

City of Gustavus, Alaska
Disposal & Recycling Center (DRC)
Fiscal Year 2018 (July 1, 2017 - June 30, 2018)
Annual Report of Waste Processing, Income & Expenses

What the DRC Received from the Community

- 193,070 pounds of recyclable waste¹, (*exported or re-used*) 56% of total.
- 139,060 pounds of non-recyclable waste, (*placed in the mound*) 40%.
- 12,020 pounds of household hazardous waste collected and exported 3%.

Total of 344,150 pounds of waste (172 tons). Our diversion rate is 56%.

- Ash, Construction/ Demolition (C/D) waste & Sheetrock - 92 cubic yards
Ash, Sheetrock and C/D waste does not pass over the scale and is therefore not included in the above totals or in the diversion rate. The cubic yard total is uncompressed material.
- The DRC was open to the public on 155 days². Total number of days receiving waste was 243. The daily average, including appointment days, was 1,325 pounds of waste.
Max 5,867 lbs. on Sat July 8, 2017; Min 74 lbs. on Th Jan 25, 2018
- 5,164 customer transactions, an average of 31 customers per day not including appointment only days.

Max 77 customers on on Sat July 8, 2017; Min 5 customers on on Th Jan 25, 2018

What the DRC Recycled

Exported Recyclables

	Net weights shipped	Value	Number of shipping events	5
Aluminum Beverage Cans	5,928	\$2,842.80	GST – JNU shipping charges	\$1,718.88
Tin Cans	5,790	\$242.85	JNU – SEA shipping charges	\$2,475.19
Scrap Metal	15,214	\$760.70	GST – SEA shipping charges	\$10,578.39
Irony Aluminum	839	\$268.48	Seattle trucking	\$750.00
Misc Non-Ferrous	831	\$191.46	Total shipping charges	\$15,522.46
Cardboard	20,000	\$993.02	Total return	-\$11,029.43
Mixed Paper & Books	11,675	\$292.11	<i>Note: Due to the frequency of how often certain recyclables are shipped, some materials such as batteries or non-ferrous metals are stockpiled and are shipped less frequently. <u>What was received in a year does not equal what was shipped in a year.</u></i>	
White Sheet Paper	2,020	\$151.50		
Type 1 – PETE Plastic	3,290	-\$60.29		
Type 2 – HDPE Plastic	1,920	\$27.05		
Mixed Plastics	4,205	\$62.25		
Lead Acid Batteries	0	0		
Dry Cell Batteries	0	0		
Computer Monitors & TVs	0	0		
Fluorescent Lamps	654	-\$1,278.90		
Totals	72,366	\$4,493.04		

Locally Recycled Materials

45,695 pounds of food waste was composted (composted food waste cures for 6 to 9 months)

- Approximately 10 cubic yards of marketable compost from the previous year was sold (none remaining) generating a return of \$1,243.30

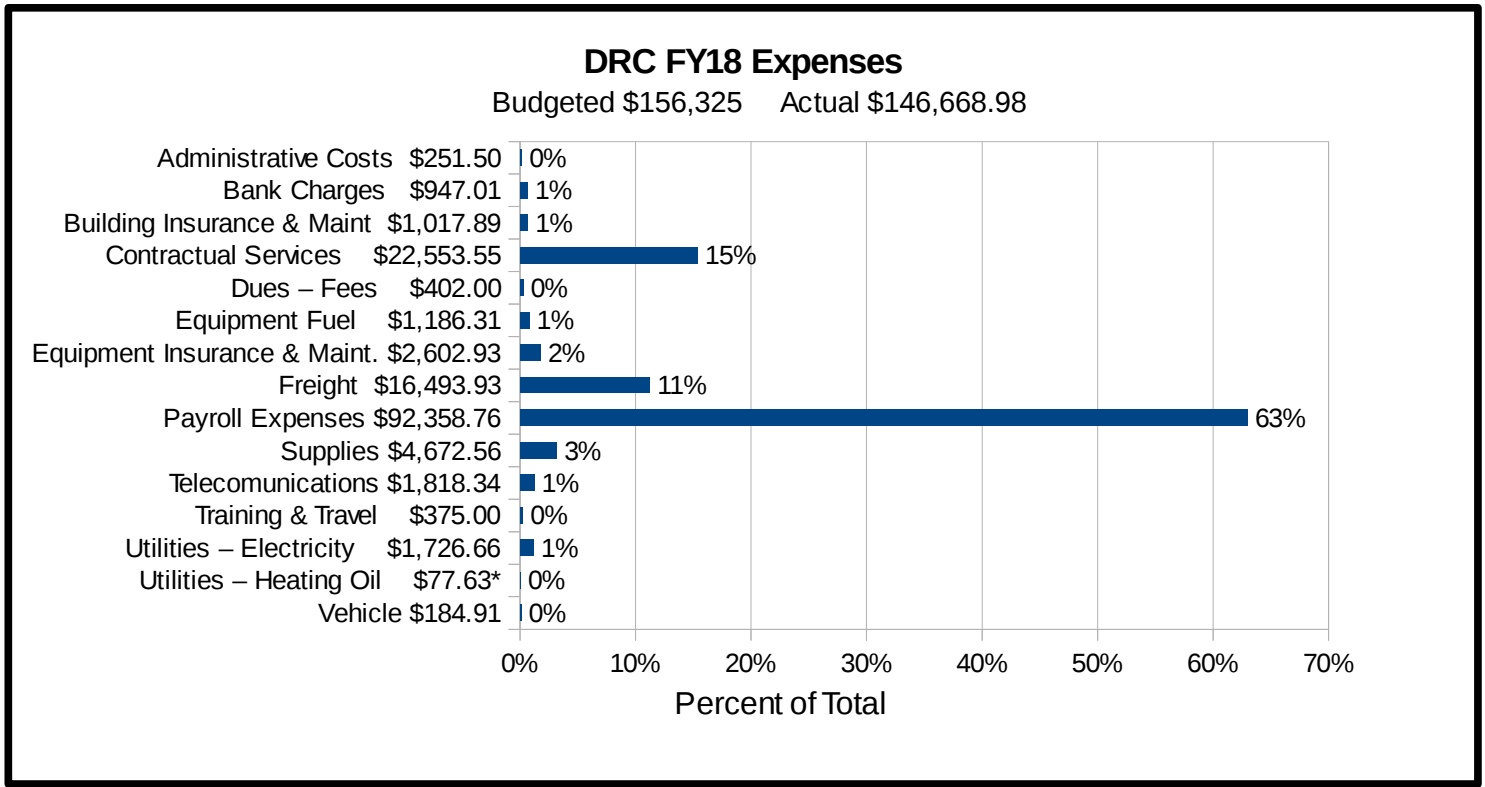
46,920 pounds of glass bottles and jars were pulverized and land-spread

1 2,960 pounds of aluminum cans; 500 pounds (conservative) of brass, copper & misc. aluminum; and 5,000 pounds of LA batteries from HHW event was added to the scale weight (less than 5% increase of scale weight). These items were accepted for free so there is no record of their weight. However, all exported weights of recyclables are recorded.

2 Excludes days that are only open by appointment.

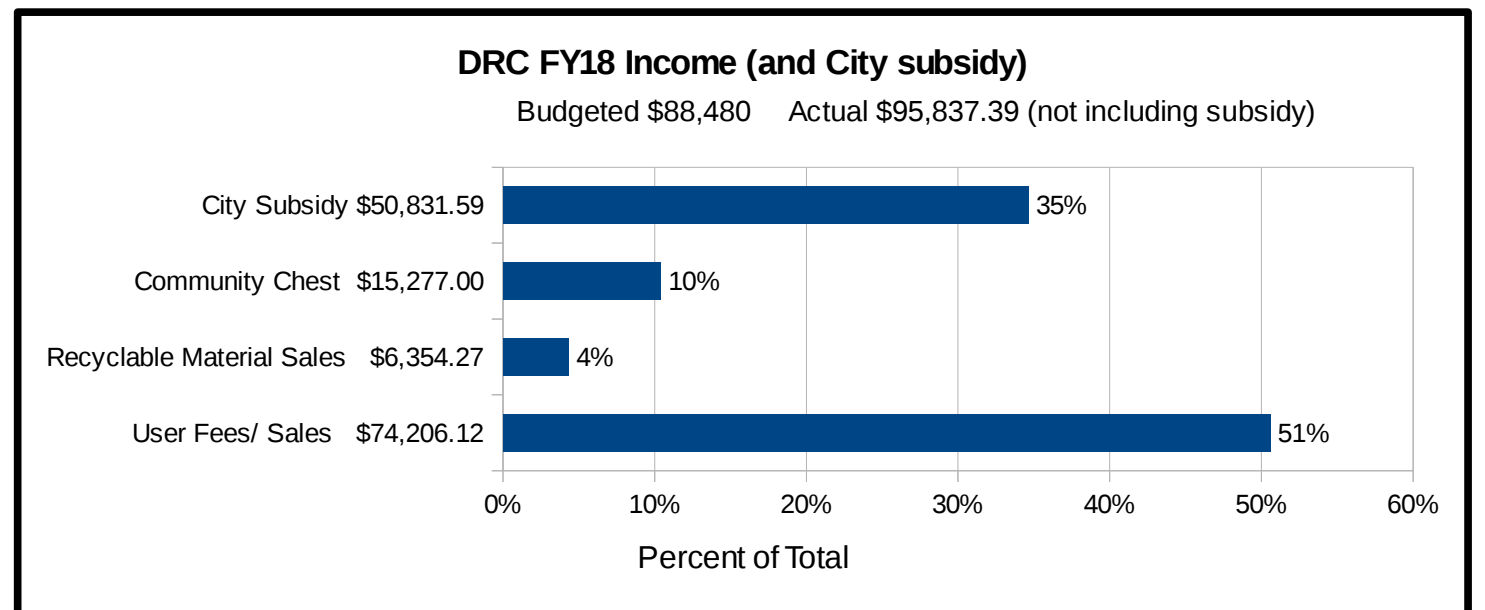
Where the Money to Operate the DRC is Spent

The averaged cost for processing each pound of waste received by the facility is \$0.43 per pound (rounded). This average does not include waste that does not flow across the scale: Sheetrock, Ash and C/D waste, estimated at 92 cubic yards (uncompressed).



* offset by \$1,356.80 credit from previous year

Where the Money to Operate the DRC Comes From



Financial and Miscellaneous Notes

The DRC completed the fiscal year within budget. Income was \$7,357.39 greater than budgeted and expenses were \$9,656.02 less than budgeted resulting in an actual City subsidy of \$50,831.59 for the DRC.

Compost sales (\$1,243.30), sales of screened topsoil from the compost yard reconstruction project (\$580.00), thrift sales at the DRC (\$184.50) and donations of change received at the point-of-sale terminal at the DRC (\$69.90) are included in "User Fees/ Sales" income.

The City sponsored its first household hazardous waste collection event in May. An estimated 12,020 pounds of material was collected and shipped out and an estimated 5,000 pounds of lead-acid batteries were collected. Four bales of empty or dry containers weighing an estimated at 1,800 pounds total was landfilled in the mound. The expenses for the event were within the \$18,535 budget (\$16,590 Clean Harbors/ contractor, \$1,770 labor & \$175 supplies).

There was a total of 3,236 hours of paid labor at the DRC: 1,896 hours by the Manager/ Operator (includes PTO) and 1,340 hours by the DRC Temporary Labor Pool (the "Pool").

The Pool is organized by calendar year. The CAL2017 & CAL2018 Pools each had five members all of which were active.

There was an estimated 70 hours of volunteer labor at the DRC.

Non-revenue waste streams (recyclable and non-recyclable) picked up by or delivered to the DRC include

Account	Pounds of waste
Anonymous	863
Beach Receptacles	1,121
City Hall & SR Park	1,742
Community Chest	13,558
Gustavus Library	1,330
GVFD - Fire Department	1,747
Litter	1,056
Total	21,417

Community Chest statistics for the fiscal year

The Community Chest does not record the volume (or weight) of the merchandise that is sold and reused by the community (and consequently kept out of the landfill), so there is no direct measure of this very important benefit.

- Open to the public 116 days
- Peak sales of \$356.50 on Saturday, August 19th
- Total income: \$15,277.00
- 1,051 hours of volunteer labor was recorded
- 13,558 pounds (6.7 tons) waste hauled to DRC, ranked 4th highest user of the DRC.
 - Made up of 5,535 pounds of recyclable waste and 8,023 pounds of non-recyclable waste
- Total sales minus major expenses (electricity \$393, heating oil \$798 & waste \$4,613) equals an approximate net income of \$9,473
- There were several shipments of goods to the Hoonah Thrift store and one shipment of winter clothing to the Glory Hole in Juneau

Quick Books Budget vs Actual Statement for FY2018

	<u>Jul '17 - Jun '18</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Ordinary Income/Expense				
Income				
DRC Income				
Community Chest Sales	\$15,277.00	\$12,800.00	\$2,477.00	119.35%
Landfill Fees/Sales	\$74,206.12	\$70,880.00	\$3,326.12	104.69%
Recyclable Material Sales	<u>\$6,354.27</u>	<u>\$4,600.00</u>	<u>\$1,754.27</u>	<u>138.14%</u>
Total DRC Income	\$95,837.39	\$88,280.00	\$7,557.39	108.56%
Fundraising	<u>\$0.00</u>	<u>\$200.00</u>	<u>-\$200.00</u>	<u>0.0%</u>
Total Income	<u>\$95,837.39</u>	<u>\$88,480.00</u>	<u>\$7,357.39</u>	<u>108.32%</u>
Gross Profit	\$95,837.39	\$88,480.00	\$7,357.39	108.32%
Expense				
Administrative Costs	\$251.50	\$300.00	-\$48.50	83.83%
Bank Service Charges				
Returned NSF Check	\$25.00			
Bank Service Charges - Other	<u>\$922.01</u>	<u>\$980.00</u>	<u>-\$57.99</u>	<u>94.08%</u>
Total Bank Service Charges	\$947.01	\$980.00	-\$32.99	96.63%
Building				
Insurance	\$681.18	\$630.00	\$51.18	108.12%
Maintenance & Repair	<u>\$336.71</u>	<u>\$500.00</u>	<u>-\$163.29</u>	<u>67.34%</u>
Total Building	\$1,017.89	\$1,130.00	-\$112.11	90.08%
Contractual Services	\$22,553.55	\$23,090.00	-\$536.45	97.68%
Dues/Fees	\$402.00	\$700.00	-\$298.00	57.43%
Equipment				
Equipment Fuel	\$1,186.31	\$1,170.00	\$16.31	101.39%
Insurance	\$185.42	\$0.00	\$185.42	100.0%
Maintenance & Repair	<u>\$2,417.51</u>	<u>\$3,100.00</u>	<u>-\$682.49</u>	<u>77.98%</u>
Total Equipment	\$3,789.24	\$4,270.00	-\$480.76	88.74%
Freight/Shipping	\$16,493.93	\$17,260.00	-\$766.07	95.56%
Payroll Expenses	\$92,358.76	\$98,070.00	-\$5,711.24	94.18%
Supplies	\$4,672.56	\$5,145.00	-\$472.44	90.82%
Telecommunications	\$1,818.34	\$1,610.00	\$208.34	112.94%
Training	\$375.00	\$380.00	-\$5.00	98.68%
Utilities				
Electricity	\$1,726.66	\$1,740.00	-\$13.34	99.23%
Fuel Oil	<u>\$77.63</u>	<u>\$1,500.00</u>	<u>-\$1,422.37</u>	<u>5.18%</u>
Total Utilities	\$1,804.29	\$3,240.00	-\$1,435.71	55.69%
Vehicle				
Mileage Reimbursement	<u>\$184.91</u>	<u>\$150.00</u>	<u>\$34.91</u>	<u>123.27%</u>
Total Vehicle	<u>\$184.91</u>	<u>\$150.00</u>	<u>\$34.91</u>	<u>123.27%</u>
Total Expense	<u>\$146,668.98</u>	<u>\$156,325.00</u>	<u>-\$9,656.02</u>	<u>93.82%</u>
Net Ordinary Income	<u>-\$50,831.59</u>	<u>-\$67,845.00</u>	<u>\$17,013.41</u>	<u>74.92%</u>
Net Income	<u>-\$50,831.59</u>	<u>-\$67,845.00</u>	<u>\$17,013.41</u>	<u>74.92%</u>

Report compiled by paul.berry@gustavus-ak.gov Version 1.0 2019-01-09