

Lakes region Solid Waste Roundtable
Regional Solid Waste Options
March 30th, 2017
NOTES

Roundtable Introduction:

- Solid waste management
 - Different opportunities

Presentations:

- Talking Trash
 - NRRA
 - Schools
 - China
 - Sending money to landfill
 - \$6.5 billion/year
 - Municipal Solid Waste
 - Fees with C&D
- Pemi-Baker Solid Waste District
 - Pemi-Baker Recovery Committee
 - Create a regional recycling facility
 - 501c3
 - 5 meetings/yr
 - Dues based on tonnage and population
 - Conduct two HHW collections and two fluorescent bulbs collections (from towns)
 - HHW – FT population + ½ seasonal units x 2.4 persons/HH
 - Expansion of the Bethlehem landfill is off the table
 - Bylaws govern adding new towns
 - Waste Disposal & Hauling Contracts
 - 5 & 10 year contracts with NCES and Casella for trucking and tipping
 - Towns are not locked in
- Tuftonboro Transfer Station
 - Non-mandatory recycling town
 - About 80% do recycle
 - NRRA
 - Money loss in Transportation
 - Background military

- Managing people
- Improved compression
- Recycling should be dropped off first
- Met with many others in the business
- Learned how to protect against fluctuations
- Use container for electronics, not Gaylord to reduce likelihood of injury
- Efficiencies of movement
- Have 3 FT and 3PT employees
- 2010 Total Budget \$325K with revenue of \$40K, 2016 Total Budget \$278K with revenue of \$75K
- Consistent
- Monthly briefings to Select board
- Communicate with the public about dollars
- Seem to have reached maximum efficiency
- Transportation and commodity costs are the major elements
- How can we improve efficiencies? Storage of materials and timing sales to vendors. Keep looking at the rates.
- TS is the only revenue-generating department in town.
- NRRA
 - Recycling rate of 33%
 - Charges, Payments, and Alignments
 - Charges and Invoicing
 - Prices are tied to the price of oil
 - Fees to avoid
 - Time required to check all the numbers
 - Time or tonnage
 - Need to keep track of the market long term so you can maintain a relationship with vendors and need to enable the vendor to remain in business

Regional Waste Disposal Issues & Opportunities:

- Local Policies
 - Gilford-
 - About to build a transfer station
 - Tamworth-
 - Working with a scrap metal business in town
 - Bridgewater-
 - Mandatory recycling
 - Page throw system
 - Vertical bailer
 - \$5/bag in dumpster

- Encourages to recycle
 - Schools recycle which gets back to households
 - Separated by type
 - 2 FT & 1 PT staff
 - Construction and debris (C&D) is ground
 - Uses incinerator
- Ossipee-
 - Mandatory Recycling
 - Separation of waste
 - 1 horiz. & 2 vert.
 - Uses Casella
 - NRRA & BJ
 -
- Franklin-
 - Mandatory Recycling
 - Burn waste oils
 - Bulbs and electronics collected throughout the year
- Sandwich-
 - Single stream recycling
 - Cardboard is held out and handled locally
- Northfield-
 - Single stream curb side recycling
 - Curbside pick-up (1,200 stops) this has reduced staff and hours and improved traffic flow
 - Looking for other options down the road.
- Andover-
 - Single stream recycling
 - Uses the Plymouth facility
- Moultonborough-
 - Single stream recycling
 - Everything in one compacter
 - Efficiency improvement
 - 50% increase in facility use
 - Recently shifted from source separation to single stream
 - Leading to efficiencies
 - Including much better traffic flow
- Tilton-
 - Curb side pick-up

- Transfer station 6 hours a week
 - Have amnesty week
- Additional concerns
 - Objective is to get things into the trash and out of the lake
 - 9 pounds of plastic in household to 120 pounds in plastics
 - Easier to get rid of paper than plastic
 - Get number of tons of trash from restaurants, health centers, ect., in towns that have seasonal people or tourist. Instead of households.
 - Characterize which towns are using what transfer systems
 - Single stream
 - Source separated
 - Reducing the waste in the first place, especially using paper as opposed to plastics.
 - When considering pricing for multi-town efforts, the amount of waste generated over the last two years should be the controlling factor, not population or housing units.
 - Consider having a variable burden of payment based on the nature of the business
- Steps forward
 - Groups (such as this one) should put pressure on the legislature to reduce the amount of plastic waste, especially films (plastic bags).
 - Outreach and education to school groups can be very effective
 - Explore establishing a Solid Waste District to help communities pool resources
 - Storage and sale of materials, reducing the impacts of transportation and market timing
 - Curbside pick-up contracts, increasing volume and reducing the impacts of transportation
 - Compile a database listing the pertinent characteristics of facilities and capabilities, including
 - drop-off type (single stream, source separation – voluntary or mandatory recycling, or pay-as-you-throw)
 - number of balers – vertical and horizontal
 - augers
 - tub grinders
 - [Note that some of this is in process.]
 - Municipal composting
 - Municipal level
 - Farmers
 - Tuftonboro storage shed

- Solid waste district feasibility study
- Florescent collection day
- Legislative Initiatives
 - Paint Stewardship
 - Plastic bags
- School Recycling Programs