FINANCIAL ANALYSIS OF SWITCHING TO ORCA TO PROCESS ORGANIC WASTE

CURRENT MONTHLY DIPSOSAL COST

	DISPOSAL COSTS	
1	Tipping Fees	$ 6,250
2	Hauling Fees	
3	Fuel Surcharges	
4	Other Charges	$ -
5	**TOTAL MONTHLY COSTS**	$ 6,250
6	Total Weight in Tonnes	60
7	**COST PER TONNE**	$ 104.17
8	% of Organics In Garbage	33%
9	Total Organic Weight Targeted For Capture / Month	19.8
19	**SAVINGS PER TONNE**	$ 30.48
20	**SAVINGS PER MONTH**	$ 604
21	**SAVINGS PER YEAR**	$ 7,242

PROPOSED COSTS FOR ORCA SYSTEM

	ORCA SPECS	
10	ORCA Model	OG100
11	Potential Feeding Hours	15
12	Operating Days	7
13	Lbs Per Day To be Processed	1439

	ORCA OPERATING COSTS	
14	Monthly Equipment Cost	$ 1,350.00
15	Electrical Cost	$ 83.00
16	Water Cost	$ 26.00
17	**TOTAL ORCA MONTHLY COST**	$ 1,459.00
18	**COST PER TONNE**	$ 73.69

Legend:

1 Cost of landfill / transfer station fees usually reffered to as tipping fees, amount taken from monthly invoice
2 Cost of trucking away garbage, amount taken from monthly invoice
3 Amount taken from monthly invoice
4 Any other charges such as environmental, administrative, taken from monthly invoice
5 Sum of item 1 - 4
6 Taken from monthly invoice
7 5 ÷ 6
8 Assumption provided by customer or through visual audit by ORCA rep
9 6 x 8
10 Model number
11 Indicate how many working hours available for feeding
12 Working days per week
13 9 x 12 months ÷ 52 weeks ÷ 12 *2204 lbs
14 Insert price for Model specified
15 based on specif model power consumption .7 kwh for OG25 and OG50 & 1.2 kwh for OG100
16 Based on specific model water consumption multiplied by city specific water charge
17 14+15+16
18 17 ÷ 9
19 7 - 18
20 11 - 17
21 20 x 12 months