treatment Consultant);
- Ian Watkins – CHAIRMAN of Waste Management Australia Association (WMAA) WA Landfill Working Group;
- Amazing Grass: Certified Supply of *Chrysopogon zizanioides* (Vetiver Grass).

### 2 PURPOSE

During a progress meeting held at ECU towards the end of 2016, it was agreed that:

1. A more detailed outline of proposed experiments should be prepared;
2. And the proposed experiments should be costed.

The purpose of this is to demonstrate that quality research can be undertaken within the available budget which will be of high value to project investors and have wide appeal for publication of research findings.

It should be noted that the experiments outlined in section 5 are at this stage intended to be conceptual and indicative only. It is expected that during the initial “Full Vetiver System Literature Review” stage (refer **Appendix A**) the experiments are likely to change based on review findings. This will ensure avoidance of duplicate research where existing relevant and validated research already exists.

### 3 BACKGROUND (DESCRIPTION AND PROPERTIES OF THE VETIVER SYSTEM)

The Vetiver System is dependent on Vetiver Grass (*Chrysopogon zizanioides*) that exhibits vigorous growth in Mediterranean climates. The Vetiver System has been used for the treatment and volume reduction of landfill leachate in Australia, China, Mexico, Morocco, United States and Iran (Truong, Van, and Pinnars, 2008) (Truong & Danh, 2015). This section summarises some of the key properties of Vetiver Grass that make it suitable for treatment of landfill leachate. Whilst outside the scope of this project **Appendix D** shows examples of other Vetiver System bio-engineering applications which along with using the Vetiver System for remediating high salinity area are likely to become more feasible in Western Australia as a result of this research project.

<sup>1</sup> In terms of whole lifecycle costs and benefits (including environmental benefits and regulatory compliance).

<sup>2</sup> Perth and surrounding regions has a “Mediterranean” type climate giving the research international value.

<sup>3</sup> At this draft stage two Industry Sponsors have provided a written commitment to financial support this research project. The status of all others is given in the comments column of **Table 3** in **Appendix B**. Final issue of this report will only occur once sufficient operators have committed.



Figure 1: Massive Penetrating & Deep Lacework Root System. © Paul Truong

### 3.1 Root System

Truong & Danh, 2015 report that the Vetiver System and its environmentally beneficial properties is dependent on its massive lacework root system that is abundant, complex, and extensive (Refer **Figure 1**). The root system can reach 3-4 metres in the first year of planting. In locations with high water availability, its root system will not be as deep as in drier soil. Vetiver roots are very fine with an average diameter of 0.66 mm. The horizontal spreading of lateral roots is in the range of 0.25m. The peculiarity of Vetiver's root system ensures high contact surfaces with soil particles and contaminants resulting in efficient phytoremediation. This makes it effective in removing other potential waste water contaminants such as heavy metals in addition to its nutrient uptake and volume reduction properties.

### 3.2 Tolerance to Extreme Weather Conditions

Vetiver is highly adaptable to extreme weather conditions. It can thrive and survive under prolonged drought, flood, as well as extreme hot and cold weather (Truong & Danh, 2015).

### 3.3 Longevity

Vetiver is long-lasting, with some plants known to be 60 years old ("Facts Land series: Monto vetiver grass for soil and water conservation," 2006). It can be expected that once established the Vetiver System will easily last as long as a conventional leachate treatment system.

### 3.4 Weed Potential

To reduce its weed potential, a sterile cultivar was selected from a number of vetiver cultivars available in Australia and registered as Monto Vetiver<sup>4</sup>, its release has been approved by the Environmental Protection Agency.

Vetiver is non-invasive, has no runners nor rhizomes, and only spreads by tillering. Although Vetiver flowers under certain conditions, it sets no viable seed and its sterility has been rigorously tested under climatic conditions ranging

<sup>4</sup> Throughout this report references to Vetiver refer to the Monto cultivar (*Chrysopogon Zizanioides*).

## Vetiver System Treatment of Landfill Leachate – Project Proposal

from the wet tropics of north Queensland to the temperate region of Victoria. Other varieties available in Australia do set viable seed and therefore should not be used.

Though plants and hedges are long-lasting, with some plants known to be 60 years old, they can be removed with little effort. It is sufficient to simply remove the crown with a shovel or plough blade or treat it with glyphosate herbicide, to which vetiver is very sensitive (“Facts Land series: Monto vetiver grass for soil and water conservation,” 2006).

### 3.5 Fire

Vetiver is resistant to fire when green (“Facts Land series: Monto vetiver grass for soil and water conservation,” 2006) which it is expected to be as part of a leachate treatment system. Dry vetiver grass will burn readily but it can survive severe fires and fully recover after burning because its growing point is underground (Truong & Danh, 2015).

### 3.6 Tolerance to Adverse Soil Conditions

Vetiver has a high tolerance to a wide range of extreme soil conditions, such as high and low pH, high heavy metals, high salinity, and high sodicity (Truong & Danh, 2015).

### 3.7 Nutrient Uptake Properties;

Truong & Danh, 2015 report that Vetiver Grass is superior in terms of N and P removal as compared to other grasses. Vetiver out-performs other crops and pasture plants, such as Rhodes grass, Kikuyu grass, green panic, forage sorghum, rye grass and eucalyptus trees.

Truong & Danh, 2015 report that Vetiver removed up to 740 kg N ha<sup>-1</sup> and 110 kg P ha<sup>-1</sup> over 3 months at a nutrient-rich site and 1,020 kg N ha<sup>-1</sup> and 85 kg P ha<sup>-1</sup> over 10 months at a lower nutrient site. Table 1 below shows these as an annual rate over Perth’s 32 week irrigation window given in ‘WQPN22’ 2008.

Nutrient Description	Nutrient Rich		Nutrient Poor	
	Nitrogen (N)	Phosphorous (P)	Nitrogen (N)	Phosphorous (P)
Removal Rate Given (Truong & Danh, 2015)	740kg / ha / 3 mnth	110kg / ha / 3 mnth	1020kg/ha/10 mnth	85kg / ha / 10 mnth
Removal Rate Calculated for Annual 32 Week Irrigation Window per ha	1821 kg / ha / year	270 kg / ha / year	753 kg / ha / year	62 kg / ha / year

Table 1: Data and Calculations on Vetiver System Potential Nutrient Uptake.

Plant nutrient uptake and microbial process are the two major mechanisms through which nutrient removal is achieved with synoptic relationships between the two also thought to contribute to nutrient removal (Lee, Fletcher, & Sun, 2009), (Sun, & Austin, 2007). Vetiver Grass possess highly desirable properties for both mechanisms in that it has very high biomass accumulation rates and its massive root system provides high surface area for microbial biofilm to form.

### 3.8 Project Supervision

Associate Professor Guangzhi Sun has agreed to jointly supervise this research project should it proceed. Guangzhi is the Associate Professor and Chemical Engineering program leader in the ECU School of Engineering and a Fellow of Engineers Australia. Sun is a specialist in constructed wetland wastewater treatment research including treatment of landfill leachate. **Figure 2** shows a photo of an aged leachate treated in a three stage ecological system on a municipal landfill site the UK. Ammoniacal nitrogen was significantly reduced in this system. This work was undertaken by Sun in the late 1990s; (Sun G., 2017), (Sun, 2017).



Figure 2: Results of Constructed Wetland Landfill Leachate Treatment by Guangzhi

(Sun, 2017) describes “The potential of” the proposed “system”, as “being more advanced” and “good”.

## Vetiver System Treatment of Landfill Leachate – Project Proposal

### 4 Discussion on Engineering Design

At this stage a number of research and engineering objectives have been identified:

1. Find WA seasonal nutrient uptake and volume reduction with optimised nutrients – for various VS configurations. This will provide a target for maximum efficiency that might be achieved if leachate is optimised (e.g. through pre-treatment).
2. Find the percentage contribution of the two major mechanisms (plant nutrient uptake versus microbiological process in the soil / media / VG root system) for nutrient removal.
3. Find WA seasonal nutrient uptake and volume reduction using a typical WA landfill leachate (with potential pre-treatments) for the most effective VS configurations identified in 1 above.

Engineering design considerations that may contribute to optimising the Vetiver System include:

1. Life cycle costs of the Vetiver System should be lower (ideally significantly) compared to conventional treatment system options. Some areas being considered are:
  - a. Minimising land area required (refer 4 below).
  - b. Minimise Vetiver System sizing such that capital and maintenance costs are also minimised (refer 4 below).
  - c. In the case of convention designs suitable, low cost, locally available growing media should be identified. Hydroponic designs will not require growth media which may significantly lower capital costs.
  - d. In the case of hydroponic designs identify minimum effective pipe sizing as capital costs will significantly reduce with reduced pipe size (e.g. Cost for 100mm pipe and fixing are approximately 15% of the cost of 250mm pipe and fittings<sup>5</sup>).
  - e. Floating platoons would have very low capital cost;
  - f. Ensure full maintenance costs are considered. E.g. Hydroponic designs may provide easier / automated harvesting options, including the possibility of root harvesting for producing vetiver oil – a high value product. (Finding suitable end uses for harvested vetiver grass will minimise any disposal cost and may allow further economic value (animal feed / bedding / handicrafts<sup>6</sup>) to be extracted.
  - g. The Vetiver System should be designed to minimise energy requirements. This will minimise running costs. Where a mains electrical supply is not available (often the case on some landfill sites), it may also allow for the use of a small renewable energy source at lower capital costs than extending mains electrical power.
2. Pre-treatment of leachate may include physical measures such as gross filters, settlement tanks etc. In addition the leachate may require dosing to achieve optimum conditions e.g. pH. This may require some process monitoring using sensors and a microprocessor to optimise dosing.
3. Treatment must meet Environmental Regulatory requirements. In particular effluent discharge standards and standards that minimise the risk of accidental losses prior to discharge. The system must also be reliable with fail to safe modes (e.g. too small piping is likely to lead to blockages and failures).
4. Minimising the Vetiver System land area required such that suitable treatment locations are available at participating landfills. Potential significant factors and designs that may help achieve this are:
  - a. Using pipes to grow plants hydroponically (soil-less) such that precipitation is eliminated (minimised) from the system reducing the system size. It is possible that this could be set up on capped landfills (i.e. land area with minimal economical value).
  - b. Consider effectiveness of using floating platoons on existing leachate ponds as this does not require additional land area, or may reduce the size of any complimentary system required.

<sup>5</sup> Refer Reece Plumbing quote no 228608930 dated 23/11/2016.

## Vetiver System Treatment of Landfill Leachate – Project Proposal

- c. Consider methods of maximising aeration of root system so as to maximise microbiological mechanisms and Vetiver grass growth. Examples include (1) flood and drain hydroponic systems and (2) aeration of lagoons with floating platoons.

**In summary initial engineering experiments are designed to find seasonal nutrient uptake and volume reduction for the lowest cost and smallest footprint whilst achieving reliability and environmental regulatory compliance.**

## 5 Brief Summary of Proposed “Lab” Experiments

### 5.1 Phase 1. Using Optimized Nutrient

The table below shows planned initial experiments used to measure nutrient and volume uptake in different configurations:

1. Sub surface flow configurations;
  - a. Sub surface flow (with coarse media) – Nana Bin (Tank) representing pond;
  - b. Sub surface flow (using massive root system as media) – Nana Bin (Tank) representing shallow pond;
  - c. Soil-less (NFT) - using massive root system as media – 100mm PVC pipe;
  - d. Soil-less (Flood & Drain) - using massive roots system as media) – 100mm Pipe;
  - e. Soil-less (Flood & Drain) - using massive roots system as media) – 250mm Pipe;
2. Soil-less (Flood & Drain) - using massive roots system as media) – 250mm Pipe; plant growth inhibited to measure microbiological contribution to nutrient removal;
3. Soil-less (Floating Platoon);
4. Surface flow (with “natural” soil media) – Nana Bin<sup>7</sup> (Tank) representing pond (refer Figure 7 in Appendix C);

### 5.2 Phase 2. Using Landfill Leachate (Pre-treated to remove solids and to optimise nutrient levels)

1. Sub surface flow configuration(s) based on optimised configuration established through experiments 1a-e above.
2. Soil-less (Floating Platoon) – if found to have a significant benefit;
3. Surface flow (with soil media) - refer Figure 4 in Appendix C – Contained within Nana Bin.

## 6 Project Budget

### 6.1 Estimated Phase 1 and 2 Experiment Costs

In designing experimental program it should be noted that the Vetiver System will take 6 – 9 months to establish sufficiently to collect valid results and then results will need to be collected over a one year period to obtain seasonal treatment data. To achieve all three phases within the 3.5 years all stage 1 & 2 experiments will need to be commenced during the first year within the available \$8000 budget.

Quantity	Description	Unit Cost	Total Cost
4	Nano bins	\$350	\$1400
8	Small pumps	\$20	\$260
1	Microcomputer & sensors	\$500	\$500
1	Weather Station	\$195	\$195
1	Growth Media	\$200	\$200
50	20 litre containers for transporting leachate (or bulk tank on trailer).	\$20	\$1000
1	3 year Controlled Waste Carrier Licence (potential for exemption)	\$345	\$345
1	100 mm pipe and fittings	\$100	\$200
1	250 mm pipe and fittings	\$300	\$300
1	20mm to 50 mm pipe and fittings	\$200	\$200
1	Analytical Consumables	\$2400	\$2400
1	Travel & transport of leachate	\$1000	\$1000
		<b>Total</b>	<b>\$8000.00</b>

**Table 2: Summary of Phase 1 & 2 Budget**

<sup>7</sup> Nano-bin may not provide best surface flow configuration but is sufficient for budgeting purposes.



## Vetiver System Treatment of Landfill Leachate – Project Proposal

The budget does not contain an allowance for the land required to conduct phase 1 & 2 experiments as Professor Guangi Sun has indicated these can be conducted at ECU Joondalup campus Building 27, Lab109 outdoor fenced area (refer **Figure 3**).

### 6.2 Phase 3. In-situ Pilot Study

Following completion of stages 1 and 2 it is expected that the viability of the Vetiver System for leachate treatment will be demonstrated or discounted. Assuming viability is demonstrated one of the eight participating landfill operators will be selected for a larger scale trial. This will need to be constructed at the commencement of the 3<sup>rd</sup> year when \$16,000 will be available which should allow for considerably greater focus on the most viable option(s). At this stage the landfill operator site where the pilot study is undertaken may be given the option<sup>8</sup> to contribute further as:



**Figure 3: Location for Phase 1 & 2 Experiments**

1. Substantial experimental data from stages 1 and 2 will be available meaning high probability of success;
2. The larger scale the pilot project the more valuable data collected will be and the greater the immediate benefit of treatment of landfill leachate will be.

Any pilot study will require authorisation by the DER prior to proceeding.

## 7 Conclusions

This report demonstrates that quality research of high value to project investors and with wide appeal for publication of research findings can be undertaken within the available budget if 8 landfill operators participate as expected.

<sup>8</sup> Even without any further contribution the \$16,000 available will provide for a substantial pilot study.

## Vetiver System Treatment of Landfill Leachate – Project Proposal

### 8 REFERENCES

Facts Land series: Monto vetiver grass for soil and water conservation. (2006). Queensland: Department of Natural Resources and Water.

Kendall, S. (2016, September). *Proposed WA Landfill Leachate Research PhD: Scope of Work for Industry Partners*. Western Australia.

Lee, C., Fletcher, T., & Sun, G. (2009). Nitrogen removal in constructed wetland systems. *Engineering In Life Sciences*, 9(1), 11-22. <http://dx.doi.org/10.1002/elsc.200800049>.

Sun, G., & Austin, D. (2007). Completely autotrophic nitrogen-removal over nitrite in lab-scale constructed wetlands: Evidence from a mass balance study. *Chemosphere*, 68(6), 1120-1128. <http://dx.doi.org/10.1016/j.chemosphere.2007.01.060>.

Truong, P., & Danh, L. T. (2015). *The vetiver system for improving water quality: The prevention and treatment of contaminated water and land: Second edition*. United States: Vetiver Network International.

Water Quality Protection Note 22 (WQPN22) Irrigation with Nutrient Rich Wastewater. (2008). Western Australia: Department of Water.

Sun. (2017). *ECU*. Retrieved 25 May 2017, from <https://www.ecu.edu.au/schools/engineering/staff/profiles/associate-deans/associate-professor-guangzhi-sun>

Sun, G. (2017). RE: Industry Research Support.



## Vetiver System Treatment of Landfill Leachate – Project Proposal

### Appendix A. Original “Brief” Scope of Work for Industry Partners

Figure 4 below shows page 1 of original “brief draft” Scope of Work for industry partners<sup>9</sup>. This sets the overall context<sup>10</sup> within which this more detailed budgeting, conceptual engineering design and experiments are discussed.

Proposed WA Landfill Leachate Research PhD	Scope of Work for Industry Partners																
<p><b>Introduction</b></p> <p>The Vetiver System (VS) is dependent on the sterile, non-invasive Vetiver Grass (<i>Chrysopogon Zizanioides</i>) that exhibits vigorous growth in Mediterranean to tropical climates. It was first developed by the World Bank for soil and water conservation in India in the mid 1980's. The VS is reported as being highly tolerant to extreme climatic variations (drought, flooding, and submergence), heavy metals, herbicides, pesticides, and high acidity, alkalinity and salinity. It has been used in over 100 countries in a wide range of bio-engineering applications including slope stabilisation, erosion and sediment control, constructed wetland waste water treatment, phyto-remediation of contaminated land and water remediation. The VS has been used for the treatment and volume reduction of landfill leachate in Australia, China, Mexico, Morocco, United States and Iran (Truong, Van, and Pinners, 2008) (Truong &amp; Danh, 2015).</p> <p>Percy &amp; Truong, 2005 provides details of a case study where the VS is reported as being used successfully as a treatment and volume reduction system at the Stotts Creek Landfill in Brisbane.</p> <p>Vetiver grass was imported into Western Australia from Queensland in 2007 and has been used as a volume reduction and nutrient uptake treatment at the Mindarie Regional Council's (MRC) Tamala Park Landfill truck wash facility (Kendall &amp; Goldfinch, 2008) (Kendall, 2009), and at the Shire of Waroona Septic Waste Treatment Facility (Watkins &amp; Goldfinch, 2008).</p> <p>Whilst the VS shows good potential as a cost effective landfill leachate treatment system in Western Australia, it needs to be demonstrated to interested stakeholders (e.g. Landfill operators and the Department of Environmental Regulation (DER)) that it is indeed a cost effective and environmentally acceptable solution before being widely adopted. The scope of works that follows outlines keys components of a proposed industry supported PhD research project to be undertaken by Simeon Kendall through Edith Cowan University that would aim to achieve this.</p> <p>It is expected that as the research project proceeds and the body of knowledge increases variations may be made to this scope of works in consultation with all stakeholders, such that it provides greatest value to all concerned.</p> <p><b>Scope of Works</b></p> <table border="1"> <thead> <tr> <th>Description</th> <th>Deliverable</th> </tr> </thead> <tbody> <tr> <td>Full VS literature review into landfill leachate applications (and related material) in Australia and around the world.</td> <td>Initial paper* into the potential viability/non viability of using the VS at each of the participating landfills including potential pre-treatments that may be required to achieve successful outcomes.</td> </tr> <tr> <td>Quantification of the landfill leachate (seasonal chemical and biological constituents and volumes) at participating WA landfills. This will utilise existing data where possible and where necessary additional laboratory analysis may be undertaken.</td> <td>Presentation at the annual WMAA Conference in Freemantle September 2017**.</td> </tr> <tr> <td>Identify physical characteristics of landfill sites including potential environmental impacts from leachates, seasonal climatic conditions (rainfall, temperature and evaporation), sites for constructed wetlands, and locally available construction materials.</td> <td></td> </tr> <tr> <td>Liaisons with Department of Environmental Regulation to ensure maximum likelihood of licence approvals.</td> <td></td> </tr> <tr> <td>Controlled VS laboratory experiments to measure seasonal effective of treatment and volume reduction on selected landfill leachate(s).</td> <td>Paper* on experiment outcomes including Western Australia specific design data. Presentation at the annual WMAA Conference in Freemantle September 2018**.</td> </tr> <tr> <td>On site pilot study(s) at landfills willing to finance this to verify laboratory findings.</td> <td>Paper* on pilot study(s) outcomes including Western Australia specific design data. Presentation at the annual WMAA Conference in Freemantle September 2019**.</td> </tr> <tr> <td></td> <td>Final thesis completed (March 2020).</td> </tr> </tbody> </table> <p>* Data specific to individual landfill may be reported anomalously if stakeholders prefer to maintain commercial confidentiality.  ** Presentations subject to industry funding of WMAA Conference presenter costs.</p> <p>Simeon Kendall <span style="float: right;">Page 1 of 2</span> <span style="float: right;">07/11/2016</span></p>		Description	Deliverable	Full VS literature review into landfill leachate applications (and related material) in Australia and around the world.	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Figure 4: Original "Brief" Scope of Work for Industry Partners

<sup>9</sup> For brevity page 2 which contains references is not included here.

<sup>10</sup> It should be noted that the dates given were based on an earlier start date and will be realigned to the end of year 1, 2, 3 and 3.5 from which the project actually commences.

# Vetiver System Treatment of Landfill Leachate – Project Proposal

## Appendix B. Industry Financial Support

Landfill Operator	Contact Details				Comments
	Name	Position	Phone no.	Email	
1. City of Busselton	Vitor Martins	Manager Waste and Fleet Services	0407 365 497	<a href="mailto:Vitor.Martins@busselton.wa.gov.au">Vitor.Martins@busselton.wa.gov.au</a>	Contributing \$6000 over 3 years – awaiting written agreement
2. City of Rockingham	Sally Carlton	Landfill Manager	9528 8552	<a href="mailto:sally.carlton@rockingham.wa.gov.au">sally.carlton@rockingham.wa.gov.au</a>	Contributing \$7000 over 3.5 years – awaiting final approvals, and signed written agreement.
3. Cleanaway (Banksia Road Landfill)	Edward Hood	Head of Engineering and Compliance	0466 375 437	<a href="mailto:Edward.Hood@cleanaway.com.au">Edward.Hood@cleanaway.com.au</a>	Contributing \$7000 over 3.5 years – awaiting final approvals, and signed written agreement.
4. Cockburn City Council	Lyall Davieson	Manager Waste Services	9411 3565	<a href="mailto:ldavieson@cockburn.wa.gov.au">ldavieson@cockburn.wa.gov.au</a>	<b>Signed written commitment received. Contributing \$7000 over 3.5 years</b>
5. Eastern Metropolitan Regional Council (Redhill)	Stephen Fitzpatrick	Director Waste Services	0438 928 689	<a href="mailto:Stephen.Fitzpatrick@emrc.org.au">Stephen.Fitzpatrick@emrc.org.au</a>	Contributing \$7000 over 3.5 years – awaiting signed written agreement
7. Mindarie Regional Council (Tamala Park) <sup>11</sup>	Gunther Hoppe	Acting Chief Executive Officer	9306 6303	<a href="mailto:Ghoppe@mrc.org.au">Ghoppe@mrc.org.au</a>	Contributing \$7000 over 3.5 years (“Due Process Concerns” met by LFWG). Review by WMAA. Final approval required at Council Meeting 06/07/2017.
8. Suez (North Banister)	Craig Barker	State Infrastructure Manager	0408 633 684	<a href="mailto:craig.barker@suez.com">craig.barker@suez.com</a>	Contributing \$7000 over years – awaiting final approvals, and signed written agreement.
9. City of Armadale	Johan Le Roux	Manager Waste Services	0417 180 045	<a href="mailto:jleroux@armadale.wa.gov.au">jleroux@armadale.wa.gov.au</a>	Contributing \$7000 over 3.5 years. Subject to minor changes to terms and conditions.
6. Instant waste (Opal Vale - Toodyay)	Sam Mangione	Director	0413 628 658	<a href="mailto:sam@instantwaste.com.au">sam@instantwaste.com.au</a>	Contributing \$7000 over 3.5 years. Subject to Landfill Licence approval currently pending.
10. City of Mandurah	Kyle Boardman	Coordinator Waste Management	9550 3777	<a href="mailto:Kyle.boardman@mandurah.wa.gov.au">Kyle.boardman@mandurah.wa.gov.au</a>	Expressed interested in contributing \$7k 3.5 years Subject to Tims Thicket upgrade DER approvals.

Table 3: Landfill Operators Committed to Providing \$55K of Financial support over 3.5 Years<sup>11</sup>.

Item Description	Total	Commencement of Year			
		1	2	3	3.5
Seven landfill operators contributing 7k each	\$49,000	\$14,000	\$14,000	\$14,000	\$7,000
One landfill operators contributing 6k	\$6,000	\$2,000	\$2,000	\$2,000	-
Industry contribution to ECU scholarship	<b>(-\$35,000)</b>	<b>(-\$10,000)</b>	<b>(-\$10,000)</b>	<b>(-\$10,000)</b>	<b>(-\$5,000)</b>
<b>(Sub Total) Experiment Setups</b>	<b>\$20,000</b>	<b>\$6,000</b>	<b>\$6,000</b>	<b>\$6,000</b>	<b>\$2,000</b>
ECU research allowance - Water quality analysis cost	\$4,500	\$1,500	\$1,500	\$1,500	-
ECU research allowance – School of Engineering Car Travel	\$1,500	\$500	\$500	\$500	-
<b>Total</b>	<b>\$26,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$2,000</b>

Table 4: Net Minimum Funds Remaining for Research Expenses.

<sup>11</sup> Whilst the Tims Thicket Septic Treatment Tertiary Treatment Vetiver system falls outside the landfill leachate scope, it would potentially provide useful related nutrient / volume reduction data from a full size 0.11 ha “surface flow irrigation to planted area” configured Vetiver System (refer **Figure 7** in **Appendix C**).



## Vetiver System Treatment of Landfill Leachate – Project Proposal

### Appendix C. Figures: Landfill Leachate / Wastewater Treatment using the Vetiver System.

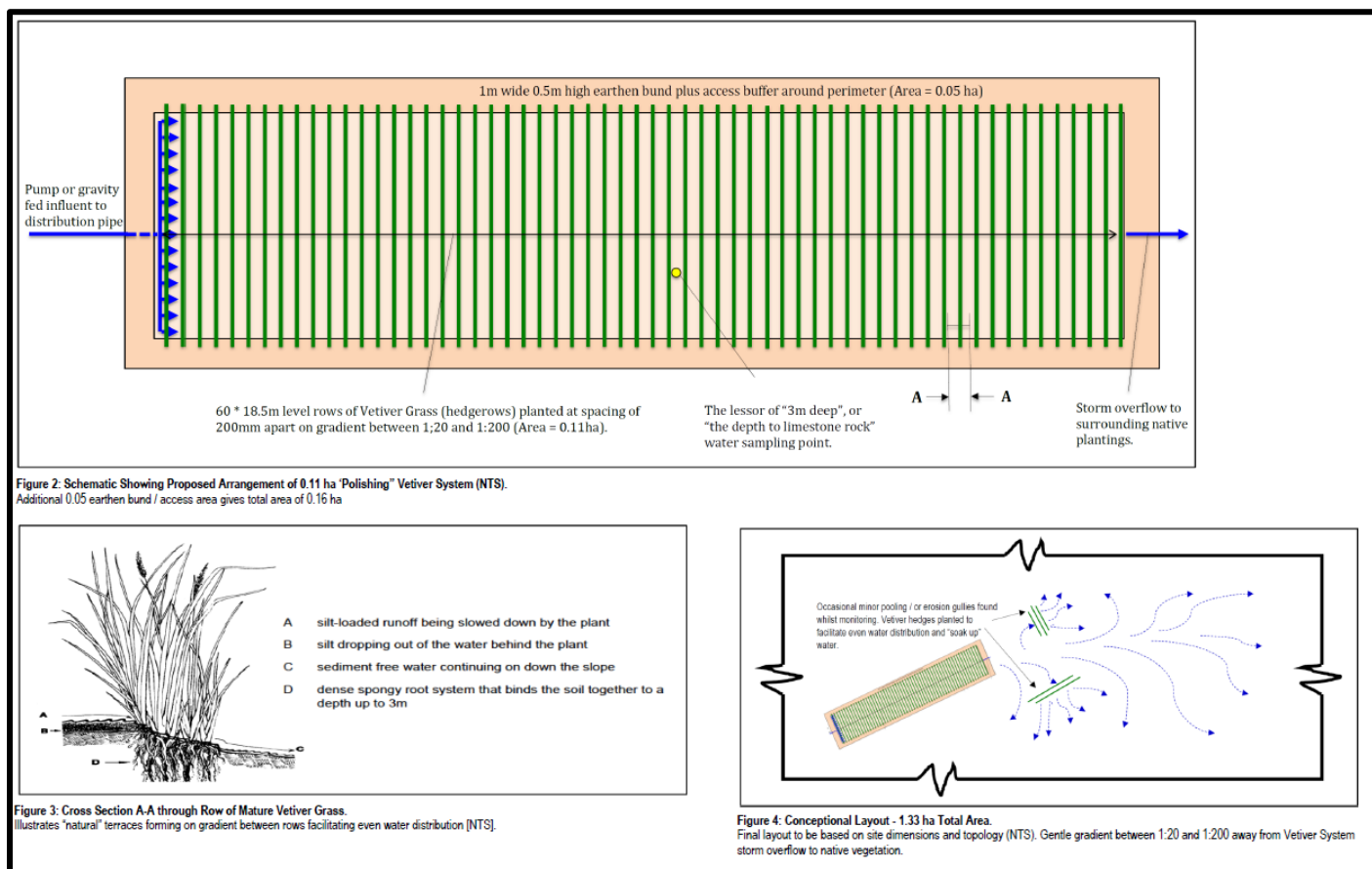


Figure 5: MRC (WA) Truck Wash Effluent Vetiver System (Sub-surface Flow) – Approximately 3 Months Growth from VG slips

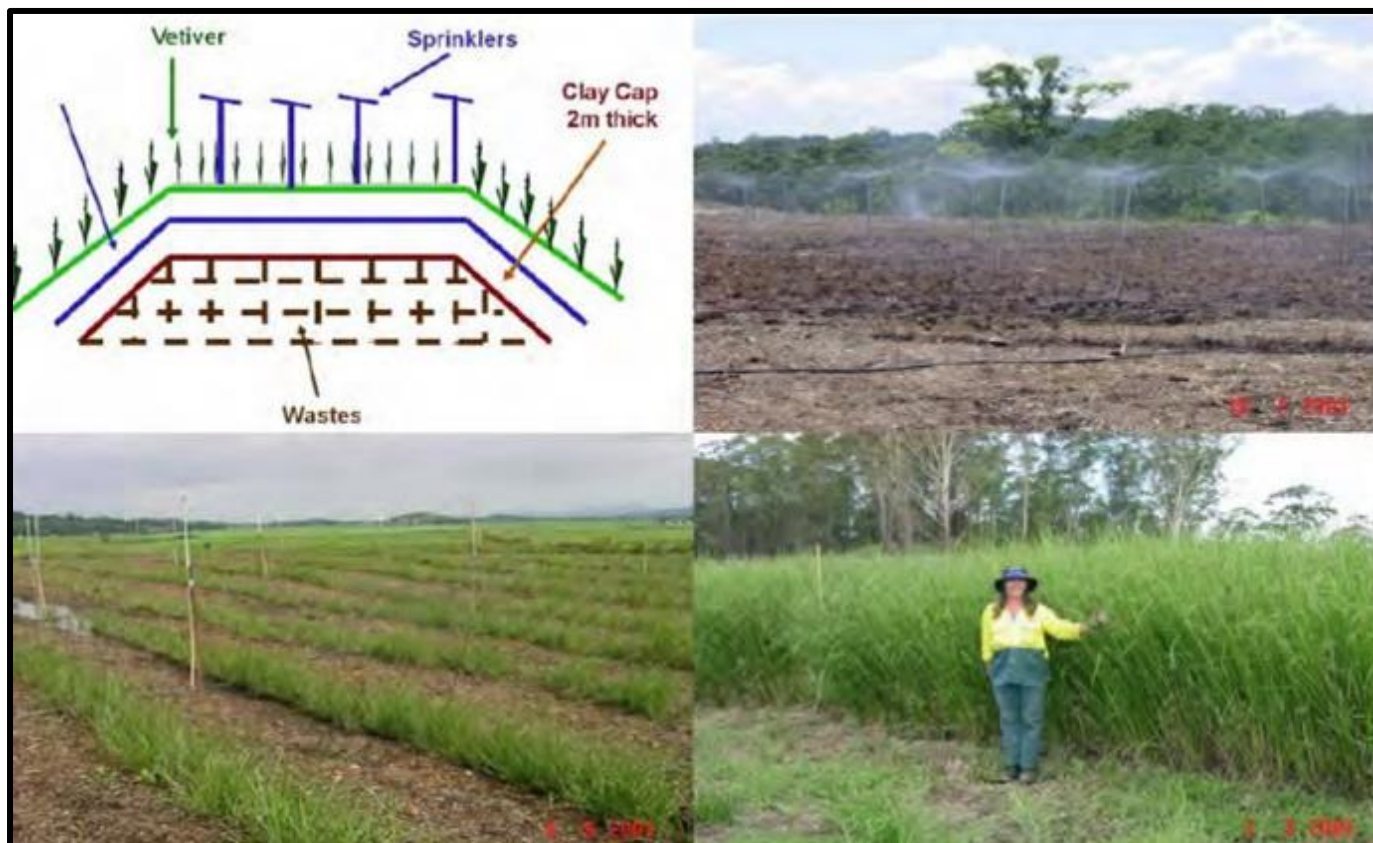


Figure 6: Shire of Waroona (WA) Septic Treatment Plant Vetiver System (Subsurface "Flood and Drain" Irrigation). At the time of this photo the system was being operated poorly – hence dried out VG failing to function effectively.

# Vetiver System Treatment of Landfill Leachate – Project Proposal



**Figure 7: Proposed City of Mandurah (WA) Tim Thicket Septic Treatment Plant Upgrade currently awaiting environmental approvals. Final disposal by "surface flow irrigation to planted area".**



**Figure 8: Stott Creek (NSW) Landfill Leachate Treatment Using Overhead Sprinkler Vetiver System on Landfill Capping.** © Paul Truong



# Vetiver System Treatment of Landfill Leachate – Project Proposal



Figure 9: Guangdong Province (China). Vetiver System Used to Control Leachate seepage from closed landfill. Before (Top), After (Bottom). © Paul Truong



Figure 10: Australia: Industrial Wastewater Treatment Using Vetiver Floating Pontoons



## Vetiver System Treatment of Landfill Leachate – Project Proposal

### Appendix D. Figures: Other Vetiver System Bio-Engineering Applications.



Figure 11: Vetiver System Dam Construction may provide significant financial and environmental benefits over more typical hard concrete engineering. © Paul Truong



Figure 12: Vetiver System Erosion Control (Before and After). © Paul Truong



Figure 13: Vetiver System used for Sediment Traps (cross-channel), and Bank Stabilization (along channel banks). © Paul Truong  
Simeon Kendall



Figure 14: Vetiver System Roots Held up this Wall against Active Erosion © Paul Truong



# Vetiver System Treatment of Landfill Leachate – Project Proposal

## Appendix E. INDUSTRY LETTERS OF SUPPORT

### 8.1 WMAA Landfill Working Group: Letter Confirm Eight Landfill Operators providing \$55k Over 3.5 Years

Cockburn City Council  
PO Box 1215  
Bibra Lake DC  
Western Australia 6965  
24<sup>th</sup> May 2017

Professor Margaret Jones  
Director, Office of Research and Innovation  
270 Joondalup Drive, JOONDALUP WA 6027  
Phone Number: +61 8 6304 5401  
Email: [research-contracts@ecu.edu.au](mailto:research-contracts@ecu.edu.au)

Dear Professor Jones

**RE: Financial Support for “Vetiver System Treatment of Landfill Leachate” PhD Research Project**

Please accept this letter as a formal commitment by Cockburn City Council to financially support the above research project proposed by Simeon Kendall in accordance with the schedule given in the table below.

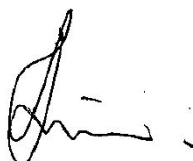
Research Year	Invoice Month	Invoice Amount (Exc. GST)
Year 1	July 2017	\$2000.00
Year 2	July 2018	\$2000.00
Year 3	July 2019	\$2000.00
Year 3.5	July 2020	\$1000.00

This commitment is given subject to:

1. ECU standard conditions set out in “Standard Industry Engagement PhD Scholarship Agreement - ECU Industry Partners”.
2. Commitment from six other industry sponsors to also financially support this research project (i.e. commitment by seven industry sponsors including Cockburn City Council).

In accordance with the above please invoice our accounts department at the above address amounts as amounts become due.

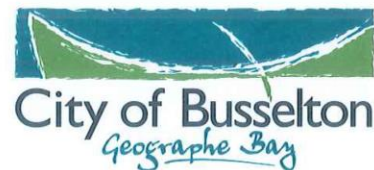
Yours sincerely



Lyall Davieson  
**Waste Manager**  
[ldavieson@cockburn.wa.gov.au](mailto:ldavieson@cockburn.wa.gov.au)  
9411 3565



## Vetiver System Treatment of Landfill Leachate – Project Proposal



24 May 2017

Professor Margaret Jones  
 Director, Office of Research and Innovation  
 270 Joondalup Drive  
 JOONDALUP WA 6027

Phone Number: +61 8 6304 5401  
 Email: [research-contracts@ecu.edu.au](mailto:research-contracts@ecu.edu.au)

Dear Professor Jones

**RE: Financial Support for "Vetiver System Treatment of Landfill Leachate" PhD Research Project**

Please accept this letter as a formal commitment by City of Busselton to financially support the above research project proposed by Simeon Kendall in accordance with the schedule given in the table below.

Research Year	Invoice Month	Invoice Amount (Exc. GST)
Year 1	July 2017	\$2000.00
Year 2	July 2018	\$2000.00
Year 3	July 2019	\$2000.00

This commitment is given subject to:

1. ECU standard conditions set out in "Standard Industry Engagement PhD Scholarship Agreement - ECU Industry Partners".
2. Commitment from six other industry sponsors to also financially support this research project to the same level as City of Busselton (i.e. commitment by seven industry sponsors including Busselton).

In accordance with the above please invoice our accounts department at the above address amounts as amounts become due.

Yours sincerely

Oliver Darby  
 DIRECTOR, ENGINEERING AND WORKS SERVICES  
[Oliver.Darby@busselton.wa.gov.au](mailto:Oliver.Darby@busselton.wa.gov.au)

*Events Capital of Regional WA*

All communications to: The Chief Executive Officer, Locked Bag 1 Busselton WA 6280  
 Tel: (08) 9781 0444 Fax: (08) 9752 4958 Email: [city@busselton.wa.gov.au](mailto:city@busselton.wa.gov.au) [www.busselton.wa.gov.au](http://www.busselton.wa.gov.au)

## Vetiver System Treatment of Landfill Leachate – Project Proposal

### 8.2 Rob Goldfinch Consulting (Waste Water Treatment Consultant);

#### **ROB GOLDFINCH CONSULTING**

Email: [robgold@iinet.net.au](mailto:robgold@iinet.net.au)

ABN 19 622 308 082

**24A THE PROMENADE,**

**MOUNT PLEASANT, WA 6153**

phone: 089 364 1676 or 0409 516 218

#### **Statement in support of an application by Simeon Kendall for funding for a PhD research project on the Suitability and Optimal Use of Vetiver Grass in Landfill Leachate Treatment**

In 2004 Rob Goldfinch Consulting (RGC) was appointed by Mindarie Regional Council to review an existing disposal system for washout effluent from municipal solid waste vehicles at the Tamala Park Landfill site. The existing system was clearly unable to cope with effluent produced from the rapidly expanding landfill. RGC proposed an effluent pre-treatment system consisting of screening and primary settling tanks, to be followed by a proprietary in-ground bauxite residue filled infiltration basin (Ecomax system), which MRC duly installed.

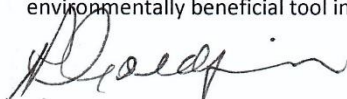
By mid-2007 the system was becoming stressed primarily due to rapidly increasing flow rates from the truck wash facility and MRC engaged RGC to design an upgraded system with additional capacity. At this time **Simeon Kendall** (SK) was working for MRC as an environmental health officer, with responsibility for reviewing various aspects of landfill operation, including effluent management from the truck wash facility. SK had been researching Vetiver grass, which had been used in Queensland as a tool in land-based bioremediation of sewage plant effluent. He proposed that RGC investigate its implementation in the upgrade works.

RGC designed a system capable of managing a daily flow of 15,000L that included a larger primary sedimentation tank and a 200m<sup>2</sup> vetiver grass bed situated between the primary tank and the existing Ecomax infiltration basin. The vetiver bed was designed with an impervious base, to allow any effluent not taken up by the plants to flow into the Ecomax basin. MRC accepted the design and commissioned RGC to project-manage its installation. The system was the first of its kind to be installed in Western Australia.

Prior to construction of the facility SK managed to procure a quantity of Monto cultivar Vetiver shoots from a supplier in Queensland and set up a nursery to propagate plants for use in the upgraded facility. Construction was completed in the winter of 2008 and SK arranged the planting of the grass shoots in rows within the vetiver bed. After an initial period during which the grass plants struggled to establish in the cold weather, they took hold and increased substantially in both root mass and leaf volume, to significantly reduce the hydraulic and nutrient load on the downstream Ecomax system. The system was continuously monitored by SK, who implemented some modifications to improve subsurface effluent flow through the vetiver bed.

He has successfully pioneered and observed the effective use of the grass mono-cultivar in Western Australia in treating an effluent typically several times more concentrated in organic contaminants than domestic sewage. He has a strong interest in investigating and optimising applications of vetiver systems for other biological effluents.

In view of his proven experience in this field, I consider SK to be a well-qualified candidate for post-graduate research into the feasibility and development of vetiver grass as an environmentally beneficial tool in the treatment of municipal landfill leachate.



Rob Goldfinch CPEng, MIEAust  
Principal

May 2017

### 8.3 Letter of Support Amazing Grass: Supply of Certified Vetiver Grass (*Chrysopogon zizanioides*).



15<sup>th</sup> December 2016

To Whom It May Concern

**Supply of Certified *Chrysopogon zizanioides* (Vetiver Grass) for PhD research Project**

We are the original importers of certified *Chrysopogon zizanioides* (Vetiver Grass) to Western Australia in 2007. Since then we have established a small nursery for the propagation of Vetiver Grass for use in Vetiver System projects in WA.

This is to advise that we are highly supportive of the research project into the use of the Vetiver System for treatment of Landfill leachate. As such we are willing to make in-kind contribution of certified *Chrysopogon zizanioides* (Vetiver Grass) slips as necessary for laboratory and pilot studies should this research project proceed to the value of \$2000/annum (1000 slips).

Yours sincerely

Simeon Kendall

**Director**

Tel: 0410 963 225 | Fax: 08 9301 4962  
 Web: hseControl.com.au | Email: enquiries@hseControl.com.au  
 A.C.N: 129 195 553 | A.B.N: 78 129 195 553 | 3 Coliban Grove, Joondalup, WA, 6027

