



RUTLAND COUNTY SOLID WASTE DISTRICT

REDUCE ♦ REUSE ♦ RECYCLE ♦ COMPOST

2014-2019

Solid Waste Implementation Plan Review

Glossary

- SWIP: Solid Waste Implementation Plan
- DEC: VT Dept. of Environmental Conservation
- MMP: Materials Management Plan (created by DEC)
- MSW: Municipal Solid Waste (landfill-bound trash)
- URL: VT Act 148- Universal Recycling Law

Introduction

- RCSWD chartered in 1979 with a goal to “promote resource recovery from solid waste”
 - Now tasked with certifying that waste haulers and transfer stations are in compliance with applicable laws - also conducts outreach for implementing Universal recycling law
- Following are slides displaying how RCSWD has achieved goals set in SWIP and state MMP

***Education
&
Outreach***

School Outreach

- Notified all principals/ superintendents of URL requirements
- Visited 15 out of 30 public schools to assist in materials mgmt planning
- Highlight: Clarendon Elementary Compost (pictured right)



Business Outreach

- Contacted 250 food scrap generators in partnership with Solid Waste Alliance Communities
 - 75 direct site visits
- >600 food scrap generators in county
- At least 75 businesses diverting food from trash



Resident Outreach

- Focus on food scraps
- Multi-media approach: [website](#), [facebook](#), [twitter](#), video, radio, print
- In-person at farmers markets, and annual compost workshop



Event Assistance

- Tabled at ~5 events each year
- Assisted several small events with sorting and disposal
- Facilitated Rutland City Green Up Day



Biosolids Outreach

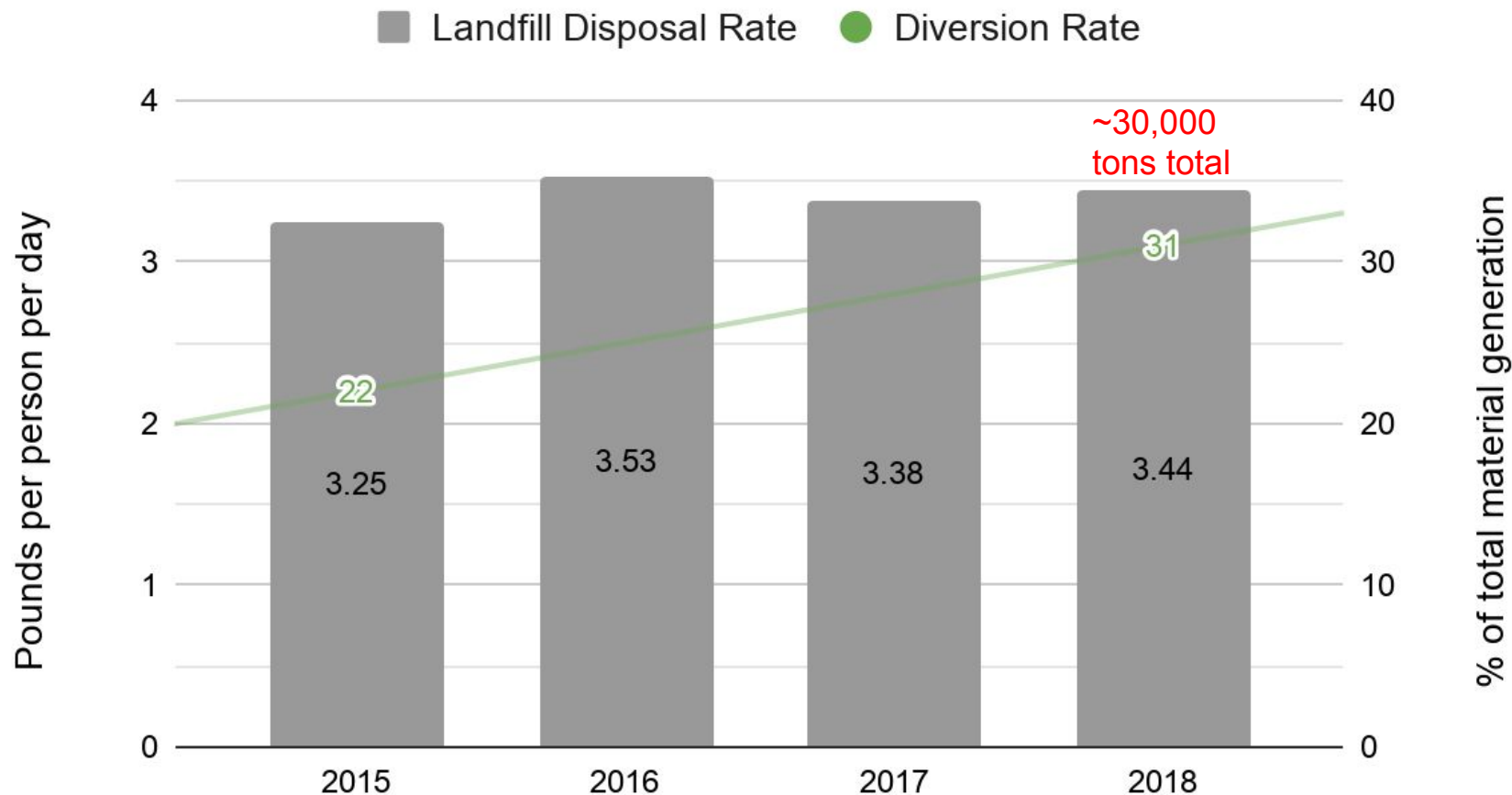
- Contacted all WWTP in county with info on beneficial use of sludge
 - All but Poultney send to Rutland for further treatment
- Met with Rutland WWTP managers to discuss options - left at landfilling due to prohibitive cost of composting



Programs & Operations

The following slides are specific to in-district materials incoming to Rutland Regional Transfer Station on Gleason Road in 2018

RCSWD Disposal and Diversion rates 2015-2018





Employee Art Maroun checking for contamination and proper sorting

Recycling

- 392.58 tons household recyclables sorted
- The Material Recovery Facility (MRF) at 1 Smith Rd processes about 35,000 tons annually - almost 120 tons per daily operation



Employees Barry and Dominic sorting hazardous waste

Hazardous Waste

- >13,000 gals oil, flammables and paint
- 7,545 fluorescent bulbs
- 15,000 lbs batteries
- 890 propane tanks
- 1,275 freon appliances
- 20 rural collection runs visiting 13 towns at least twice this year



Asbestos box- separate from unsorted
C&D waste

Construction & Demolition

- 4,072.5 tons to landfill
- Sorted C&D program discontinued except for select projects due to improper sorting by commercial haulers
- Researching markets for asphalt shingles and sheetrock recycling - no cost-effective results yet



Scrap Metal at sunrise

Scrap Metal

- 73.9 tons recycled in 2018
- No consistent trend in past 5 years



Tires

- 8003 tons of tires recycled in 2018
 - Over double the amount of years past



Grinding brush and sifting into pile for
biomass heat

Organics - Leaf, Yard and Wood Debris

- >2,500 tons processed in 2018
- Shipped to McNeil Biomass plant near Burlington



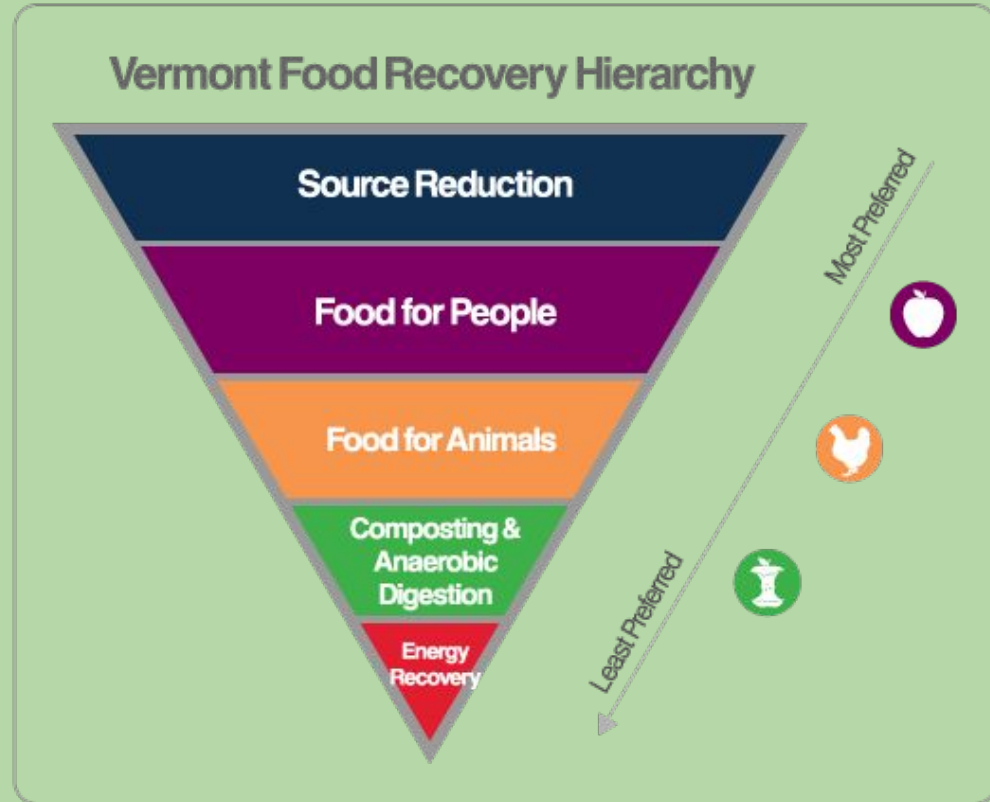
Resident John dropping off food scraps
from a 5-gal bucket

Organics - Food Scraps

- 1.6 tons residential food scraps collected in 2018
- Over 40% of the 469 tons of food per week are diverted from the landfill - according to [regional food scrap recycling assessment](#)

What will get food out of the trash?

- Persistent outreach
 - Many businesses/residents still don't know about the URL, or choose to ignore it
 - Need to tell them how to divert food scraps
- What else?



What will get food out of the trash?

- Expand collection & processing infrastructure
 - Current gap in service for rural businesses/schools and city residents; small, dispersed quantities of food
 - Salisbury digester in development; VTC digester discontinued currently; Brandon compost operation has limited capacity and participation
 - Providing ***on-site infrastructure and technical assistance*** for generators is most effective



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