



Talking Turkey About Trash

November 24, 2014

The Lodge at Allardale, Medina, OH



Agenda

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|------------|--|
| 12:30 p.m. | Call to Order |
| 12:30 p.m. | Welcome and Introductions – Amy Lyon-Galvin
History
Recent Timeline
Goals and Objectives
The Sum of All Parts
State’s Solid Waste Goals
What’s in a Word?
What are the Numbers? |
| 1:00 p.m. | Programs and Goals |
| 1:30 p.m. | Prioritizing Programs and Goals |
| 2:15 p.m. | Summing It Up |
| 2:30 p.m. | Close Meeting |



Welcome and Introductions



History

- In 1988 House Bill 592 required management of solid waste (trash) in Ohio.
- In response, Medina County Solid Waste District (District) was created.
- District's Solid Waste Policy Committee (SWPC) statutorily comprised of a County Commissioner, County Health Commissioner, City Manager of the largest City by population (Brunswick), a representative of the County's Township Organization and a representative of the general public was created.
- The SWPC formed a Technical Advisory Committee (TAC) to evaluate successful recycling programs.
- The District's first Solid Waste Management Plan was approved by the Ohio EPA in 1991.
- In accordance with Section 343.01(l)(2) of the Ohio Revised Code, the District designated the CPF to receive through Flow Control all Medina County generated residential, commercial and industrial solid waste.
- The CPF began processing operations in July 1993.
- The original processing equipment is still in service and has been successfully kept operational for over twenty (20) years.
- The District has publicly bid for continued CPF operations and updates the Solid Waste Management Plan as mandated by the Ohio EPA every five (5) years.



Recent Timeline

Milestone Task	Date
District RFP for Solid Waste Management Plan Update & Proposed Alterations of Future District CPF Operations (awarded to GT Environmental, Inc. on May 6, 2013)	Due April 12, 2013
District requests SWPC to assemble a TAC to assist in evaluating operations alternatives	July 12, 2013
Medina County Twp. Association Executive Board appoints 2 Twp. reps. to TAC	August 15, 2013
TAC holds a series of seven (7) public meetings to review facts to achieve the goal of making a recommendation to the SWPC regarding future operations at the CPF ¹	October 3, 2013 - January 14, 2014
Final Report - Alternatives for Future Medina Co. Operations, by GT Environmental, Inc. ²	October 29, 2013
TAC surveys community for input on current and future solid waste & recycling practices ³	Nov. - Dec. 2013
SWPC approved the TAC's recommendation to keep the CPF as a public or private operation & improve recyclables extraction from MSW at a lower cost per ton	Feb. 19, 2014
District forms Bid Team to develop RFP for the continued operation of the CPF	April 22, 2014
Draft Solid Waste Management Plan Update submitted to OEPA ⁴	July 23, 2014
District discontinues community glass igloos pending new glass strategy	September 3, 2014
District RFP for CPF Processing Services Bids (issued August 7, 2014)	Due Sept. 30, 2014
Processing Services Bids Rejected; deemed too costly per ton of MSW	November 4, 2014
District 3rd Party Independent Assessment of Processing Equipment	November 2014
District hosting "Talk Turkey about Trash" public meeting with local officials	Nov. 24, 2014
District RFP for Transfer, Transport & Disposal of MSW (Authorized Nov. 10, 2014)	Due Dec. 9, 2014
Expiration of current 5-year CPF processing operations contract with Envision Waste	January 11, 2015
District's final Ohio EPA approval of ratified Solid Waste Management Plan Update	January 23, 2016



Goals and Objectives

- Meet the goals of the TAC and the SWPC.
- Decrease volume of waste material going to landfill through opportunities/partnerships/contracts for waste processing & recycling, community drop off recycling programs, etc.
- Continue District Programs (Appliance Roundup and Special Collection Events), source separated drop off at the CPF, grant opportunities, etc.
- Maximize services to County residents at lowest attainable cost.
- Promote competition in the private sector for contracted services.
- Re-engage the community as a whole in discussions regarding recycling opportunities.
- Expand community outreach and education offerings through meetings, presentations to civic groups and local organizations, CPF facility tours, partnerships with educators for recycling & curriculum development.
- Continued compliance with regulatory agencies and the Ohio Revised Code.
- Develop long-term strategy regarding facility operations, regional partnerships, and recycling programs/goals.



The Sum of All Parts

Re-engage the community as a whole in discussions regarding opportunities/partnerships/contracts for the reduction, re-use and recycling of Medina County's solid waste stream.



Community Recycling



Yard Waste/Organics Management



Special Wastes (HHW, electronics, tires, appliances, etc.)



Mixed Waste Processing



Education and Outreach



Regional Waste Management Option



State's Solid Waste Goals

- Goal #1** Ensure the availability of reduction and recycling opportunities/programs for residential/commercial waste.
- Goal #2** Reduce and/or recycle at least 25% of the residential/commercial waste generated and 50% of the industrial waste generated.
- Goal #3** Provide informational and technical assistance on source reduction.
- Goal #4** Provide informational and technical assistance on recycling, reuse and composting opportunities.
- Goal #5** Develop strategies managing scrap tires and household hazardous waste (HHW).
- Goal #6** Districts are required to submit an annual report to Ohio EPA.
- Goal #7** Prepare a market development strategy (optional).



What's in a Word?

Access – The availability of waste reduction and recycling services to waste generators within a district. It is used as the presence or absence of waste reduction and/or recycling opportunities, and as a component of measuring compliance with Goal #1 of the *State Solid Waste Management Plan*.

Composting – The controlled biological decomposition of organic solid wastes which stabilizes the organic fraction of a material.

Electronic Waste – Unwanted electronic appliances and devices, including but not limited to computers, monitors, fax machines, copy machines, cellular phones, etc.

Generator – One (person or entity) who produces or creates Solid Waste.

Household Hazardous Waste (HHW) – Materials used in the home/apartments such as cleaners, paints, solvents, pesticides, used oil, batteries, and other automotive products that potentially can cause harm to persons, equipment and the environment.



What's in a Word?

Material Recovery Facility (MRF) – Any type of facility used for separating, sorting, or processing waste in order to segregate materials with value (e.g. aluminum, plastic, paper).

Recycle – The process of collecting, sorting, cleansing, treating and reconstituting Solid Waste that would otherwise be disposed in a Solid Waste Disposal Facility and returning the reconstituted materials to commerce as commodities for use or exchange.

Re-use – The re-utilization of a material in a particular function or application as an effective substitute for a commercial product.

Source Reduction – Any effort to reduce, at the source , the quantity of waste generated and entering the waste stream.

Solid Waste – Unwanted residual solid or semi-solid material as results from industrial, commercial, residential, agricultural, and community operationsdoes not include infectious or hazardous waste.



What's in a Word?

Source Separate – The process of separating, or separation of, Solid Waste, including Yard Waste or Recyclable Materials by the Generator at the location where generated for the purpose of Recycling.

Yard Waste – All garden residues, leaves, grass clippings, shrubbery and tree pruning or cuttings and similar material.



What are the Numbers?

Solid Waste Generated = Tons landfilled + Tons recycled + Tons Reduced + Tons Composted (Organics) + Tons MSW Compost (volume reduction)

Solid Waste Reduced/Recycled = Tons recycled + Tons Reduced + Tons Composted (Organics) + Tons MSW Compost (volume reduction)

% Solid Waste Reduced/Recycled = $\frac{\text{Tons reduced/recycled}}{\text{Tons Generated}}$



What are the Numbers?

2012 Medina County CPF Waste Diversion Performance			
Description	Method 1	Method 2	Method 3
Inbound Solid Waste Tons across the Scales	124,552	124,552	124,552
Solid Waste Sent Directly to Landfill	58,755	58,755	58,755
Solid Waste Tons Processed through Processing Line	65,797	65,797	65,797
Recyclables Tons Extracted (6.2%)	4,056	4,056	4,056
Volume Reduction from Class I Compost Facility (8.4%)	5,550	5,550	0
Engineered Fuel Produced (2.4%)	1,555	0	0
Percent Diversion	17%	15%	6%

- Total tonnage delivered to the CPF in year 2012 = 124,552 tons
- 65,797 tons of the 124,552 tons (52.8%) were processed through the processing line for recycling extraction.
- Total waste diverted from the landfill for reference year 2012 represents 17% of the processed waste
- Traditional recyclable materials extracted from processed waste totals 6%



Community Recycling

- Contract for County-wide Drop-off Recycling – partner with City/Village/Township for publicly owned locations
- Contract for County-wide Drop-off Recycling – partner with schools for locations
- Contract for County-wide Drop-off Recycling – partner with City/Village/Township who have partnered with local businesses
- Other ideas...



Yard Waste Management

- Contract for a centralized compost facility at the CPF
- Contract for County-wide Yard Waste Drop-off – partner with City/Village/Township for publicly owned locations
- Contract for County-wide Yard Waste Drop-off – partner with City/Village/Township who have partnered with local businesses
- Other ideas...



Special Waste Management

- Contract for Spring and Fall Appliance and Paint Round-ups
- Contract for quarterly Appliance and Paint Round-ups
- Contract for a year-round Special Waste Drop-off Center
- Other ideas...



Mixed Waste Processing

- Contract for status quo equipment and shifts
- Contract for County-specified upgrade/replacement of the mixed waste equipment line
- Contract for mixed waste processing accommodating a blue bag system
- Other ideas...



Education and Outreach

- Partner with school districts for in-school curriculum-related presentations/educational sessions
- Develop/distribute educational materials to public entities, private entities, civic groups, etc.
- Conduct workshops and tours at the CPF
- Sponsor CPF open houses (Fall Foliage Tour)
- Other ideas...



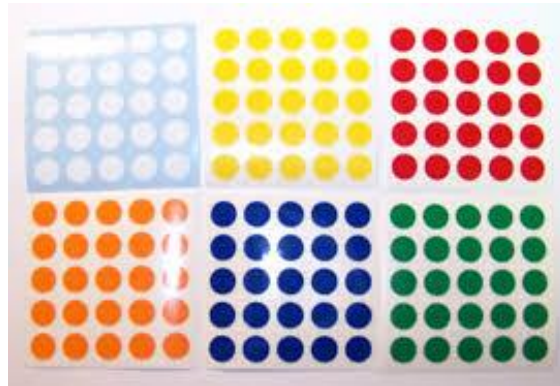
Regional Waste Management

- City of Cleveland/Cleveland Thermal project
- Land lease for regional waste to energy campus
- Other ideas...



Prioritizing Programs & Goals

- Sticker your top five programs and/or goals












- Ideas? Please post them...



Summing It Up

State Plan goals achieved by each program/goal

State Plan Goal Achieved	Community Recycling	Yard Waste Mgmt.	Special Waste Mgmt.	Mixed Waste Processing	Education and Outreach	Regional Waste Mgmt.
Goal #1						
Goal #2						
Goal #3						
Goal #4						
Goal #5						
Goal #6	Annual	District	Report			
Goal #7	Market	Develop	Strategy	(optional)		



