

District Solid Waste Management Format, version 4.0



WHAT'S THE DEAL HAPPY MEAL?

Presentation Overview



What We Are Going to Talk About

- Why are we doing what we are doing?
- Differences between version 3.1 and 4.0
- Using the format as a strategic tool
- Preparing the plan
- Entering and managing data

Purpose



THE METHOD TO OUR MADNESS

What We are Trying to Accomplish



Version 4.0 will:

Improve readability of plan

Simplify putting plan together

Eliminate redundancy

Eliminate unnecessary information

Improve the format as a planning tool

Incorporate the goals of the 2009 State Plan

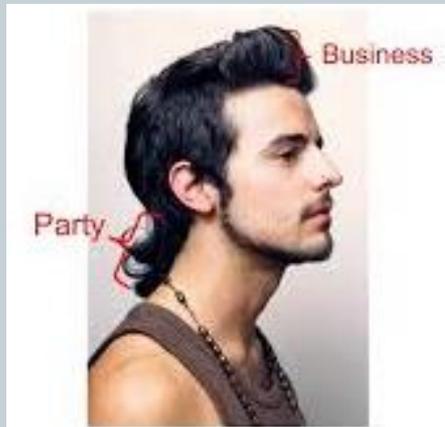
Awesomeliciousness!

The Reverse Mullet Theory



ERNIE'S TAKE ON THE NEW FORMAT

The Reverse Mullet Theory



The Traditional Mullet



The Reverse Mullet

The Reverse Mullet Theory

Party in the Front!

- 6 concise, easy to read chapters
- Combination of standard and original text
 - ✦ Introduction – purpose of chapter (standard to all plans)
 - ✦ SWMD-specific information (original information)



Chapter 3 (Waste Generation)



**A CASUAL STROLL THROUGH
OHIO EPA'S EXAMPLE**

The Reverse Mullet Theory



Business in the Back



- Series of appendices will provide technical information and data
- Dedicated appendix for each type of data/information (e.g. population, recycling, disposal, generation)
- Use information from appendices to complete body of plan

Appendix C (Population)



**JUST A TASTE FROM THE DELICIOUS
SMORGASBORD OF APPENDICES**

MAJOR DIFFERENCES BETWEEN FORMAT VERSION 3.1 AND VERSION 4.0



**BRINGING THE FORMAT INTO THE
20TH CENTURY**

What's New?

Revisions

Wave bye!

- **Unnecessary stuff**
 - No more estimating industrial generation based on survey respondents/non-respondents
(i.e. no more Appendix JJ)
 - No more projecting industrial generation by SIC code
 - No more map
 - No more estimating waste composition based on national data
 - No more reconciliation
- All like information presented in one place...mostly

What Else is New?



New concepts in version 4.0

- Account for excluded waste only if more than 10% of total disposal
- Project disposal and recycling to get generation
- Survey for recycling data only

More That is New



New concepts in version 4.0

- Incorporates changes to goals made by the 2009 State Plan

PURPOSE

DIFFERENCES

FORMAT AS PLANNING
TOOL

PREPARING THE PLAN

Improve Use as a
Planning Tool

Still More New Stuff

New concepts in version 4.0

- Eliminate source reduction credit
- Projections for 5 or 6 years
- Base revenue projections on historic revenue receipts
- Expense table mirrors quarterly fee report

Even More New Stuff

New tools in version 4.0



- Electronic version
- Detailed instructions with some examples
- Strategic analysis
- Workbook
- Template survey and BMPs for surveying

Using Format as a Planning Tool



WHAT'S THAT LOOK LIKE?

Improve Strategic Planning



The Format will

- Provide structure for strategic analysis of programs and factors
- Be a decision-making tool rather than a form to fill out
- Provide LOTS of prompts for things to consider

Strategic Planning



Analyses

- 1) Residential recycling infrastructure analysis
- 2) Commercial sector analysis
- 3) Industrial sector analysis
- 4) Waste composition analysis
- 5) Economic incentive analysis
- 6) Restricted and difficult to manage waste analysis

Strategic Planning



Analyses

- 7) Diversion analysis
- 8) Special program needs analysis
- 9) Financial analysis
- 10) Regional analysis
- 11) Population analysis
- 12) Data collection analysis

Strategic Planning



Conducting analyses will involve

- Benchmarking with other SWMDs, the region, and the state as appropriate
- Comparing situation in reference year with projections for that year
- Evaluating historical data and trends

Strategic Planning



Use results of analyses to

- Draw conclusions:
 - Strengths
 - Weaknesses
 - Which programs are performing well
 - Which programs are underperforming
 - Outstanding needs

Strategic Planning



Use conclusions to:

- Develop list of what the SWMD **could** do during the planning period
- Prioritize (of the things that could be done, what are most important?)
- Make program decisions (what **will** the SWMD do to address its priorities?)

A QUICK TOUR OF THE COMMERCIAL SECTOR ANALYSIS



**UNLIKE THE SS MINNOW, THIS ISN'T A THREE
HOUR TOUR THAT ENDS ON A DESERTED ISLAND!**

PURPOSE

Differences

FORMAT AS PLANNING
TOOL

Eliminate Unnecessary
Information

DATA

Strategic Planning



Commercial Sector Analysis

- Geographical
- Functionality
- Other Considerations
- Status of programs in reference year vs. how anticipated in current plan

Preparing the Plan



A BRIEF OVERVIEW OF THE PROCESS

Preparing the Plan



Major Steps

1. Enter reference year information in all relevant worksheets
2. Conduct analyses (Appendix H)
3. Draw conclusions/make decisions (Appendix I)

Preparing the Plan



Major Steps

4. Make projections in worksheets
5. Complete appendices
6. Write chapters/copy & paste tables and charts

The Excel Workbook



YOU WILL **LOVE** ADAM AFTER THIS...

[BUT NOT MORE THAN YOU ALREADY LOVE ME]

Excel Workbook



Dedicated spreadsheet for each table

- Color-coded by appendix
- Detailed instructions specific to each table
- Excel will automatically complete MOST calculations
- Copy & paste tables into plan

Excel Workbook



Spreadsheets linked

- Reduce the number of times a SWMD has to enter the same information into tables throughout the Plan
- Reduce data-entry errors
- Streamline the process

Excel Workbook



Embedded Formulas

- Streamlines process of completing tables
- Still allows flexibility
- Automatically create graphs/charts for analysis

Relationship Between Appendices and Workbook



IT'S A MATCH MADE IN HEAVEN!

Contacts



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Webpage

<http://www.epa.ohio.gov/dmwm/Home/SWMgmtPlanning2/SWMPFormat.aspx>

Questions?



ARE YOU FEELIN' US?

Incorporating the Goals of the 2009 State Plan



WHAT IS CHANGING?

PURPOSE

DIFFERENCES

FORMAT AS PLANNING
TOOL

PREPARING THE PLAN

DATA

Infrastructure



Changes to Goal 1

- Minimum standards for a drop-off to be “creditable”
- “Credit” for a community
- New methods of assigning credit
- Meet for entire planning period

Infrastructure



Changes to Goal 1

Alternative demonstrations:

- Volume-based disposal option
- Curbside start-up option
- Multi-county option

Education and Awareness

Goal 3

Minimum Education Requirements

- Web Site
- Comprehensive Resource Guide
- Infrastructure Inventory
- Speaker/Presenter

Education and Awareness

Goal 4

Outreach and Education Plan

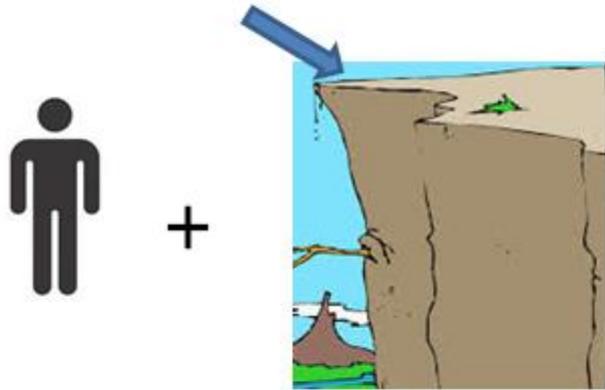
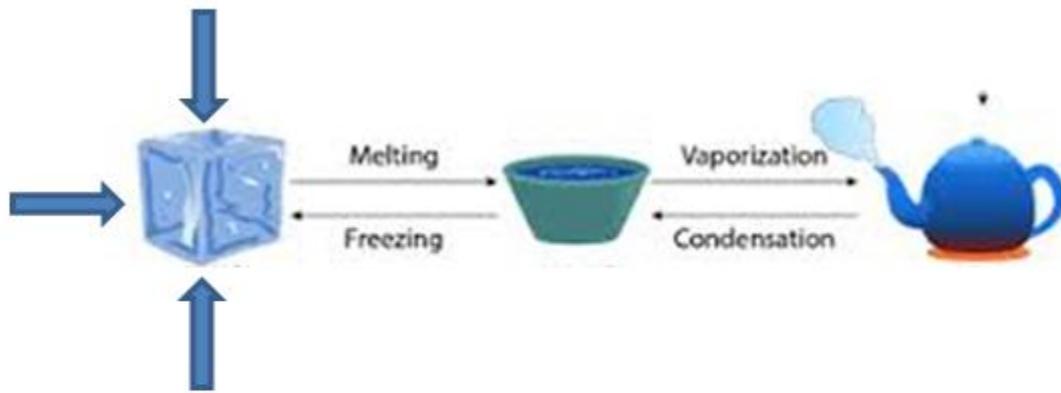
- Address 5 target audiences
- Follow best practices when selecting programs/strategies
- Outreach priority



Goal 7

Measure Greenhouse Gas Reduction

- Use U. S. EPA's Waste Reduction Model (WARM)



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