



## **Lakes Region Solid Waste Roundtable**

### **Regional Solid Waste Disposal Options**

**March 30, 2017 – 10:00AM – 12:00 PM**

Meredith Community Center

Meredith, NH

- 10:00 Roundtable Introduction**
- Regional Solid Waste Disposal Opportunities
  - Housekeeping
  - Participant Introductions
  - The Roundtable Series
- 10:15 Presentations**
- Cooperative Purchasing  
Michael Durfor, Executive Director  
Northeast Resource Recovery Association
  - Solid Waste Districts  
Regan Pride, Waste Management Planner  
Pemi-Baker SWD/North Country Council
  - Tuftonboro's Approach  
Clay Gallagher, Transfer Station Supervisor  
Town of Tuftonboro
- 11:00 Regional Waste Disposal Issues & Opportunities**
- Current Practices
  - Pros & Cons – Convenience, Flexibility, Costs
  - Education
  - One-stop Information
  - Regional Contract Bidding
  - Solid Waste District?
- 11:40 Summary**
- Major Points
  - Next Steps

Lakes region Solid Waste Roundtable  
Regional Solid Waste Options  
March 30<sup>th</sup>, 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