

Bureau of Land Management

New Mexico

EMS Environmental Management System

new mexico

BLM



Basic Awareness

June 2012



EMS Environmental Management System

Introduction

Overview

- What is an EMS?
- What are the major concepts of EMS?
- Why is an EMS important?



Rio Grande Gorge – Taos Field Office



EMS Environmental Management System

Introduction

The Nature of EMS

- NOT a computer system
- Is about management practices and planning
- Is about the environmental stewardship of an entire organization



Taos Field Office



EMS Environmental Management System

What is an EMS?

EMS Defined

A framework to:

- Systematically identify and reduce impacts on the environment
- Continually improve operating procedures
- Integrate environmental considerations into all operations





EMS Environmental Management System

What is an EMS?

EMS Defined (cont.)

- A component of overall management systems that accounts for environmental programs and policy
- A continual cycle of planning, implementing, reviewing, and improving processes and actions to meet organizational and environmental goals



Las Cruces District Office



EMS Environmental Management System

What is an EMS?

Facts and Characteristics

- Leads to continual improvement
- Most are based on the ISO 14001
- EMS standard



- Existing environmental management activities can be **integrated** into an EMS



San Isidro Oil Well – Rio Puerco Field Office



EMS Environmental Management System

What is an EMS?

Facts and Characteristics

- Should be **flexible** and not require you to “retool” your activities
- Should accomplish core goals of pollution prevention, environmental compliance, and sustainable activities
- Must support the BLM’s mission



Farmington Field Office



EMS Environmental Management System

What is an EMS?

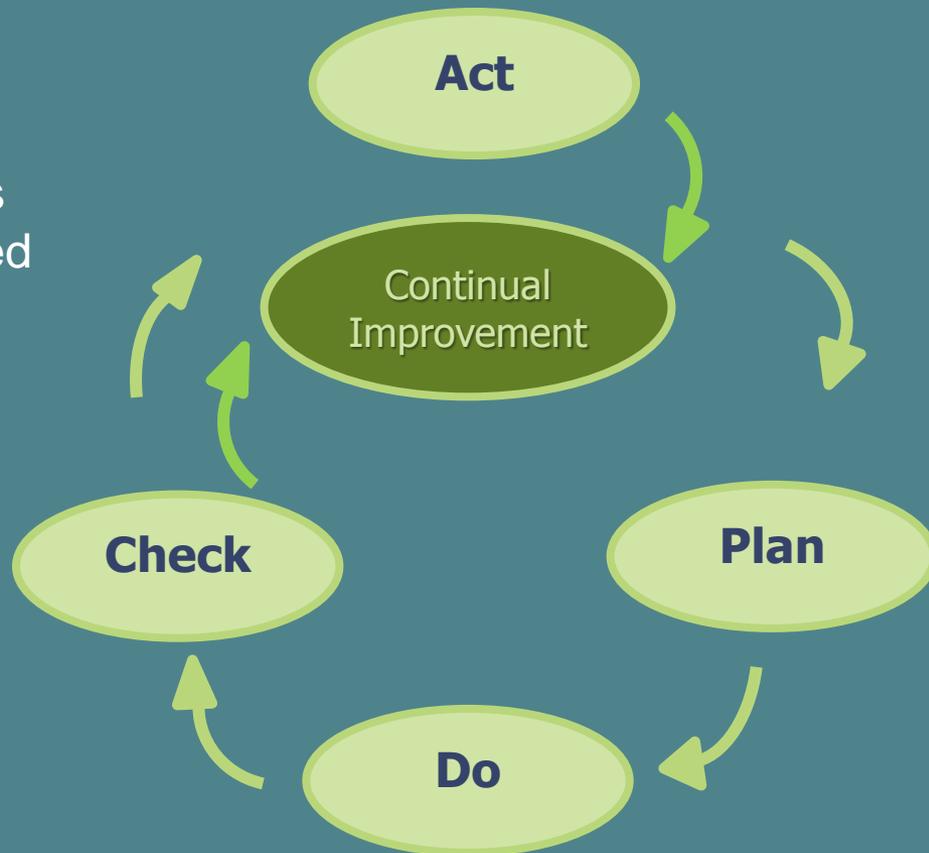
The EMS Cycle

Plan - Environmental aspects and impacts identified; objectives and targets established

Do - Operational controls and procedures established; training provided

Check - Compliance and management system assessed; performance measures monitored

Act - Addressing any nonconformities identified during the checking phase of the cycle



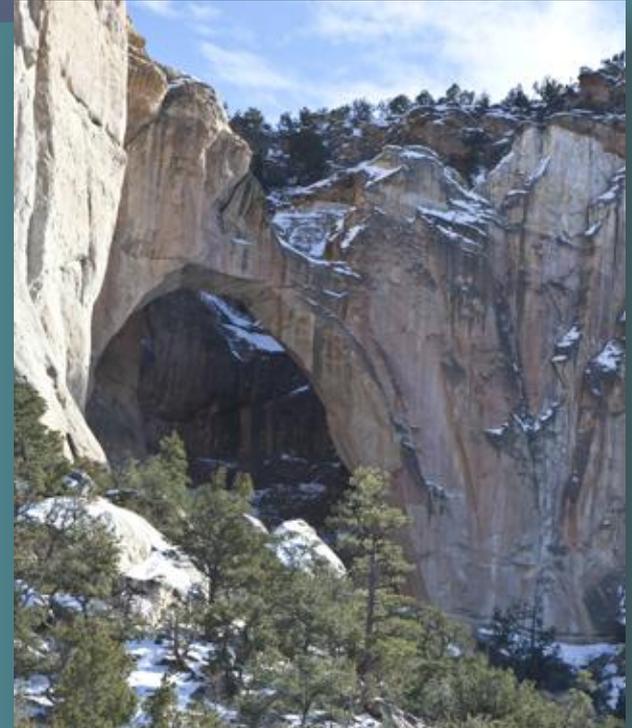


EMS Environmental Management System

What is an EMS?

Keys to a Successful EMS

- Top leadership commitment
- Focus on continual improvement
- Flexibility
- Compatibility with BLM's culture
- Employee awareness and involvement



Successful EMS starts with you!



EMS Environmental Management System

4 New Mexico Aspects

- **Plugging and Abandonment of Inactive Oil and Gas Wells**
- **Spill Response at Oil and Gas Wells**
- **Healthy Lands**
- **Recycled Material Use in Construction Activities**



EMS Environmental Management System

Why is an EMS important?

The Benefits of an EMS

- Long-term sustainability of activities
- Decreasing environmental impacts on public lands and preventing pollution
- Increasing efficiency of operations by reducing environmental-related costs
- Using materials and resources more effectively to fulfill the mission
- Avoiding cost associated with cleanups, fines, and violations



Drilling Rig – Oklahoma Field Office



EMS Environmental Management System

Who needs to know about it?

Kasha-Katuwe Tent Rocks – Rio Puerco Field Office

“No man is an island, entire of itself;
every man is a piece of the continent.”



John Donne
(1328-1384, English reformer)



EMS Environmental Management System

Who needs to know about it?

EMS Roles and Responsibilities

Planning/Implementing Phase

New Mexico EMS Aspect Leads:

- Plugging and Abandonment of Inactive Oil and Gas Wells – Jay Spielman
- Spill Response at Oil and Gas Wells – Rebecca Hunt
- Healthy Lands – Don Ellsworth
- Recycled Material Use in Construction Activities – Elaine Lopez



EMS Environmental Management System

What do we need from you?

- Participation
- Ideas
 - Improvements to the EMS
 - New aspects, objectives, or targets
- Openness



A River Runs Through it – Taos Field Office



EMS Environmental Management System

EMS is a tool, use it well

“We are taught by great actions that the universe is the property of every individual in it.”

Ralph Waldo Emerson
(1803-82); American poet and essayist

Overlooking the Rio Grande Gorge – Taos Field Office

How will you respond?