

LTA - MARION ENGR DEPOT EAST

Army Cleanup Program

Installation Action Plan Final

June 2024

TABLE OF CONTENTS

STATEMENT OF PURPOSE 3

INSTALLATION OVERVIEW 4

ACRONYMS 5

PHASE TRANSLATION TABLE 6

PROGRAM SUMMARY 7

SITE-LEVEL INFORMATION 8

1692A.1001_LTA-01_Marion LTA 9

SITE SUMMARY 11

SITE CLOSEOUT SUMMARY 12

COMMUNITY INVOLVEMENT 13

FIVE-YEAR / PERIODIC REVIEW SUMMARY 14

STATEMENT OF PURPOSE

The Installation Action Plan (IAP) provides evidence that the Army is firmly committed to expeditious identification and cleanup of environmental contamination, and that the installation has a credible, organized program to carry out that commitment. The IAP provides an outline of the total multi-year environmental cleanup program for each site with ongoing or future planned restoration activity and includes the (1) environmental restoration requirements, (2) the rationale for the selected technical approach, and (3) foundation to develop corresponding financial needs for each cleanup site.

INSTALLATION OVERVIEW

Installation Name: LTA - MARION ENGR DEPOT EAST

Installation City: Marion

Installation County: Marion

Installation State: Ohio

Regulatory Participation - Federal: N/A

Regulatory Participation - State: Ohio Environmental Protection Agency

ACRONYMS

Acronym	Definition
CC	Compliance-Related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CRL	Cleanup Restoration & Liabilities
DD	Decision Document
ENV	Environmental
FS	Feasibility Study
FYR	Five-Year Review
HHRA	Human Health Risk Assessment
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
LTA	Local Training Area
LTM	Long-Term Management
LUC	Land Use Control
MED	Marion Engineering Depot
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NPL	National Priorities List
OEPA	Ohio Environmental Protection Agency
PA	Preliminary Assessment
PR	Periodic Review
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RAB	Restoration Advisory Board
RC	Response Complete
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SC	Site Closeout
SI	Site Inspection
SVOC	Semi-Volatile Organic Compounds
TAPP	Technical Assistance for Public Participation
UST	Underground Storage Tank

PHASE TRANSLATION TABLE

CERCLA Phase	RCRA Phase	RCRA UST Phase
Preliminary Assessment (PA)	RCRA Facility Assessment (RFA)	Initial Site Characterization (ISC)
Site Inspection (SI)	Confirmation Sampling (CS)	Investigation (INV)
Remedial Investigation/ Feasibility Study (RI/FS)	RCRA Facility Investigation/Corrective Measures Study (RFI/CMS)	Corrective Action Plan (CAP)
Remedial Design (RD)	Design (DES)	Design (DES)
Interim Remedial Action (IRA)	Interim Measure (IM)	Interim Remedial Action (IRA)
Remedial Action (Construction) (RA(C))	Corrective Measures Implementation (Construction) (CMI(C))	Implementation (Construction) (IMP(C))
Remedial Action (Operations) (RA(O))	Corrective Measures Implementation (Operations) (CMI(O))	Implementation (Operations) (IMP(O))
Long-Term Management (LTM)	Long-Term Management (LTM)	Long-Term Management (LTM)

PROGRAM SUMMARY

Number of Open Sites with Response Complete/Total Open IR Sites: 1/1

Number of Open Sites with Response Complete/Total Open MR Sites: 0/0

Number of Open Sites with Response Complete/Total Open CC Sites: 0/0

SITE-LEVEL INFORMATION

1692A.1001_LTA-01_Marion LTA

Env Site ID: LTA-01

Cleanup Site: Marion LTA

Alias: MARION LTA

Regulatory Driver: CERCLA

RIP Date: 5/15/2008

RC Date: 5/15/2008

RC Reason: All Required Cleanup(s) Completed

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
PA:	3/15/1999	9/15/2000
SI:	9/15/2000	9/15/2003
RI/FS:	9/15/2003	3/15/2008
RD:	--	--
IRA:	--	--
RA(C):	3/15/2007	5/15/2008
RA(O):	--	--
LTM:	6/15/2008	9/30/2054

Site Narrative: The US Army Reserve operates the 127-acre Local Training Area (LTA) in Marion, Ohio. It was formerly included in the Marion Engineering Depot (MED). Historically, a 60-foot by 60-foot bermed area in the eastern portion of the LTA was used by MED workers to regularly burn fuel oil solvents, sludges and debris accumulated during normal operations. The burnings were estimated at approximately 2,000 gallons every one to two weeks. On March 29, 1999, 50 drums that were partially buried or located near the surface were removed from the LTA. Approximately 17 of the drums had contents that were either solidified paint waste or sandblast material and were considered hazardous waste based on exceedances for chromium and lead. Soil samples were collected as part of the drum removal and semi-volatile organic compounds (SVOC) lead and chromium were detected in the soil samples. Construction debris (dumped roofing tar, shingles, concrete) has been identified throughout the LTA. A Human Health Risk Assessment (HHRA) was conducted. A Preliminary Assessment (PA)/Site Inspection (SI) was conducted for the entire 127-acre parcel. The PA/SI activities included geophysical surveys and surface and shallow subsurface soil sampling. In the winter of 2000, the SI was performed. Surface soil samples from the west and central portions of the LTA indicated Resource Conservation and Recovery Act (RCRA) metals and SVOCs above industrial preliminary remediation goals. No contamination was found at depth. Surface soil samples collected in the disposal and burn areas on the east portion of the LTA indicated predominantly RCRA metals and SVOCs. An investigation discovered dioxins and furans in the surface soils at LTA-01. In 2005, a supplemental SI was completed. An additional drum was discovered and removed during the SI activities. In September 2005, six monitoring wells were installed. Two sampling events showed no impacts to the shallow groundwater and the wells were abandoned in May 2008. The supplemental SI report was finalized in 2006. An engineering evaluation/cost analysis and action memorandum for a soil removal was approved by the Ohio Environmental Protection Agency (OEPA) and finalized in February 2007. In June 2007, the action memorandum was signed and in October 2007 the soil and debris removal action were completed. The draft final removal action completion report and a site-wide draft final HHRA were submitted to the OEPA in December 2007. In FY08, the Decision Document (DD) was completed by the performance-

based acquisition contractor. Cleanup/Exit Strategy - The Army will still be responsible for conducting five-year reviews at the site to ensure the land use controls restricting the site from residential use remain in place.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
1692A.1002	LTA-02_SURFACE DRUM DISPOSAL AREA IN N.W	1/31/2000

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	2/16/2006
Technical Review Committee Establishment Date:	N/A
Restoration Advisory Board (RAB) Establishment Date:	10/15/1997
RAB Adjournment Date:	11/15/2009
RAB Adjournment Reason:	All environmental restoration remedies are in place and are operating properly and successfully
Reasons for Not Establishing RAB:	Lack of outstanding cleanup issues or activities does not warrant establishment of a RAB
RAB Date of Solicitation from Community:	N/A
RAB Results of Solicitation:	N/A
Current Technical Assistance for Public Participation (TAPP):	N/A
TAPP Title:	N/A
Potential TAPP:	N/A
Administrative Record Location:	Marion Public Library 445 EAST CHURCH STREET, MARION, OH, 43302
Information Repository Location:	Marion Public Library 445 EAST CHURCH STREET, MARION, OH, 43302

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Planned	FYR	Mar 2026	Mar 2027	TBD	TBD	TBD
Completed	FYR	Jan 2021	3/1/2022	See Actions	Maintenance/enforcement of LUCs restrict site's future use and protect human health and the environment.	The LUCs ensure property use is restricted to industrial/commercial use and prohibit residential/recreational use at LTA-01, LTA-15, and LTA-16.