

EMS Fenceline

SOLID WASTE **E**nvironmental
Management
System

Committed to Continuous Improvement



What is the EMS Fenceline?

- ⦿ “Scope” of the EMS
- ⦿ “Boundaries and Applicability” of the EMS
 - Facilities
 - Programs
 - Services
 - Physical Boundaries

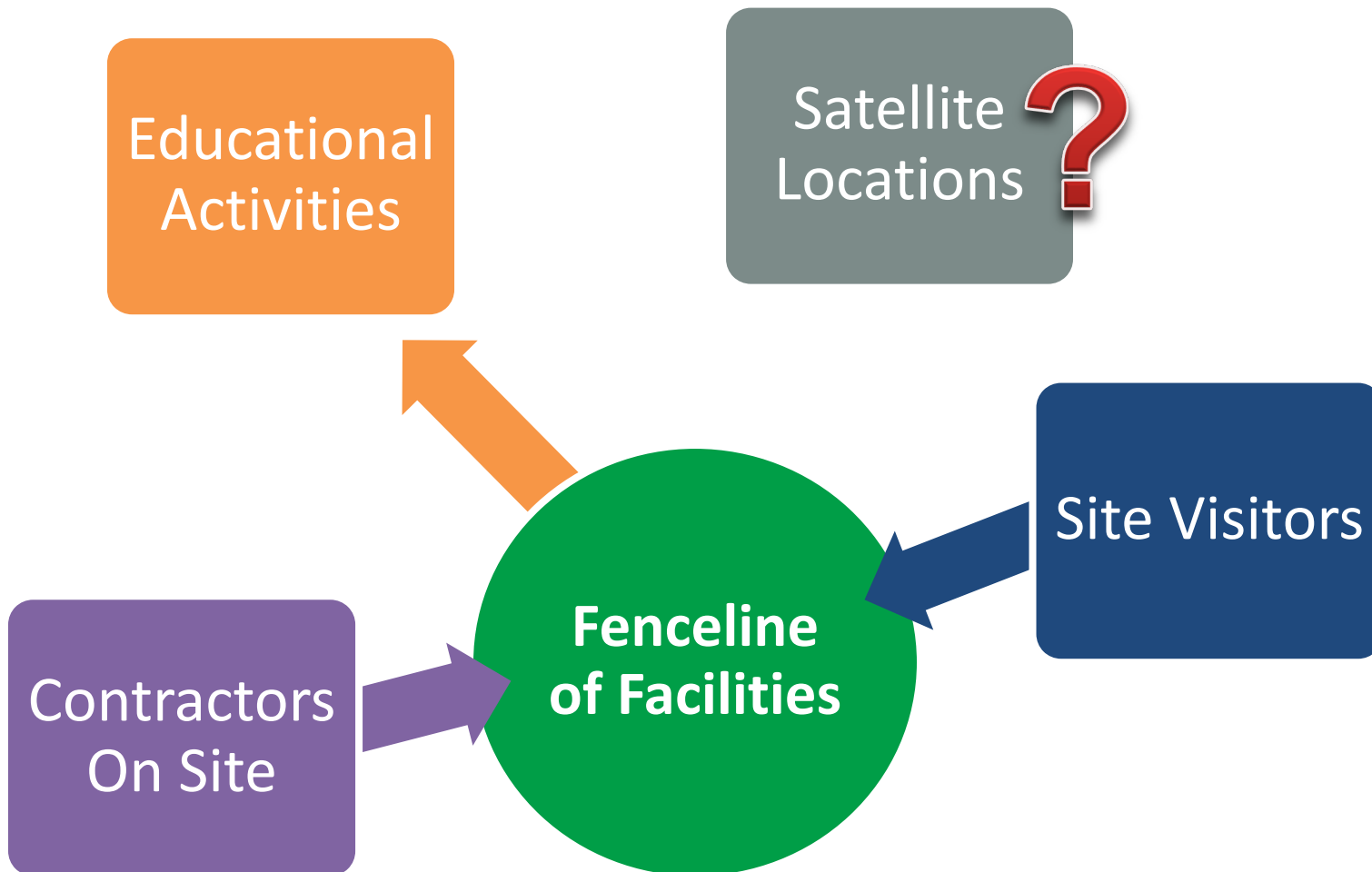


EMS Fenceline

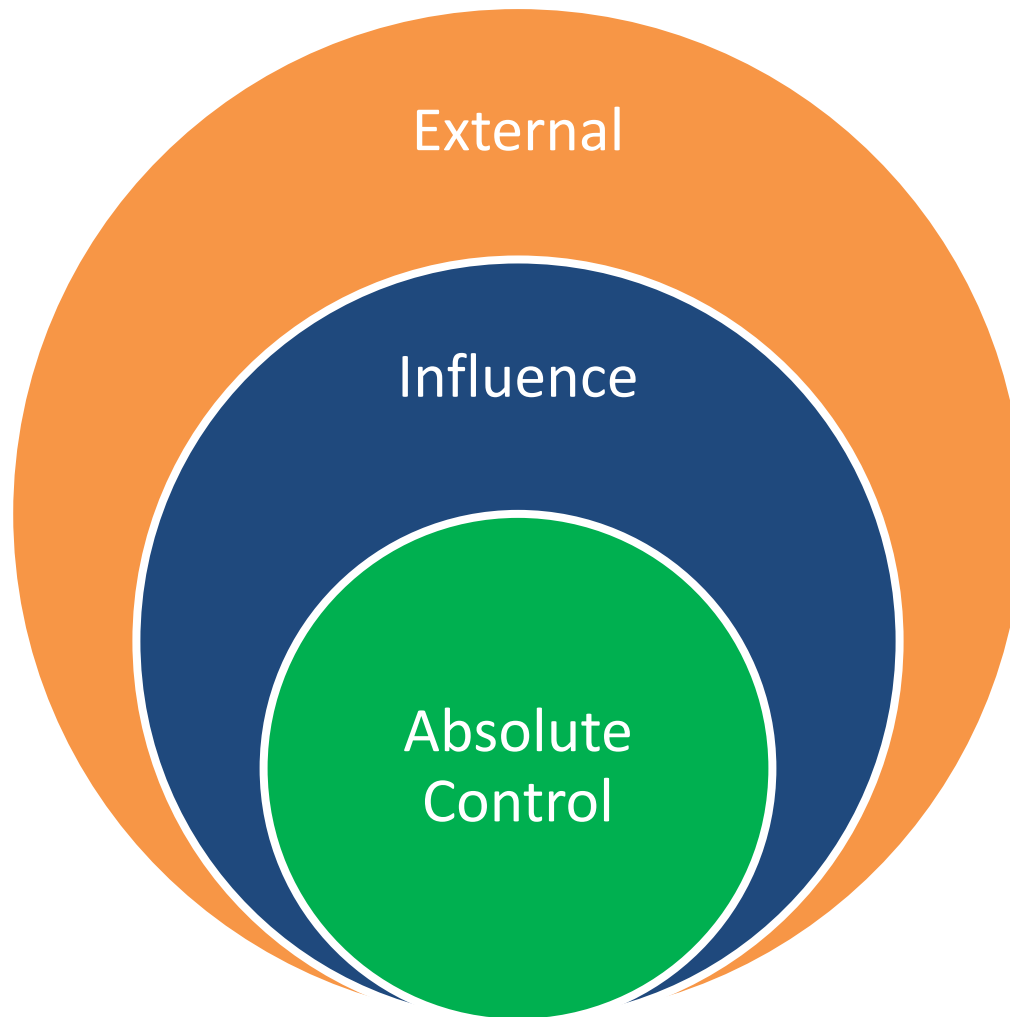
- ◉ Fenceline Defines Operations that Apply to the 10 EMS Elements
- ◉ Start with a Simple, Short Fenceline Statement
 - Update the Fenceline as You Progress on the EMS



Setting Up Your EMS Fenceline



Control



Fenceline: Things to Consider

Environmental Policy

- Who Does the Policy Apply to in the Fenceline



Employees

- Contractors?

Environmental Aspects & Impacts

- What Activities/Aspects/Impacts Are Within the Organization and Service/Planning Area?



Vehicle Maintenance



Landfill Equipment Operations



Organics Waste Generation in Service/Planning Area



Fenceline: 10 EMS Elements

◎ Objectives and Targets

- What Objectives/Targets Can we Set that are Within our Organization and Service/Planning Area?

★ Equipment Replacement to Reduce Air Emissions

- Emissions from Visitors to Facility

◎ Action Plan

- Consider Need to Rely on Third Parties to Complete the Action Plan
 - Financial Assistance
 - Partners or Vendors



Metro Waste Authority Example

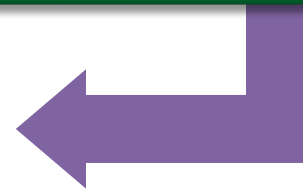
The Metro Waste Authority Fenceline for the Iowa EMS Program will include facilities, programs, and services in MWA's control that are within the Metro Park East Landfill Service Area.



Rathbun Area Solid Waste Commission

Rathbun Area Solid Waste Commission provides waste management services to the Rathbun Planning Area which includes the cities and unincorporated areas of Appanoose County and the cities of Promise City and Seymour of Wayne County. RASWC processes recycling material for Monroe and Wayne counties. The RASWC Environmental Management System is comprised of the following five major elements:

- ◉ *Transfer Station*
- ◉ *Recycling Center*
- ◉ *Regional Collection Center*
- ◉ *Educational Program*
- ◉ *Closed Appanoose County Sanitary Landfill*



Best Practices



- NOTE: Other Tier 1 Participants had Some Difficulty in the First Drafting of the Fenceline Statement but Understood Upon Developing Objectives and Targets
- Start with a Short Simple Statement Based on Your Knowledge Today, and Update it as Necessary
- Remember Continual Improvement



The EMS Environmental Policy Statement



Iowa Solid Waste EMS Framework

- Actively Pursuing Six Program Components



- By Implementing a Framework of 10 Elements



HF 2570 Essentials



Environmental Policy Statement:

Statement by the organization of its intentions and principles in relation to its overall environmental performance which provides a framework for action and for the setting of its environmental objectives and targets, and its commitment to continual improvement through the EMS.



Required Features



- ✓ Express Intentions Related to Environmental Performance
- ✓ Establish a Framework for Action and Setting Objectives and Targets (Environmental Goals and Associated Actions)
- ✓ Commit to Continual Improvement through EMS



Things to Consider

- ✓ The Policy Should Express Overarching Management Commitments
- ✓ Must be Documented and Approved by Management
- ✓ Set a Policy that Reflects Size and Scope of the Operations
- ✓ Use the Policy for Communication
- ✓ Use Familiar Terminology
- ✓ Make it Memorable (i.e., create an acronym)

The Policy Should Express Management's Overarching Environmental Commitments and Intentions



- ① Should Reflect Organization and Operational Realities
- ① Review Existing Management Commitments to the Environment
 - Are There Commitments to Sustainability?
 - Commitment to Environmental Compliance?
 - Others?
- ① If There are No Existing Documented Commitments
 - Start with Compliance
 - Consider Verbal Directives



Set a Policy that Reflects Size and Scope of the Operations

- Be Clear and Concise
 - Three Pages for 10 Employees is Probably Excessive
- The Policy Should Be Approved at the Appropriate Management Level
 - Staff Level
 - Director Level
 - City Council



Establish a Framework for Action and Setting Objectives and Targets

- Overall Statement of How Objectives and Targets will be Set and Progress Measured
- Example: “Objectives and Targets Will be Set by Staff and Progress Measured and Reporting Annually”



Commitment to Continual Improvement through the EMS

Simply State:

“Commitment to Continual Improvement using the EMS”

Or Expand...

“We will Continually Improve our Environmental
Performance Through the Use of our EMS by....”

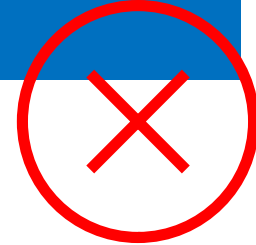


How Are You Going to Use the Policy?

- ⦿ Meet Iowa Requirements!!!
- ⦿ Educate Staff
- ⦿ Educate the Public
- ⦿ Bring Along Naysayers
- ⦿ Organize and Direct Environmental Programs



Example #1



The Organization will implement an Environmental Management System (EMS) to best serve its customers' solid waste needs. The Organization is committed to:




- **Improving its environmental performance,**
- **Providing excellent service, and**
- **Following best practices to manage the area's solid waste.**



Example #2

By implementing and maintaining an Environmental Management System we are committed to an ongoing effort of promoting environmental responsibility as an organization as well as emphasizing a heightened environmental awareness to interested parties and stakeholders.

We will demonstrate our commitment to this policy through:

- **Regulatory Compliance** – We will meet or exceed applicable regulatory requirements, 
- **Prevention of Pollution** – We will identify and prevent or minimize pollution in areas attributed to our operations, wherever feasible, and 
- **Continual Improvement** – We will continue to seek out ways to improve our environmental performance using this policy as the basis upon which we set our objectives and targets. 



Metro Waste Authority Environmental Policy

Metro Waste Authority's vision of "No Wasted Resources" elevates environmental protection to one of fundamental importance. Because our employees impact this vision in their daily activities, all are dedicated to carrying out responsibilities for environmental stewardship through:

- **Pollution Prevention** – We will identify and prevent or minimize pollution in all areas of our operations wherever feasible.
- **Regulatory Compliance** – We will comply with all relevant environmental legislative, regulatory, permit and other requirements associated with our industry.
- **Continual Improvement** – We will constantly look for ways to improve our environmental performance using this policy as the basis upon which we set our goals.
- **Training** – We will provide the tools to create awareness of MWA's environmental impacts, protect health and safety, comply with rules and regulations, and support our environmental objectives.

Metro Waste Authority is dedicated to carrying out our environmental responsibilities in a manner that demonstrates true leadership in integrated solid waste management while continuing to provide the highest level of service.

We will work collaboratively with our customers, suppliers and our communities on environmental issues. We will measure and review our progress annually and periodically report the results to our stakeholders.



RATHBUN AREA

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SOLID WASTE COMMISSION

Iowa EMS Pilot Project
Environmental Management System
Environmental Policy Statement
Doc ID# 002EMS-09
December 3, 2009

Rathbun Area Solid Waste Commission is committed to developing and maintaining an Environmental Management System for the purposes of enhancing environmental stewardship of the Rathbun Planning Area. RASWC's commitment will be demonstrated through regulatory compliance and continual improvement in the following six categories:

- Yard waste management
- Household hazardous waste collection
- Water Quality improvement
- Greenhouse gas reduction
- Recycling services
- Environmental education

In keeping with this policy, RASWC will establish and maintain an EMS that provides a framework for setting and reviewing RASWC's environmental objectives and targets for each of its processes, services and/or activities.

Adopted: December 8, 2009
Date

/s/ Ralph Alshouse
Chairman: Ralph Alshouse

/s/ Jennifer Frampton
Secretary/Treasurer: Jennifer Frampton



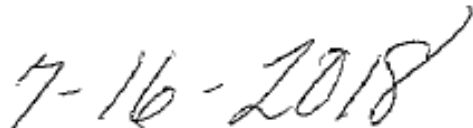
Gresham
Smith

Regional Environmental Improvement Commission (REIC) of Iowa County Environmental Policy

The Regional Environmental Improvement Commission (REIC) of Iowa County is committed to improving solid waste management and environmental stewardship in the REIC service area. Our commitment will be demonstrated through regulatory compliance and continual improvement that is guided by an Environmental Management System (EMS). REIC's EMS provides a framework for pursuing environmental objectives and targets for its operations, services, and programs. REIC's EMS will be maintained by the Core Team, and progress will be measured and reported annually.

This environmental policy is approved by the Regional Environmental Improvement Commission (REIC) of Iowa County. All future edits to this policy must be reviewed and approved by the Commission.


John Gahring, REIC Chairperson



Date

Best Practices



- ⦿ No More Than One Page
- ⦿ Don't Over Commit/Careful of Using "Ensure"
- ⦿ Signature to Indicate Approval
 - Consider Management Approval Process and Timing
- ⦿ Post Policy At Facility/Website
- ⦿ Fit the Policy to Your Organization
 - Inspirational
 - Instructional
 - Regulatory
 - Combination
- ⦿ Recognize that Change May be Difficult



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