



VT - 1ST STATEWIDE FOOD SCRAP BAN

Josh Kelly – Solid Waste Program

WHY?



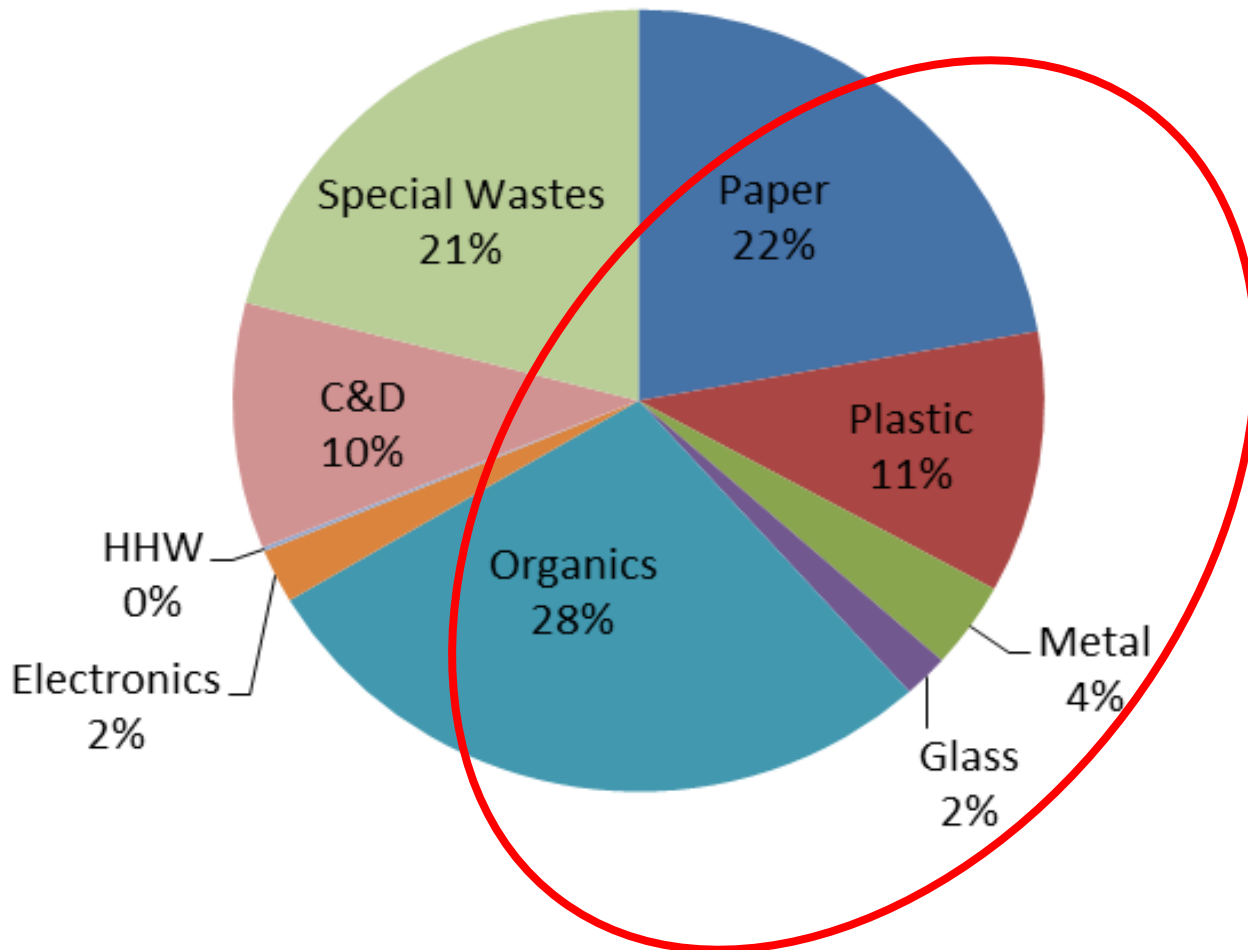
WHY?

GREEN Mountain State?



PROBLEM

Residential MSW 2013



**~50% of trash
could be
recycled/
composted**

Conditions that led to Change

- Stagnant Recycling Rate: 30-36% for 10 years
- Inconsistent services in VT
- Support from legislature (unanimously)
- Recommendations from Stakeholder Groups

Other State's Organics Bans

- **VT** starts July 2014 – 2-ton generators w/in 20 miles.
Phases to full ban in 2020.
- **MA** starts Oct. 2014 – all 1-ton generators.
- **CT** starts Jan. 2014 – 2-ton generators w/in 20 miles.
Jan. 2020 1-ton generators w/in 20 miles.
- **RI** starts Jan. 2016 – 2-ton generators w/in 15 miles.
- **NEW! CA** starts Jan. 2016 – 8-cu.yd. generators.
May phase to 2-cu.yd. generators in 2020.

Changing our view from “waste” to...





Materials Management



Universal Recycling Law (Act 148) - 2012

- **Bans disposal of**
 - ▣ mandated recyclables by 2015,
 - ▣ leaf & yard residuals and clean wood by 2016,
 - ▣ food residuals by 2020

- **Mandates parallel collection** by those that collect MSW

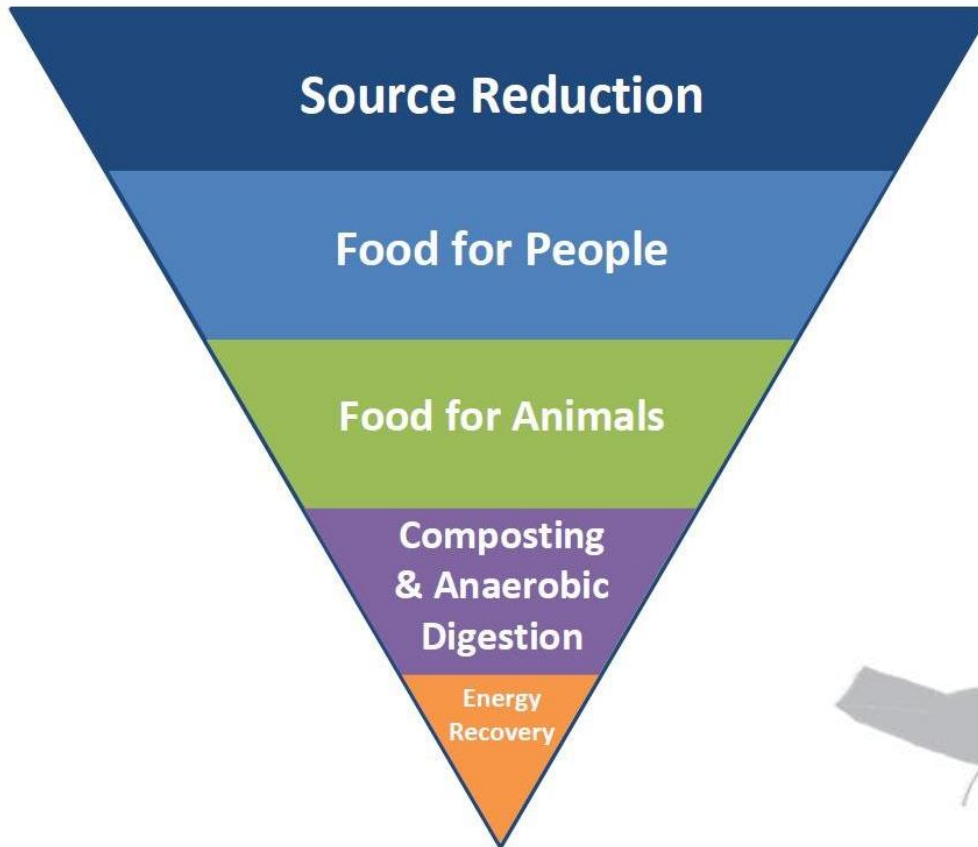
	Facilities	Haulers
▣ mandated recyclables	2014	2015
▣ leaf & yard residuals	2015	2016
▣ food residuals	2017	

Universal Recycling law summary:

- Phased in mandates for larger generators to divert food residuals, if there is a facility within 20 miles
 - 2014 for generators > 104 tons/year **2 tons/wk**
 - 2015 for generators > 52 tons/year **1 ton/wk**
 - 2016 for generators > 26 tons/year **1/2 ton/wk**
 - 2017 for generators > 18 tons/year **1/3 ton/wk**
 - **2020 all food scraps banned regardless of distance**



Universal Recycling (cont.) Organics Hierarchy



Bill Emerson Good Samaritan Food Donation Act (1996) – helps protect food donors from liability associated with donated food.

What is a “facility”?

**Vermont Technical College's
Anaerobic Digester**



**Green Mountain
Compost Facility**

So where are these facilities?*

- ❑ **Cookeville Compost - Corinth**
- ❑ **Green Mountain Compost - Williston**
- ❑ **Grow Compost - Moretown**
- ❑ **Hudak Farm - Swanton**
- ❑ **Kingdom View Compost - Lyndon**
- ❑ **TAM Organics - Bennington**
- ❑ **Vermont Compost Co. - Montpelier**
- ❑ **Vermont Natural Ag. - Middlebury**
- ❑ **Windham SW District - Brattleboro**
- ❑ **Wise Worm Compost – Burke**

*Be sure to check with your composter before sending materials to them

See also **Find-A-Composter.com**.



Photo courtesy of CVSWMMD

Who's hauling food scraps?



Tote washing. Photo courtesy of CVSWMD

White River Junction Region

- Cookville Compost, Bob Sandberg

Windsor County

- Casella Resource Solutions

Addison County - Casella Resources Solutions

Brattleboro Region

- Triple T Trucking
- Goodenough Rubbish

Bennington Region

- TAM Waste Management
- Casella Resource Solutions

Central Vermont - CVSWMD

Chittenden County Region

- Casella Resource Solutions
- Gauthier Trucking Co.
- Myers Container Service

Mad River/Randolph - Grow Compost

Morrisville Region - Highfields Composting

Rutland Region - Casella Resource Solutions

St. Albans Region - Northwest Solid Waste Mgmt District

St. Johnsbury Region - Highfields Composting

Compost etc.

~12 EXISTING

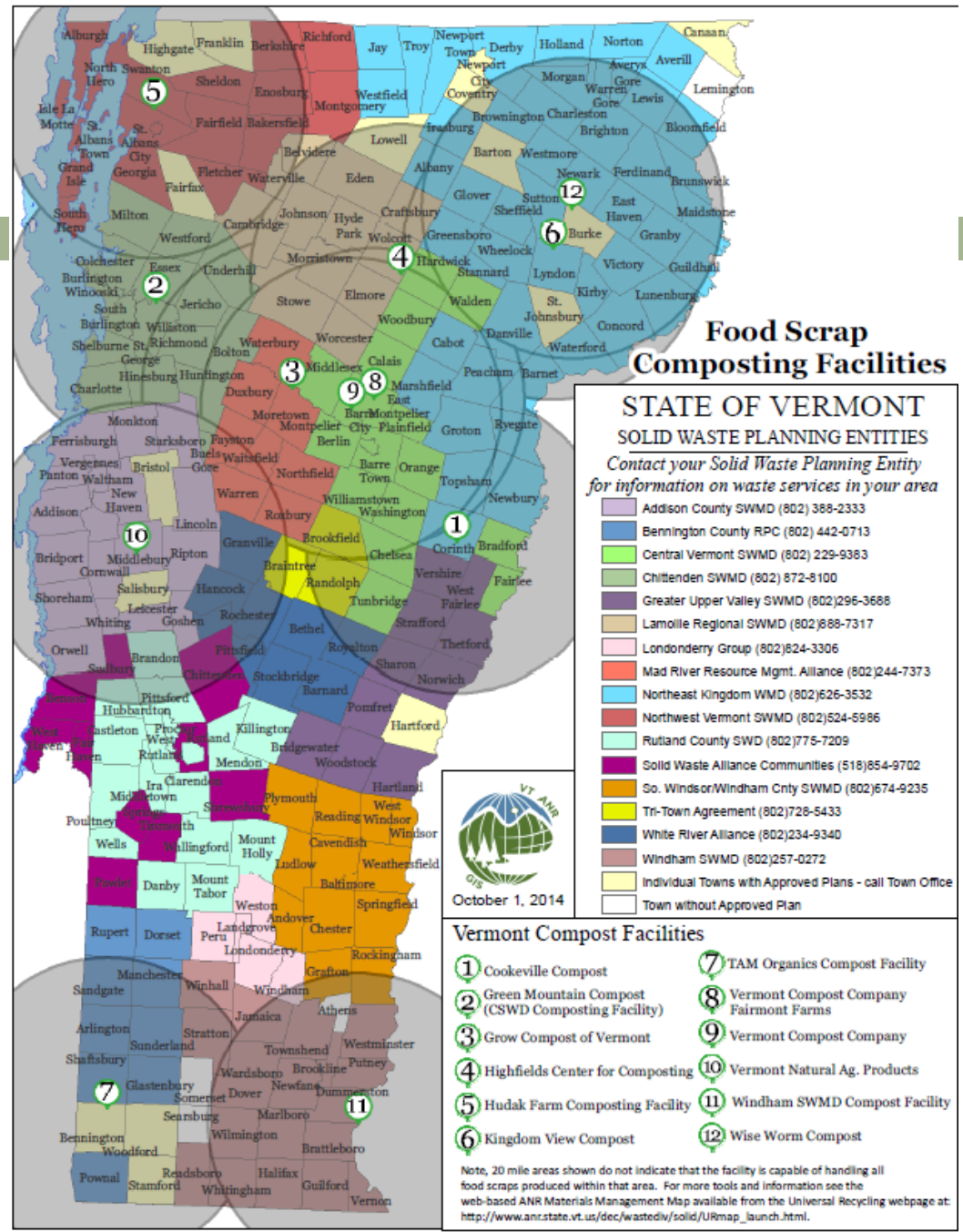
**Food Scrap
Composting Facilities**

~11 EXISTING

Food Scrap Haulers

~17 EXISTING

**On-Farm
Anaerobic Digesters**



Materials Management Map

UNIVERSAL RECYCLING
Materials Management Map

VERMONT
AGENCY OF NATURAL RESOURCES

Organic Tools Measure Drawing

Print Map Print
Pan
Zoom In Navigation
Zoom Out
Initial View
Full Extent
Zoom to Town
Filter by Generator Type
Filter by Scrap Tons Generated
Filter by Facility Type
Search for Facilities Near You
Clear layer filters

Street Map

VTANRGIS, Vermont Agency of Natural Resources | County of Chittenden, Esri, HERE, DeLor...

How much food waste do you produce?



Sample Estimate:

	Students	X	Lbs./student/wk	=	Lbs./wk
Elementary School	442	X	1.13	=	500

0.25 tons/week = 13 tons/year

Below the 2017 **18 tons/year** threshold.

Compliance required by **July 2020**.

Calculating Food Waste at Your School

Elementary	1.13	pounds/student/week
Middle	0.73	
Elementary/Middle	0.93	
High School	0.35	
K-12	0.72	
Pre-school	1.13	
College/University	1.13	



Key Steps to Implementation

- Sector Specific Outreach/Edu./Tech. Assistance
- Coordination with state/local agencies
 - Dept. of Health
 - Agency of Agriculture
 - Dept. of Edu., Buildings & General Services, Dept. of Corrections
- Support expanded Infrastructure/Hauling
- Support Markets for End Products (Compost)
- Outreach & Enforcement – drives markets, ↑ quality
- Public Media Campaign

Contact Details & Website

For assistance contact:

josh.kelly@state.vt.us

802.522.5897

Web Page www.anr.state.vt.us/dec/wastediv/solid

(or search web for “**Universal Recycling Vermont**”)

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