

ATTACHMENT 6

Technical Project Planning

Phase I MFR Worksheet

Author(s): Alion Team

Reviewer:

Latest Revision Date: February 16, 2006

Review Date: February 9, 2006

Location: Portland, Maine

Site(s): Seal Island, Knox County, Maine

Project: Seal Island Gunnery Range

(Attach Phase I MFR to PMP)

TPP Team		EM 200-1-2, Paragraph 1.1.1
Decision Maker		
Customer	USACE	
Project Manager	Robert Williams--USACE-Baltimore District, Sheila Holt -- USACE-New England District	
Team Leaders	Roger Azar--Program Manager, Tim Reese--Project Manager	
Regulators	Maine Department of Environmental Protection	
Stakeholders	Maine Coastal Islands National Wildlife Refuge - US Fish and Wildlife Service	
Data Types	Data User	Data Gatherer
Compliance / Regulatory (CR)	USAESCH, USACE Baltimore District, USACE New England District	Alion Team
Demographics/Land Use (LU)	USAESCH, USACE Baltimore District, USACE New England District	Alion Team
Site Conditions (SC)	USAESCH, USACE Baltimore District, USACE New England District	Alion Team
MEC	USAESCH	Alion Team

CUSTOMER'S GOALS		EM 200-1-1, Paragraph 1.1.2
Future Land Use(s) @ Site	Issues and Regulatory Compliance Status	Site-specific Closeout Goal (if applicable)
National Wildlife Refuge	Potential for metals and explosives in soil as well as munitions and explosives of concern (MEC)	

CUSTOMER'S GOALS (continued)	EM 200-1-1, Paragraph 1.1.2
Site Closeout Statement	
Achieving the walk-away goal, or final condition of the site, as envisioned by the customer. The final condition of the site includes safe access following any remediation, maintenance, and monitoring for activities that are consistent with the current use of the site.	
Customer's Schedule Requirements	
No field activities from May 1 thru August 31, 2006.	
Customer's Site Budget	
N/A.	

IDENTIFY SITE APPROACH		
EXISTING SITE INFORMATION & DATA		
EM 200-1-2, Paragraph 1.1.3 and 1.2.1		
Attachment(s) to Phase I MFR	Located at Repository	Preliminary Conceptual Site Model
2003 Archive Search Report (ASR)	USACE, Baltimore	Yes
2004 Supplemental ASR	USACE, Baltimore	Yes
1988 Inventory Project Report (INPR)	USACE, Baltimore	Yes
POTENTIAL POINTS OF COMPLIANCE		
EM 200-1-2, Paragraph 1.2.1.3		
Maine DEP Regulations (within boundaries of areas of concern)		
Region IX USEPA (within boundaries of areas of concern)		
MEDIA OF POTENTIAL CONCERN		
EM 200-1-2, Paragraph 1.2.1.4		
Soil		
Sediment		
Surface Water		
SITE OBJECTIVES		
EM 200-1-2, Paragraph 1.2.2		
Determine presence of MEC/MC		
Determine NDAI or further action (see attached Project Objectives worksheet)		
REGULATOR AND STAKEHOLDER PERSPECTIVES		
EM 200-1-1, Paragraph 1.2.3		
Regulators	Community Interests	Others
PROBABLE REMEDIES		
EM 200-1-2, Paragraph 1.2.4		
Detonation or removal of suspect MEC found during the site investigation.		
Removal of residual MEC from the site, treatment of MC via removal, onsite treatment, and engineering/institutional controls as appropriate to reduce the risk to future site users.		
EXECUTABLE STAGES TO SITE CLOSEOUT		
EM 200-1-2, Paragraph 1.2.5		
Site Inspection		
Remedial Investigation/Feasibility Study		
Proposed Plan		
ROD/Decision Document		
Remedial Design		
Remedial Action		
Removal Action (if necessary)		

IDENTIFY CURRENT PROJECT		
SITE CONSTRAINTS AND DEPENDENCIES		EM 200-1-2, Paragraph 1.3.1
<u>Administrative Constraints and Dependencies</u>		
SI needs to be completed as soon as possible to meet program needs.		
Special Use Permit need to be in place prior to sampling.		
<u>Technical Constraints and Dependencies</u>		
Need MEC avoidance for sampling. Need to work with FWS personnel for access.		
Need to abide by Health and Safety Plan.		
FWS will provide transport to site and guidance for sample locations.		
<u>Legal and Regulatory Milestones and Requirements</u>		
No agreements or permits in place between USACE or Owner and Regulatory Personnel.		
Regulatory evaluation of SI work plan and reporting of SI results and recommendations.		
CURRENT EXECUTABLE STAGE		EM 200-1-2, Paragraph 1.3.3
Site Inspection		
Basic (For Current Projects)	Optimum (For Future Projects)	Excessive (Objectives that do not lead to site closeout)
Sample collection effort minimal MEC analysis minimal		

Acronyms

EM-Engineer Manual (see www.usace.army.mil/inet/usace-docs/)

NDAI--No Department of Defense Action Indicated

RA--Removal Action

RAC--Risk Assessment Code type impact analysis conducted during INPR, ASR, and Supplemental ASR

TPP-Technical Project Planning

MEC - Munitions and Explosives of Concern

MC - Munitions Constituents

PROJECT OBJECTIVES WORKSHEET

SITE: Seal Island
 PROJECT: Former Seal Island Gunnery Range

Number	Executable Stage ^b		Site Objective ^a Description ^c	Source	Data Needs ^d	Data Collection Methods	Project Objective Classification ^e
	Current	Future					
1	Yes		Presence/Absence of MEC and MC	ASR, Public	CR, LU, SC, UXO	MEC Visual inspection, MC Sampling	Basic
2	Yes		Eliminate from further consideration those releases that pose no significant threat to public health or the environment by collecting adequate samples to assess the presence or absence of MC at the site	ASR, Public	CR, LU, SC, UXO	MEC Visual inspection, MC Sampling	Basic
3	Yes		Determine the potential need for a TCRA by collecting data from previous investigations/reports, site visits, and geophysics	ASR, Public	CR, LU, SC, UXO	MEC Visual inspection, MC Sampling	Basic
4	Yes		Collect, or develop, additional data, as appropriate, for Hazard Ranking System (HRS) scoring by Environmental Protection Agency (EPA)	ASR, Public	CR, LU, SC, UXO	MEC Visual inspection, MC Sampling	Basic
5	Yes		Collect data, as appropriate, to characterize the release for effective and rapid initiation of the Remedial Investigation and Feasibility Study (RI/FS)	ASR, Public	CR, LU, SC, UXO	MEC Visual inspection, MC Sampling	Basic
6	Yes		Collect the additional data necessary to the complete the Munitions Response Site Prioritization Protocol (MRSPP)	ASR, Public	CR, LU, SC, UXO	MEC Visual inspection, MC Sampling	Basic

^a Refer to EM 200-1-2, Paragraph 1.2.2

^b Refer to EM 200-1-2, Paragraph 1.2.5

^c For example, Meeting with Customer/stakeholder/Regulator, State Regulation _____.

^d Data Needs: **CR**-Compliance/Regulatory, **LU**-Land Use/Demographics, **SC**-Site Conditions, and **UXO**-OE UXO

^e Classification of project objectives can only occur after the current project has been identified. Refer to EM 200-1-2, Paragraph 1.3.3.

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