

CHARLES MELVIN PRICE SUPPORT CENTER

Army Cleanup Program

Installation Action Plan Final

June 2024

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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: CHARLES MELVIN PRICE SUPPORT CENTER

Installation City: GRANITE CITY

Installation County: ADAMS

Installation State: IL

Regulatory Participation - Federal: N/A

Regulatory Participation - State: Illinois Environmental Protection Agency

ACRONYMS

Acronym	Definition
AMC	US Army Materiel Command
CC	Compliance-Related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CMPSC	Charles Melvin Price Support Center
CRL	Cleanup Restoration & Liabilities
DD	Decision Document
ENV	Environmental
FS	Feasibility Study
FY	Fiscal Year
FYR	Five-Year Review
IAP	Installation Action Plan
ID	Identification
IEPA	Illinois Environmental Protection Agency
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
MNA	Monitored Natural Attenuation
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NPL	National Priority List
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
RRSE	Relative Risk Site Evaluation
SC	Site Closeout
SI	Site Inspection
SVE	Soil Vapor Extraction
TAPP	Technical Assistance for Public Participation
VOC	Volatile Organic Compound

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: 0/2

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

17255.1002_CMPSC-002_BLDG 231 FRM PLTING OPS

Env Site ID: CMPSC-002

Cleanup Site: BLDG 231 FRM PLTING OPS

Alias: CMPSC-002

Regulatory Driver: CERCLA

RIP Date: 9/30/2014

RC Date: 9/30/2054

RC Reason: Not assigned

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:	1/31/1999	8/31/2004
SI:	9/15/2004	11/15/2007
RI/FS:	7/15/2008	4/30/2012
RD:	--	--
IRA:	--	--
RA(C):	10/15/2008	9/30/2014
RA(O):	10/15/2008	9/30/2054
LTM:	--	--

Site Narrative: Charles Melvin Price Support Center (CMPSC) originally referred to as the Granite City Engineer Depot is located adjacent to the Mississippi River and east of St. Louis Missouri. The engineer depot was active from 1943 to 1971. Engineer equipment, railroad equipment, and vehicle maintenance (modification and overhaul) comprised the majority of industrial operations at the depot. These operations were primarily performed in Building 203 and the surrounding vicinity on the post. Additional operations included machining parts, painting, engine cleaning, preservation and packing, welding, forging parts, battery servicing, steam cleaning, sandblasting, and metal plating. Beginning in the mid-1960s, mechanical and electronic maintenance of Nike missile systems occurred on-site. Between 1970 and 1971, electroplating also reportedly occurred. Building 231 is former electronic maintenance shop that later became a Commissary. In 1999, the US Army Materiel Command (AMC) determined CMPSC to be excess to its current and future needs. A 4.43-acre parcel of land including former Building 231 became known as Parcel E for property conveyance purposes. Between 2000 and 2004 a preliminary assessment (PA) was conducted and in 2007, a site inspection (SI) was completed. Soil and groundwater contamination were identified. Sources appear to be related to historic electroplating and maintenance activities. The known contaminants are volatile organic compounds (VOC). In 2009, Remedial Investigation (RI) sampling results indicated the groundwater contamination may have migrated outside the parcel. To address the source area soil vapor extraction (SVE) was implemented in fiscal year (FY) 2010 to remove the VOC mass to the extent practicable and thus reduce or eliminate further impacts to groundwater and reduce the potential for future vapor intrusion into the building. An RI/feasibility study (FS) was completed in FY13, and the final Decision Document (DD) was completed and accepted by the Illinois Environmental Protection Agency (IEPA) in October 2013. As monitored natural attenuation (MNA) is a component of the selected remedy Remedial Action Operations (RA(O)) will be conducted until groundwater remediation goals are met. Building was demolished in 2021 with slab in place.

Cleanup/Exit strategy - MNA with groundwater monitoring will continue indefinitely along with five-year reviews (FYR). Land use controls include keeping slab in place.

17255.1028_CMPSC-040_Parcel A

Env Site ID: CMPSC-040

Cleanup Site: Parcel A

Alias: CMPSC-040

Regulatory Driver: CERCLA

RIP Date: 7/15/2012

RC Date: 10/31/2026

RC Reason: Not assigned

SC Date: 9/30/2056

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
PA:	5/15/1980	5/15/1981
SI:	6/15/2004	6/15/2005
RI/FS:	10/15/2006	6/15/2012
RD:	--	--
IRA:	--	--
RA(C):	10/31/2008	7/15/2012
RA(O):	10/15/2008	10/31/2026
LTM:	10/31/2026	9/30/2056

Site Narrative: In 2002, a 12-acre parcel of land (Parcel A) at CMPSC was placed under the jurisdiction of the US Army Reserve 88th Regional Readiness Command now referred to as the 88th Readiness Support Center. The former locomotive repair facility (Building 203), an inactive heating plant (Building 202), and a former gasoline station were included in the parcel. The engineer depot was active from 1943 to 1971. Engineer equipment, railroad equipment, and vehicle maintenance (modification and overhaul) comprised the majority of industrial operations at the depot. These operations were primarily performed in Building 203 and the surrounding vicinity on the post. Additional operations included machining parts, painting, engine cleaning, preservation and packing, welding, forging parts, battery servicing, steam cleaning, sandblasting, and metal plating. In 2005, a PA/SI identified soil contamination at the site. Potential sources included activities related to historic locomotive engine overhaul, the former gasoline station, and the former coal storage area in the vicinity of the inactive heating plant (Building 202). Contaminants encountered during the PA/SI included petroleum hydrocarbons, semi-volatile organic compounds, and metals. In 2009, an RI was initiated, and analytical data indicated additional sampling to delineate the extent of contamination was necessary. A soil removal action took place in FY10 to address soils near Building 202 with concentrations of metals and polyaromatic hydrocarbons above industrial/commercial screening levels. The removal action work plan, removal action, and documentation of the removal were included. An RI/FS was completed in FY12, and the draft final DD was sent to the IEPA for concurrence. The IEPA concurred with the final DD in March 2014. The property was transferred to a private landowner in 2016. A technical memorandum was developed to address a path forward to long-term monitoring at Parcel A.

Cleanup/Exit strategy - After discussions with IEPA, groundwater sampling has been reduced from biannually to annually. Groundwater sampling and FYRs will continue indefinitely.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
17255.1001	CMPSC-001_BLDG 403, PESTICDE STG	5/31/1981
17255.1003	CMPSC-005_BLDG 206 PX WAREHOUSE	5/31/1981
17255.1004	CMPSC-006_BLDG 203 HEAVY EQUIP MNT	5/31/1981
17255.1005	CMPSC-007_BLDG 204 PX/RESERVES	5/31/1981
17255.1006	CMPSC-008_BLDG 202 BOILER PLNT	5/31/1981
17255.1007	CMPSC-010_DEH BLDG 402/401/404	5/31/1981
17255.1008	CMPSC-011_BLDG 105 EDUCATION/LIBRARY/BAR	5/31/1981
17255.1009	CMPSC-012_BLDG 183 ADMIN	5/31/1981
17255.1010	CMPSC-014_BLDG 414 GYM	5/31/1981
17255.1011	CMPSC-016_BAUXITE PILES	5/31/1981
17255.1012	CMPSC-017_BLDG 444 FLIGHT OPERATION	5/31/1981
17255.1013	CMPSC-018_BLDG 400 STORAGE	5/31/1981
17255.1014	CMPSC-021_STRATEGIC ORE STG AREA SE END	5/31/1981
17255.1015	CMPSC-025_BLDG 197 FERTILIZER	5/31/1981
17255.1016	CMPSC-026_BLDG T 198 ACTIVE SEPTIC TANK	5/31/1981
17255.1017	CMPSC-027_OLD CITY LANDFILL (FORMER)	5/31/1981
17255.1018	CMPSC-028_LARGEST LANDFILL (FORMER)	5/31/1981
17255.1019	CMPSC-029_LANDFILL SW OF NIEDRINGHAUS &	5/31/1981
17255.1020	CMPSC-030_LANDFILL SE CORNER OF POST (FO	5/31/1981
17255.1021	CMPSC-032_LANDFILL E BOUNDRY (FORMER)	5/31/1981
17255.1022	CMPSC-033_LANDFILL W OF PISTOL RNG (FORM	5/31/1981
17255.1023	CMPSC-034_RUBBLE LANDFILL SE CORNER	5/31/1981
17255.1024	CMPSC-035_EOD DEMO AREA	5/31/1981
17255.1025	CMPSC-036_AREA OF GOLF COURSE OLD TRAINI	5/31/1981
17255.1026	CMPSC-037_OUTDOOR SMALL ARMS FRNG RNG E	5/31/1981
17255.1027	CMPSC-039_AREA BTEN STP/PISTOL RNG SWGE	5/31/1981
17255.1029	CMPSC-001-R-01_EOD DEMOLITION RANGE A	9/30/2008
17255.1030	CMPSC-002-R-01_EOD DEMOLITION RANGE B	8/31/2006
17255.1031	CMPSC-003-R-01_TROOP TRAINING	8/31/2006

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	12/15/2008
Technical Review Committee Establishment Date:	N/A
Restoration Advisory Board (RAB) Establishment Date:	N/A
RAB Adjournment Date:	N/A
RAB Adjournment Reason:	N/A
Reasons for Not Establishing RAB:	N/A
RAB Date of Solicitation from Community:	7/15/2011
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:	2001 Delmar Avenue Granite City, IL 62040
Information Repository Location:	2001 Delmar Avenue Granite City, IL 62040

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Planned	FYR	1/1/2028	8/1/2028	N/A	N/A	N/A
Completed	FYR	1/1/2023	11/28/2023	N/A	N/A	The site is protective of human health and the environment.