



Utilizing SharePoint and Overcoming Technology Obstacles to Implement and Communicate EMS throughout the Fort Leavenworth Installation

Dale Cleland

Chief, Environmental Division, US Army Garrison Fort Leavenworth

Aaron Siders

Senior Consultant, The Solution Foundry

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE MAY 2011		2. REPORT TYPE		3. DATES COVERED 00-00-2011 to 00-00-2011	
4. TITLE AND SUBTITLE Utilizing SharePoint and Overcoming Technology Obstacles to Implement and Communicate EMS throughout the Fort Leavenworth Installation				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) US Army Garrison Fort Leavenworth,Environmental Division,Fort Leavenworth,KS,66027				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 9-12 May 2011 in New Orleans, LA.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			
			Same as Report (SAR)	13	



Agenda

- **EMS Background**
- **Problem Statement**
- **Pros**
- **Cons**
- **Way Ahead – SharePoint 2010**
- **Site-specific Features**



Background

- EMS required by EO 13423 and 13514
- DoD adopted ISO 14001 model
- Fort Leavenworth adopts HTML hybrid format
- Worked well inside the Combined Arms Center firewall
- Mirrored selected material on AKO
- Office 2007 doesn't include FrontPage (HTML editor)

The Problem

How to create a system which can be seen by all tenants of Fort Leavenworth

- Fort Leavenworth contains 3 major separate networks (CAC, MEDDAC and USDB) with only by-name cross connections
- EMS became a burden rather than a resource

The Solution [Foundry]

Hang EMS on a SharePoint 2007 structure

- CAC already had servers and support
- Solution Foundry already had SharePoint expertise with a SharePoint version of the digital EMS
- Look and feel similar to HTML
- The BIG benefit: CAC was already sharing data across network firewalls with SharePoint



Pros

- **Access by all with Common Access Card (smart-chipped DoD ID card)**
- **Made EMS a real-time document system again**
 - ✓ **Cross functional team use**
 - ✓ **Environmental Quality Control Committee**
 - ✓ **All tenants for policy and reporting needs**
- **Eliminated mirrored AKO site**
- **Other DoD elements and AKO-sponsored accounts**

Pros

- **SharePoint has Network Enterprise Command (NEC) “certificate of networthiness”**
- **Document library capability uses editable documents**



Cons

- **SharePoint learning curve**
 - (sounds like a person[n]el problem to me)
- **Initial data transfer**
- **Hosting (local NEC not yet SharePoint experts)**
- **SharePoint 2010 conversion was “imminent”**

The Way Ahead – SharePoint 2010

- **Implemented at CAC as we speak**
- **Conversion/data transfer process starting late May**
- **Provides a number of improved features at the user level:**
 - ✓ **More messaging (aids in workflow speed)**
 - ✓ **Access database use through SharePoint**
 - ✓ **Wider records management (“laminating”, archiving rules)**
 - ✓ **Social networking interface**

Home page


Fort Leavenworth

Environmental Intranet

Environmental Management System
This Site: Environmental Mana

[Environmental Management System](#)
[Emergency Response](#)
[Activities](#)
[CFT](#)
[EMS](#)
[EQCC](#)
[External Comms Log](#)
[Programs](#)

[View All Site Content](#)

Documents

- Cell Phones for Soldiers

Lists

- Printer Cartridges Available
- Lab Analysis Tracking
- Restoration Document Information

Fort Leavenworth Environmental Management System and Programs

Environmental Stewardship is one of the keys to [Army Sustainability](#) on Fort Leavenworth. The concept includes everyone, from fence to fence, and every action and material, from cradle to grave. The DOL/DPW Environmental Division is committed to assisting all of Fort Leavenworth in achieving sound environmental stewardship practices. The environmental programs we manage (lead-based paint, household hazardous waste, hazardous waste, etc) are under the Environmental Programs tab above.

The Environmental Management System is the federal government's system for complying with [Executive Order 13148](#). In [2001](#) the Department of Army adopted the [ISO 14001](#) environmental management standard. It is a systematic approach to integrating and sharing the environmental actions and information on Fort Leavenworth.

This intranet management tool provides access to EMS policies, procedures, and related environmental documentation that apply to the operations of Fort Leavenworth. The goals of this web include:

- Provide quick and complete access to Environmental Division information, reports and contacts
- Assist in supporting and communicating EMS initiatives and the Environmental Policy Statement throughout Fort Leavenworth
- Promote sustainability principles throughout the EMS
- Demonstrate the implementation of installation-wide EMS systems

Announcements

Firewood 9/23/2010 9:58 AM
by
[Nowak, Matt C Mr CIV USA IMCOM](#)
Firewood is available by permit from the DPW Environmental Division - Natural Resources, Building 80. Fee is \$25 per pickup truck load (or equivalent).

Eddie Dixon Sculptor



Local intranet | Protected Mode: Off
100%

External Communications Log

Environmental Management System

Environmental Management System | Emergency Response | Activities | CFT | EMS | EQCC | External Comms Log | Programs

This Site: Environmental Mana

Environmental Management System > Web Part Pages > External Communications Log

External Communications Log

	Title	Date Initiated	Date of Response	Received By	Initiated By	Name of Responder	Description of Communication	Result of Communication
	Technical Memorandum: Geophysical Results and Future Investigation Recommendations for FTL-72	4/21/2011			Stephanie Harris-Carr	Bruce Morrison - USEPA (USPS NO. 7001 2510 0001 4639 6252)	Technical Memorandum: Geophysical Results and Future Investigation Recommendations for FTL-72	
	1st Quarterly Report - 2011	4/20/2011	5/4/2011	Stephanie Harris-Carr	Stephanie Harris-Carr	Bruce Morrison - USEPA Region VII	1st Quarterly Report - 2011 (Certified transmittal) USPS certification: 7001 2510 0001 4639 6276 - KDHE 7001 2510 0001 4639 6245 - EPA	Draft submitted with no EPA comments. Comments received/addressed by KDHE on 03/04/11.
	Proposed Monitoring Well Abandonment FTL-10 & FTL-15	4/6/2011		Stephanie Harris-Carr	ARCADIS	Bruce Morrison - EPA Region VII	Certified transmittal for receipt of (select wells) Proposed Monitoring Well Abandonment for FTL-10 & FTL-15	
	Response to KDHE 22 March 2011 letter on landfill cover	3/22/2011	4/7/2011	Dale Cleland	Dale Cleland	Brian D'Alfonso - Bureau of Field Services	Tracking protocol for 120-day landfill cover	Response to KDHE 22 March 2011 letter on landfill cover
	Response to Comments on the Draft Installation Action Plan	3/7/2011	3/22/2011	Stephanie Harris-Carr	Jacqueline Grunau - KDHE/BER	Stephanie Harris-Carr	Received comments on the Draft IAP from KDHE	Developed a response to comments table for submittal.
	Final Site Wide Post Closure 2010 Annual Report	3/3/2011		Stephanie Harris-Carr	ARCADIS		Certified transmittal of receipt of the Final Site Wide Post Closure 2010 Annual Report to USEPA and KDHE	KDHE had comments in their 06 January 2011 correspondence and found all comments addressed in their 11 February 2011 correspondence.
	KDHE Response to March 2 2011 Solid Waste Inspection	3/2/2011	4/12/2011	John Alexander	John Alexander	John Alexander	On March 2, 2011, Brian D'Alfonso of KDHE conducted a routine compliance inspection at the C/D Landfill and one violation was identified dealing with the lacking of recordkeeping of the 120 day cover.	One April 8, 2011, he received our response and deemed in adequate to correct the violation.
	KDHE Landfill Inspection	3/2/2011	3/22/2011	John Alexander	Brian D'Alfonso - KDHE		Routine compliance inspection by KDHE at the C/D Landfill on 2 March 11.	Submission to KDHE of our change in recordkeeping of annotating the 120 day cover on the C/D landfill log.
	Draft Installation Action Plan	2/23/2011			Stephanie Harris-Carr		Submitted copy of the Draft Installation Action Plan for stakeholder review prior to March 10, 2011 Validation	

Local intranet | Protected Mode: Off

100%



Fort Leavenworth



Environmental Intranet



Environmental Management System

This Site: Environmental Mana

Environmental Management System | Emergency Response | Activities | CFT | EMS | EQCC | External Comms Log | Programs

Environmental Management System > Web Part Pages > EQCC

Environmental Quality Control Committee (EQCC)

Roles and Responsibilities

- Plan, execute, and monitor actions and programs with environmental implications.
- Identify issues, make recommendations, and advise the GC.

Members

- Garrison Commander
- Deputy Garrison Commander
- CSM
- DOL/DPW
- Environmental
- DPTM
- DFMWR
- DRM
- SJA
- Safety
- CAC Engineer
- MAHC
- USDB
- Commissary
- AAFES

EQCC Calendar

There are currently no upcoming events.

Documents

Type	Name	Modified By
Document Type : Agenda (7)		
	EQCC - Draft - Dec 10	Cleland, Dale D CIV USA IMCOM
	EQCC 3rd QTR FY 10 - working	Wessendorf, Andrew P CIV US USA IMCOM
	EQCC 2nd QTR FY 10 - c	Wessendorf, Andrew P CIV US USA IMCOM
	EQCC Recycling COAs - 28 Mar 08	Wessendorf, Andrew P CIV US USA IMCOM
	EQCC 4th QTR FY 09	Wessendorf, Andrew P CIV US USA IMCOM
	EQCC 15 DEC 09	Wessendorf, Andrew P CIV US USA IMCOM
	EQCC 11 JAN 08 (2)	Wessendorf, Andrew P CIV US USA IMCOM
Document Type : City Documentation (11)		
Document Type : Memo (1)		
Document Type : Supporting Reference (1)		
	EMS Goals and Objectives Status	Wessendorf, Andrew P CIV US USA IMCOM

EMS Entry Page



Fort Leavenworth



Environmental Intranet

Environmental Management System

This Site: Environmental Mana 

Environmental Management System | Emergency Response | Activities | CFT | EMS | EQCC | External Comms Log | Programs

Environmental Management System > Web Part Pages > EMS

EMS

POC

Last Name	First Name	Primary Phone	E-mail Address
Alexander	John	913-684-3306	john.b.alexander1@us.army.mil

Program Overview

The purpose of the Environmental Management System is to provide Fort Leavenworth with a standardized web based Environmental Management System (EMS) and supporting web pages. The EMS is designed to provide the management system infrastructure to support the command and its locations and meet the requirements for an environmental management system based on the ISO 14001 standard. This template will be tailored to deliver a sustainable EMS approach to support the mission.

Links

- Fort Leavenworth Intranet
- AR 200-1
- Code of Federal Regulations
- Fort Leavenworth public website
- EPA eCFR
- Kansas Department of Health and Environment
- AKO Online
- U.S. Army Environmental Command
- Army Regulation 25-400-2 Army Records Information Management System (ARIMS)

ISO 14001 Policies

Type	Name
	03_Environmental_Aspects
	04_Legal_Other_Requirements
	05_Objectives_Targets_Action_Plans
	06_Resources_Roles_Responsibility_Authority
	07_Competence_Training_Awareness
	08_Communication
	09_Control_Documents
	10_Operational_Control
	11_Emergency_Preparedness_Response
	12_Monitoring_Measurement_Evaluation_Compliance
	13_Nonconformity_Corrective_Preventive_Action
	14_Control_Records
	15_Internal_Audit
	16_Management_Review

Done

Local intranet | Protected Mode: Off

100%