



Naval Air Station, Whiting Field

Environmental Management System (EMS)

General Awareness Training



Your Environmental Management System (EMS)



NAS Whiting Field CAN DO!





Introduction



At NAS Whiting Field, protecting the Environment is everyone's responsibility.

Performing your job in an environmentally responsible way benefits us all by:

- protecting the health of the surrounding environment**
- preserving our training areas and support facilities for future generations**
- being a good neighbor to surrounding communities**
- avoiding regulatory compliance violations**
- saving money by decreasing waste**





Introduction (continued)



As a member of the NAS Whiting Field community, you need to:

- know how your job impacts the environment
- Adhere to standard environmental operating procedures
- Know the potential environmental impacts of your job
- Know the environmental regulatory requirements of your job





Why Do We Care?



Impacts to the environment from the normal, day-to-day activities at this installation can be substantial. Through our Environmental Management System (EMS), NAS Whiting Field strives to ensure that the impacts of our activities are limited, and *beneficial*, not detrimental to the environment.



Examples of good environmental care: Clean up a neighborhood; Separate recyclables from trash; Plant a tree



What Are We Already Doing?



NAS Whiting Field has already taken several steps on the path toward continual environmental improvement.

- Aggressive Energy and Water Use Reduction Program**
- Environmental Restoration and Clean-up**
- Urban Forestry Initiative**
- Prescribed Fire for Endangered Species Habitat**





What is EMS?



- ❑ An EMS provides a framework for:
 - Consistently addressing and resolving environmental issues before they become problems
 - Establishing measurable environmental objectives and targets that lead to continually improving environmental performance for this installation

- ❑ An effective EMS integrates key environmental considerations related to the work we do at NAS Whiting Field into day-to-day management decision making.





Why do we have to implement an EMS?



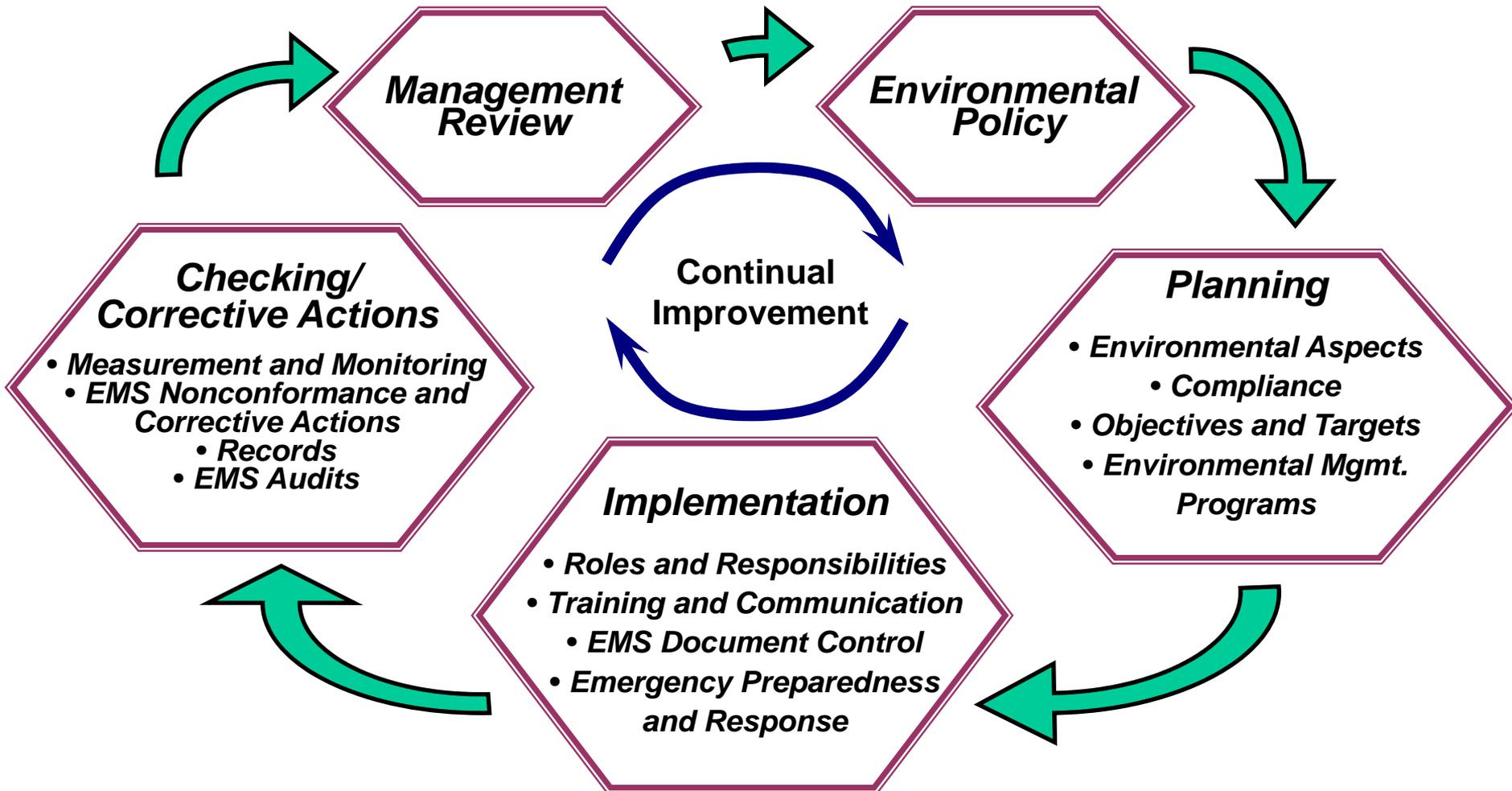
Executive Order 13423 "Strengthening Federal Environmental, Energy, and Transportation Management"

- ❑ The order, signed by the President of the United States, sets goals in the areas of energy efficiency, acquisition, renewable energy, toxics reductions, recycling, renewable energy, sustainable buildings, electronics stewardship, fleets, and water conservation
- ❑ In addition the order requires more widespread use of Environmental Management Systems as the framework in which to manage and continually improve these sustainable practices
- ❑ Navy policy also requires NAS Whiting Field to have an EMS in place by September 2009





Detailed Elements of EMS



NOTE: AN EMS IS A CONTINUING PROCESS NOT AN EVENT!



Major EMS Concepts



An ISO 14001 EMS has many elements. For this training, we are going to review three main elements:

1. Environmental Policy
2. Environmental Aspects
3. Environmental Impacts





Environmental Policy

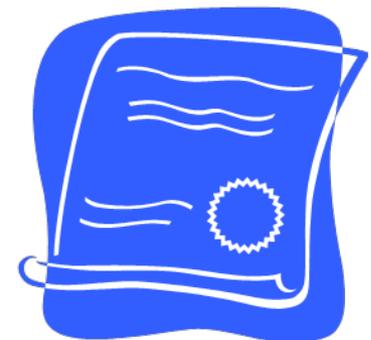


NAS Whiting Field publishes its intentions and principles in relation to its overall environmental performance through its **Environmental Policy**.

Our Environmental Policy highlights:

- Our commitment to continual improvement
- Our commitment to comply with relevant environmental regulations
- Our commitment to ensure objectives and targets are met
- Our communication to NAS Whiting Field employees and to the public that we care about the environment

All employees are required to be familiar with NAS Whiting Field's Environmental Policy.





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IN REPLY REFER TO



NAVAL AIR STATION WHITING FIELD ENVIRONMENTAL POLICY STATEMENT

Naval Air Station Whiting Field recognizes environmental excellence as a principal factor in successful mission accomplishment. NASWF established a goal of protecting, preserving and conserving the environment through active stewardship and advocacy for our unique natural resources. To accomplish this goal, NASWF collectively commits to prevention of pollution and compliance with environmental laws and regulations through a process of continual improvement. The following principles will guide NASWF's efforts:

- Evaluate practices and develop objectives, targets and procedures to meet established goals and mitigate environmental impacts.
- Conduct annual management reviews to assess the achievement of objectives and targets, and to determine the effectiveness of the Station's Environmental Management System as a process for continual improvement.
- Communicate NASWF's Environmental Policy to Station personnel and educate them in their roles and responsibilities as stewards of the environment.
- Increase community awareness of NASWF's environmental program through use of the NASWF website as well as participation in environmental outreach activities such as Earth Day.



As we go about accomplishing our mission...



Negative Environmental Impacts Harm the Environment



Restoration of a fuel leak

Positive Environmental Impacts Preserve, Improve and Sustain the Environment



Prescribed fire for healthy forests

...Allowing us to continue what we do: Successfully Operate a vital military installation



Objectives and Targets



Our Policy requires NAS Whiting Field to establish measurable objectives and targets for significant environmental aspects.

NAS Whiting Field proposed objectives and targets:

Objective:

Reduce Solid Waste

Reduce Energy Consumption

Reduce Water Consumption

Chemical Use Tracking

Target:

5% per year from 2008 baseline

3% per year from 2009 baseline

2% per year from 2009 baseline

100% tracking in ERP system by 2012



Environmental Operational Controls



Management controls are an essential tool for controlling our impacts to the environment.

Examples of management controls include:

- ❑ Standard Operating Procedures or Technical Orders
(Example: Following a Manufacturer's Operating Instructions)
- ❑ Abiding by Permit Requirements (e.g. Do not store hazardous waste for more than 90 days and only in HazWaste Storage Area)





Environmental Operational Controls (continued)



Making sure that we inspect a fuel tank when scheduled, this is an example of an Operational Control





YOUR PARTICIPATION





Why do I need to be involved?



An effective Environmental Management System requires the participation of all installation personnel, because everyone's activities can impact the environment. *The success of the NAS Whiting Field EMS depends on YOU!*



This is why we like to refer to our “EMS” as Everyone’s Management System!



What is my role in the NAS Whiting Field EMS?



All personnel will have roles and responsibilities in the NAS Whiting Field EMS.

- Your level of participation will vary according to the work you perform.

At a minimum, you are responsible for knowing:

- The commitments of the NAS Whiting Field Environmental Policy
- How your job impacts the environment
- The procedures of your job and adhering to them
- The potential environmental impacts of departing from the procedures of your job
- The legal and other environmental requirements of your job



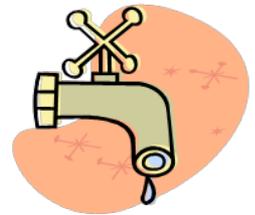


How does my Job Affect the Environment?



Just because you think your daily activities at work don't have environmental impacts doesn't mean it's true!

- ❑ Even an office worker's activities have impacts: especially in the areas of consumption of electricity, water, and generation of solid waste



- ❑ Collectively, because of their sheer number, administrative/office job functions contribute heavily to the installation's most significant environmental aspects



What Can You Do to Minimize Environmental Impacts



- Reduce the use of hard-to-replace resources and materials. How?
 - **Don't over order: Minimize Hazardous Materials Storage**
 - **Limit the use of energy (turn off the lights)**
- Reuse supplies and materials
 - **Utilize Proper HazMat Supply Procedures**
 - **HazMat Supply (850) 623-7218**
- Recycle what can't be reused
 - **Cardboard, paper, plastic bottles, aluminum and tin**
- Buy recycled materials
 - **Executive orders require Federal Government credit card purchase holders to purchase "green" products. (i.e. 30%+ post consumer recycled paper, energy star appliances, etc.)**

Remember:
This is your backyard!





Summary



All personnel should understand the commitments of the NAS Whiting Field's Environmental Policy and are responsible for performing work in an environmentally responsible manner.

Remember that you are responsible for knowing:

- How your job impacts the environment
- The environmental procedures of your job and adhering to them
- The potential environmental impacts of departing from the procedures of my job
- The legal and other environmental requirements of my job





Important Environmental Contacts



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Congratulations!

You have completed the:
NAS Whiting Field
EMS Awareness Training