



# THE HANFORD SITE

## Methods to Increase Environmental Management System Awareness and Education

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*October 2019*

## Mission Support Alliance Environmental Policy

It is Mission Support Alliance's (MSA) policy to be responsible stewards of the environment. Sustainable environmental stewardship practices shall be incorporated as a core value in all our operations. MSA is committed to achieving environmental excellence through the systematic integration of environmental protection, as well as worker health and safety protection, and quality principles in all operations. To this end, MSA will establish, document, implement, maintain and continually improve an environmental management system (EMS) that will be an integral component of the MSA Integrated Safety Management System.

In support of this policy, MSA shall:

- **Continual Improvement:** Foster environmental stewardship and strive to continually improve our environmental performance.
- **Objectives and Targets:** Determine, on an annual basis, the aspects of our operations that impact the environment and establish environmental performance objectives, indicators and/or targets.
- **Environmental Communications:** Provide employees, stakeholders and interested members of the public timely, accurate, and meaningful information related to our environmental performance.
- **Pollution Prevention:** Integrate environmental monitoring, pollution prevention, resource conservation, waste minimization, energy and transportation management, chemical management, ecological and cultural resource management, and green purchasing into our operations.
- **Stakeholder Engagement:** Work together with our customer, other prime contractors, subcontractors, regulators, tribal nations, stakeholders, and the public, when practical or required, to improve our environmental performance.

This policy shall be communicated to all MSA employees and to MSA subcontractors and shall be made available to the public. Employees and subcontractors shall adhere to this policy.

- **Environmental Protection:** Assess our activities and promptly report and seek to correct environmental incidents and deficiencies.
- **Performance Review:** Perform an annual review of objectives, indicators and targets, as well as our EMS, to identify programmatic strengths, weaknesses and areas needing improvement. Top management shall review the results of this assessment.
- **Compliance with Requirements:** Comply with all applicable environmental laws, regulations, directives and agreements.



## The Four Essentials of EMS

All CHPRC workers must be aware of:

### 1. The Environmental Policy, **PRC-POL-EP-5054**

Which can be summed up as... **C2P2!**

Compliance  
Continual improvement  
Pollution  
Prevention

### 2. The significant environmental aspects (activities) and related impacts associated with their work.



### 3. Their role in the EMS, including the benefits of enhanced environmental performance

To protect and improve the environment

### 4. The importance of not

rec

age, s  
action



washington river protection solutions  
Environmental Management System

## 7 Core Elements



### Context of the organization

- Understanding the organization and its context
- Understanding the needs and expectations of interested parties
- Determining the scope of the environmental management system
- Environmental management system

### Support

- Resources
- Competence
- Awareness
- Communication
- Documented information

### Operation

- Operational planning and control
- Emergency preparedness and response

### Planning

- Actions to address risks
- Environmental objectives and planning to achieve them

### Performance evaluation

- Monitoring, measurement, analysis and evaluation
- Internal audit
- Management review

### Improvement

- General
- Nonconformity and corrective action
- Continual Improvement

### Leadership

- Leadership and commitment
- Environmental Policy
- Organizational roles, responsibilities and authorities

### Environmental Management System

MSA Environmental Policy

- Practice Environmental Stewardship
- Comply with Requirements
- Continually Improve Environmental Performance
- Prevent Pollution and Minimize Waste
- Assess Performance
- Communicate with Stakeholders

MSC-POL-EP-5054 MSA Env. Policy

### Environmental Management System EMS and You

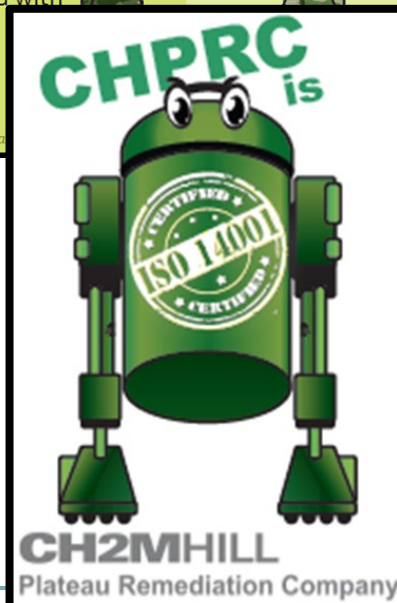
**Know:**

- How your work can impact the environment.
- How you can prevent these impacts.
- What to do in case of an emergency or incident.

**Do:**

- Consider environmental impacts when planning and performing your daily work.
- Identify ways to eliminate or reduce environmental impacts from your work.

MSC-PLN-EL-42081 MSA EMS Description



- Get employees involved
  - Connect their work and environmental aspects
  - Plan a volunteer event
  - Quiz their knowledge

#### CHPRC's FY19 Top 3 Significant Environmental Aspects

1. Other Emissions to Air  
Non-greenhouse gas emissions to air including stack emissions and accidental releases
2. Water Use  
Such as restroom and other facility water use
3. Environmental Remediation  
From work at the projects, including D4 activities



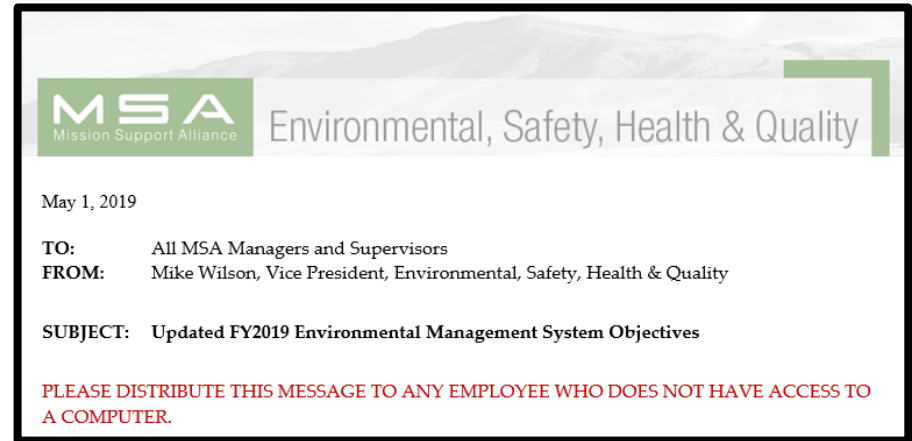
FY2019 MSA Environmental Aspects

MSA Rank	Environmental Aspect	Example Work Activities
1	Emissions to Air	Driving vehicles (commuting and at work), generator and engine use, heavy equipment operation, road maintenance, delivery and pickup of Hanford mail, AC repairs, freon installation and removal
2	Pollution Prevention	Recycling, green procurement, printing double sided, skype meetings, records storage
3	Toxic and Hazardous Material Use and Storage	Use of batteries, toner, chemicals, etc, fixing BizHub copiers, printing, spraying pesticides and herbicides, use of chlorine



# THE HANFORD SITE | EMS Awareness - Updates

- Utilize company newsletters and employee messages
- Webpage banners
- Memorandums
- Social media













### Our ISO 14001-Certified Environmental Management System (EMS):

*Upcoming audits: what YOU need to know*

Our EMS has been ISO 14001-certified since 2012. This certification assures CHPRC's commitment to preventing pollution and waste, managing our environmental impacts and complying with our environmental requirements, all while striving to continuously improve our system.

All Hanford contractors must *conform* to the ISO standard, but CHPRC is one of only two contractors on Site who are **ISO-14001 certified** through third-party independent NSF certification.

CHPRC is conducting the internal EMS assessment throughout the month of May in advance of the annual external EMS audit scheduled for **June 24-27**.



An updated poster of the  
**"The Four Essentials of EMS"**  
now includes the top three significant environmental aspects.  
Click [here](#) to print copy for reference.

**All workers must be aware of:**



Issue: 05/06/2019

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## SUPERVISOR BRIEFINGS POINTS

*We all play a role in environmental compliance by understanding the requirements and by meeting our environmental obligations **every time**.*

### CHPRC's top three environmental aspects

The work we do cleaning up the Hanford Site includes many activities (or, **aspects**) with the potential to effect (or **impact**) the environment.

The **three most significant** company-wide environmental aspects for the 2019 Fiscal Year are:

- Other Emissions to Air**  
Non-greenhouse gas emissions to air including stack emissions and accidental releases
- Water use**  
Impacts associated with the use of potable and non-potable water (e.g., restroom and other facility water use)
- Environmental Remediation**  
Impacts from work at various projects, such as 100K soil remediation and D4 activities

### Ask the following questions:

- Do you know what **your project or organization's environmental aspects** are?
- How does your work impact the environment?
- What are the potential consequences of not meeting our compliance obligations?



For questions, contact  
Sara Austin, 376-4339.

Comments and suggestions for Thinking Target Zero can be sent via email to \*CHPRC Occupational Safety & Industrial Hygiene


Issue: 05/06/2019

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- EMS briefs at back to work meetings
- EMS computer based training
- Audit preparation training


### MSA WORKER

[Packet Download](#)



### MSA MANAGER

[Packet Download](#)



### KNOW YOUR BADGE

## ABOVE & BEYOND

MSA successfully pursued ISO 14001 Certification for our Environmental Management System. Like the **VPP Star**, ISO Certification is voluntary and recognizes excellence in our work.

### Why are we maintaining it?

To prove our commitment to environmental stewardship.

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[Know Our Policy](#)

[ISO Presentation](#)

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