



Public Works Solid Waste Division

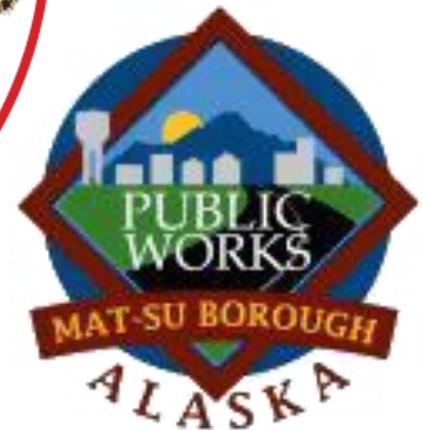


Mat-Su Central
LANDFILL



VCRS
VALLEY COMMUNITY
for RECYCLING SOLUTIONS

**Recycle for Savings
February 2015**





**Matanuska Susitna Borough
Solid Waste Division**

Mission Statement

*“A Matanuska Susitna Borough
wide sustainable, long term
recycling program, supported by
Community Members,
Community Councils and the
Borough.”*



Recycle for Savings

Issues / Agenda

- Why?
- Lets talk Numbers
- Proposed Program Structure
- Responsibilities
- Budget Requirements
- Education Requirements
- Comment



Why Recycle?

- **Reduce Landfill costs**
 - Reduces need for “airspace”
 - Reuses materials;
- **The “right” thing to do;**
- **Involves the Community;**
- **Provides a Bridge Between Local Government and the Community.**



A Costly Business - The Numbers

What's the Solid Waste Enterprise Fund? A fund established to run the Landfills financial business separate from the borough. The Solid Waste Division is not funded through taxes but from revenues generated from the business itself.

•Landfill Facts

- What's a cell? A piece of ground with a very strong liner where the waste is stored). (Current Cell 3 has 6 acres lined)
- Cell Volume (Airspace) 900,000 cu yds. = 5-7 yrs.
- Compaction Rate- Lbs of trash we fit in one cu yd. 2014 Average is 1552 lbs/cu yd.
- Airspace /Cell Build Cost - \$4-5M
- Closure Costs - \$3-4M
- Maintenance \$1.8M Annually
- Post Closure Monitoring - Cell monitored until DEC allows closure. (some landfills over 30 years)
- What's C&D? Construction and demolition debris. Does not need to go in the lined cell. Less expensive to landfill.
- Total FY 2014 Waste 72,000 tons
- Budget \$ 6.9M
- Gate Receipts \$ 5.7M



Transfer Station Costs FY 14

FY14 Totals	Transportation Contract Costs							
	Location	Cost/Load	Loads	Tonnage	Cost/Ton	Total Expenses	Revenues	Annual Cost
McLaren River Lodge	(\$1,274.00)	5	13.31	(\$478.59)	(\$6,370.00)	(\$18,870.00)	\$0.00	(\$18,870.00)
Gracious House	(\$1,078.00)	12	30.39	(\$425.67)	(\$12,936.00)	(\$25,436.00)	\$0.00	(\$25,436.00)
Sutton	(\$98.00)	131	482.09	(\$26.63)	(\$12,838.00)	(\$198,787.00)	\$22,875.00	(\$175,912.00)
Butte	(\$147.00)	104	1197.76	(\$12.76)	(\$15,288.00)	(\$281,287.00)	\$80,660.00	(\$200,627.00)
Talkeetna	(\$265.50)	226	806.47	(\$74.40)	(\$60,003.00)	(\$327,712.00)	\$60,131.00	(\$267,581.00)
Lake Louise	(\$392.00)	22	102.31	(\$84.29)	(\$8,624.00)	(\$24,724.00)	\$0.00	(\$24,724.00)
Willow	(\$147.00)	255	954.29	(\$39.28)	(\$37,485.00)	(\$302,109.00)	\$63,445.00	(\$238,664.00)
Pt Mackenzie	(\$147.00)	29	78.94	(\$54.00)	(\$4,263.00)	(\$21,563.00)	\$0.00	(\$21,563.00)
Eureka	(\$245.00)	39	113.35	(\$84.30)	(\$9,555.00)	(\$22,055.00)	\$0.00	(\$22,055.00)
Trapper Creek	(\$245.00)	61	220.41	(\$67.81)	(\$14,945.00)	(\$37,045.00)	\$6,906.00	(\$30,139.00)
Big Lake	(\$269.50)	515	5340.6	(\$25.99)	(\$138,792.50)	(\$564,861.50)	\$343,042.00	(\$221,819.50)
Long Rifle	(\$245.00)	48	151.85	(\$77.44)	(\$11,760.00)	(\$29,060.00)	\$11,899.00	(\$17,161.00)
Skwentna								(\$75,000.00)

* Note: Numbers in some cases have been averaged due to not capturing data on the transfer station level.

- 1. Total Annual Cost to operate transfer stations is \$1,500,000 after revenues.**
- 2. Hauling our own waste from the transfer stations results in a loss of \$1M in revenue annually.**



Proposed Program Structure

Framework for Recycling Long Term Success.

- The Recycling program is seeking community involvement to provide funds to refurbish old 40 yd containers for use as recycling containers. The containers will be hauled from the transfer stations full of recyclables to the recycling facility on the current landfill transportation contract. The idea is that the landfill would pay to haul the waste anyway. Hauling it to the recycling center keeps it from the landfill generating savings through airspace savings.
- To Succeed the Program Needs Support From:
 - Recyclers (Should be a 501C3)
 - Community Councils
 - Borough Manager and Assembly
 - VCRS – Recycling Facility Operator
- Each Community Choosing to Become Involved Will:
 - Choose three Items to recycle*
 - Coordinate recycling efforts to include fundraising to refurbish containers
 - Provide Volunteers and Coordination
- *** Notes**
- **Items chosen must be on VCRS list .**



Responsibilities Chart



	Desired Outcomes
Borough Solid Waste Division	Present Plan to Community Councils
Solicit Support	Present Plan to Recyclers
	Present Plan to Assembly
	Coordinate Refurb
Provide 40 yd containers	Coordinate/Fund Transport
	Grant Writing Assistance
VCRS	Recyclable processing
	Education and Outreach
Community Council	Formal Agreement with Recyclers
Recycler Meeting	<i>Budget for the Program</i>
	<i>Coordinate with Recycle POC for Volunteers</i>
	Formal Agreement with Borough
	Solid Waste/VCRS Meeting
Recyclers	Community Council Buy In
Plan with Community Council	Flyers/signage.
Education	Volunteer Scheduling
Program Coordination	Container Pick up Communications



Budget Support Chart



	Desired Outcomes
Borough	Container Transport
	Donate Containers
VCRS	Process Recyclables
Community Councils	Refurbish Container(\$10K)
	Signs
	Education
Recyclers	Solicit Grants
	Solicit Donations



Education Support Chart

	Desired Outcomes
Borough	Web Site
	LED Sign
VCRS	Flyer
Community Council	Community Outreach
	Resolution supporting the program
	Schools/Kids Involvement
Recyclers	Manage Waste at Container Site
	Flyers
	Community Outreach
	Signs



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