

Commonly Used USACE Guidance for MMRP Projects

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Document #	Document Title/Location	Current Date	Errata Sheet(s) #	Current Change/revision #	Rescinded or Superseded by:	Supersedes:
Engineering Regulations						
ER 5-1-11	USACE Business Process http://www.publications.usace.army.mil	1 November 2006		1		ER 5-1-11 (17 August 2001)
ER 10-1-50	Environmental and Munitions Mandatory Center of Expertise http://www.publications.usace.army.mil/	30 April 2012				
ER 200-1-7	Chemical Data Quality Management for Environmental Restoration Activities http://www.publications.usace.army.mil	28 November 2014				ER 1110-1-263 (30 April 1998)
ER 200-3-1	FUDS Program Policy http://www.publications.usace.army.mil	10 May 2004	1			

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	y.mil/					
ER 385-1-95	Safety and Health Requirements for Operations and Activities Involving MEC http://www.publications.usace.army.mil/	31 December 2014				ER 385-1-97 (30 March 2007)
ER 1110-1-8153	Military Munitions Support Services http://www.publications.usace.army.mil/	30 June 2010	1, 2, 3			ER 1110-1-8153 (14 May 1999)
ER 1110-1-8156	Policies, Guidance, and Requirements For Geospatial Data and Systems http://www.publications.usace.army.mil/	1 September 2012				
Engineering Pamphlets						
EP 75-1-2	MEC Support During HTRW and Construction Activities	1 August 2004			EM 385-1-97, Change 1 (12 April 2013)	

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EP 75-1-3	RCWM Response http://www.publications.usace.army.mil/	30 November 2004				EP 75-1-3 (4 January 2002)
EP 200-1-18	Five Year Reviews for Military Munitions Response Projects http://www.publications.usace.army.mil/	30 September 2011				EP 75-1-4 (31 October 2003)
EP 200-3-1	Public Participation Requirements for DERP http://www.publications.usace.army.mil/	30 September 2011	0	0		EP 1110-3-8 (9 April 2004)
EP 1110-1-17	Establishing a Temporary Open Burn and Open Detonation Site for Conventional Ordnance and Explosive Projects	16 July 1999				

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	http://www.publications.usace.army.mil/					
EP 1110-1-18	Ordnance and Explosives Response	24 April 2000			EM CX IGD 06-04 (6 March 2006)	
EP 1110-1-24	Establishing and Maintaining Institutional Controls for Ordnance and Explosives (OE) Projects http://www.publications.usace.army.mil/	15 December 2000				
Engineering Manuals						
EM 200-1-2	Technical Project Planning (TPP) Process http://www.publications.usace.army.mil/	31 August 1998				EM 200-1-2 (31 July 1995)
EM 200-1-4	Risk Assessment Handbook –	31 January 1999				

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	Volume I: Human Health Evaluation http://www.publications.usace.army.mil/					
EM 200-1-4	Risk Assessment Handbook – Volume II: Environmental Evaluation http://www.publications.usace.army.mil/	31 December 2010				
EM 200-1-10	Guidance for Evaluating Performance-Based Chemical Data http://www.publications.usace.army.mil/	30 June 2005				
EM 200-1-12	Conceptual Site Models http://www.publications.usace.army.mil/	28 December 2012				EM 1110-1-1200 (3 February 2003)

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EM 200-1-16	Environmental Statistics http://www.publications.usace.army.mil/	31-July 2013				
EM 385-1-1	Safety and Health Requirements Manual http://www.publications.usace.army.mil/	30 November 2014				EM 385-1-1 (15 September 2008)
EM 385-1-97	Explosives – Safety and Health Requirements Manual http://www.publications.usace.army.mil/	15 September 2008	1, 2, 3, 4, 5, 6	1		
EM 1110-1-2909	Geospatial Data and Systems http://www.publications.usace.army.mil/	1 September 2012				
EM 1110-1-4000	Monitoring Well Design,	1 November 1998				

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	Installation, and Documentation at Hazardous Toxic, and Radioactive Waste Sites http://www.publications.usace.army.mil/					
EM 1110-1-4009	Military Munitions Response Actions http://www.publications.usace.army.mil/	15 June 2007	1, 2, 3, 4		(Note: See EM CX IGD 14-01)	
EM CX Interim Guidance Documents						
EM CX IGD 06-04	Military Munitions Response Process https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	6 March 2006				EP 1110-1-18 (24 April 2000)
EM CX IGD 07-01	Refusal of Right-of Entry at a Non-Federal Property	26 April 2007				

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	for a Site Inspection https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/					
EM CX IGD 07-04	FUDS MMRP SI Program Supplemental Execution Guidance https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	16 July 2007				
EM CX IGD 09-02	Implementation of Incremental Sampling of Soil for MMRP https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	21 July 2009				

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	nitions_response/					
EM CX IGD 10-01	Decision Framework for Incorporation of Green and Sustainable Practices into Environmental Remediation Projects https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/	5 March 2010				
EM CX IGD 14-01	Technical Guidance for Military Munitions Response Actions https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	20 December 2013				Upon publication of this IGD as EM 200-1-15 – EM 1110-1-4009 will be rescinded.
HQ FUDS Interim Guidance Documents						
FUDS IGD	Building	6 February 2013				

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	Demolition/Debris Removal (BD/DR) Project Eligibility Clarifications https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/					
FUDS IGD	Removal Action Approval Process https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/	14 January 2013				
FUDS Handbooks						
Delineation & MRSPP Handbook	USACE Handbook on Delineation and Munitions Response Site Prioritization Protocol Implementation https://fudsmis.usace.army.mil/	29 March 2014				USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation, Formerly Used Defense Sites Program, Version 1.0.2 (1 October 2011)

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Memo Guidance						
Safety Memo	CESO-ZA Memorandum, Subject: Clarification of Occupational Health and Safety Roles and Responsibilities for HTRW and Military Munitions Projects https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	2 December 2010				
CAIS Memo	CEMP-D Memorandum, Subject: Formerly Used Defense Sites – Chemical Agent Identification Sets (CAIS) https://eko.usace.army.mil/usacecop/environmental/	18 January 2008				

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	subcops/htrw/munitions_response/					
Green and Sustainable Remediation (GSR) Reports						
GSR Study Approach	Final Installation Restoration Program (IRP) and Military Munitions Response Program (MMRP) Approach Process for Consideration and Incorporation of Green and Sustainable Remediation (GSR) Practices in Army Environmental Remediation https://eko.usace.army.mil/centers/casi/focusareas/green_remediation/	26 May 2011				
GSR Study Report	Evaluation of Consideration and Incorporation of Green &	27 August 2012				

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	Sustainable Remediation Practices in Army Environmental Remediation https://eko.usace.army.mil/centers/casi/focusareas/green_remediation/					
Huntsville Center Technical Information						
HNC-ED-CS-S-00-3	Use of Water for Mitigation of Fragmentation and Blast Effects Due to Intentional Detonation of Munitions https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	27 September 2000				
HNC-ED-CS-S-96-8 (Revision 1)	Guide for Section and Siting of Barricades for Selected UXO https://eko.usace	September 1997				HNC-ED-CS-S-96-8 (September 1996)

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	army.mil/usacecop/environmental/subcops/htrw/munitions_response/					
HNC-ED-CS-S-98-7 (Amendment 1)	Use of Sandbags for Mitigation of Fragmentation and Blast Effects due to Intentional Detonation of Munitions https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	February 2011				
HNC-ED-CS-S-98-7	Use of Sandbags for Mitigation of Fragmentation and Blast Effects due to Intentional Detonation of Munitions https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	August 1998 (Includes DDESB Approval dated 23 February 1999)				

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HNC-ED-CS-S-98-8 (Revision 2)	Miniature Open Front Barricade https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	April 2013 (Includes DDESB Approval dated 26 November 2013)				
HNC-ED-CS-S-98-8 (Revision 1)	Miniature Open Front Barricade https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	March 2010 (Includes DDESB Approval dated 14 May 2010)				
HNC-ED-CS-S-99-1	Open Front and Enclosed Barricades https://eko.usace.army.mil/usacecop/environmental/subcops/htrw/munitions_response/	March 1999 (Includes DDESB Approval dated 9 December 1999)				
DOD and Army Pubs						
DoD Publications	http://www.dtic.mil/whs/directives/					
DDESB Publications	https://www.ddeb.pentagon.mil/					

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Army Publications	http://www.apd.army.mil/					