

US ARMY GARRISON ADELPHI LABORATORY CTR

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: US ARMY GARRISON ADELPHI LABORATORY CTR

Installation City: ADELPHI

Installation County: MONTGOMERY

Installation State: MD

Regulatory Participation - Federal: N/A

Regulatory Participation - State: Maryland Department of the Environment (MDE)

ACRONYMS

Acronym	Definition
CC	Compliance-related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CRL	Cleanup Restoration & Liabilities
DD	Decision Document
ENV	Environmental
FS	Feasibility Study
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
MR	Munitions Response
MRSP	Munitions Response Site Prioritization Protocol
N/A	Not Applicable
OSD	Office of Secretary of Defense
PA	Preliminary Assessment
PFAS	Per- and Polyfluoroalkyl Substances
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
RSL	Risk Screening Level
SC	Site Closeout
SI	Site Inspection
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: 0/1

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

24234.1042_HDL-PFAS_PFAS

Env Site ID: HDL-PFAS

Cleanup Site: PFAS

Alias: #

Regulatory Driver: CERCLA

RIP Date: 6/23/2030

RC Date: 6/23/2030

RC Reason: Not assigned

SC Date: 6/23/2030

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
PA:	9/30/2017	6/24/2019
SI:	6/25/2019	12/1/2022
RI/FS:	1/1/2023	6/23/2030
RD:	--	--
IRA:	--	--
RA(C):	--	--
RA(O):	--	--
LTM:	--	--

Site Narrative: An RI under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of per- and polyfluoroalkyl substances (PFAS) is currently underway at Adelphi Laboratory Center. The PA phase concluded with the identification of one area of potential interest - Building 500. This building had historical indication of storage, discharge, and/or release of PFAS-containing materials. Soil and groundwater samples were collected around Building 500. Perfluorooctanesulfonic Acid, Perfluorooctanoic Acid and Perfluorononanoic Acid were detected in groundwater above the July 2022 Office of Secretary of Defense (OSD) Risk Screening Levels (RSL). No PFAS constituents were detected in soil above the July 2022 OSD RSLs. The Adelphi PA/SI identified the need for further study in a CERCLA RI at Building 500. Restoration/Cleanup Strategy - Complete the RI/FS phase, the results of which will dictate appropriate cleanup requirements under CERCLA.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
24234.1001	HDL 01_BLDG 107 (2 PCB TRANSFORMERS)	7/31/1981
24234.1002	HDL 02_BLDG 203 METAL PLATE TANKS	7/31/1981
24234.1003	HDL 03_BLDG 106 6 UST POL	7/31/1981
24234.1004	HDL 04_BLDG 202 UST POL	7/31/1981
24234.1005	HDL 05_BLDG 203 UST POL	7/31/1981
24234.1006	HDL 06_BLDG 204 UST POL	7/31/1981
24234.1007	HDL 07_BLDG 205 UST POL	7/31/1981
24234.1008	HDL 08_BLDG 203 METAL PLATE TANKS	7/31/1981
24234.1009	HDL 09_BLDG 504 UST POL	7/31/1981
24234.1010	HDL 10_BLDG 101 UST POL	7/31/1981
24234.1011	HDL 11_BLDG 500 AST POL	7/31/1981
24234.1012	HDL 12_BLDG 500 UST POL	7/31/1981
24234.1013	HDL 13_BLDG 500 AURORA FAC	7/31/1981
24234.1014	HDL 14_BLDG 203 METAL PLATE TANKS	7/31/1981
24234.1015	HDL 15_PRINTED CIR BD PROD BLDG 203	7/31/1981
24234.1016	HDL 16_BLDG 203 PHOTO LAB	7/31/1981
24234.1017	HDL 17_BLDG 202 LAB	7/31/1981
24234.1018	HDL 18_BLDG 103 PESTICIDE	7/31/1981
24234.1019	HDL 19_BLDG 500 SPRING UNDER BLDG	7/31/1981
24234.1020	HDL 20_PAINT SHOP	7/31/1981
24234.1021	HDL 21_MOTOR POOL	7/31/1981
24234.1022	HDL 22_BLDG 202 RAD STG	7/31/1981
24234.1023	HDL 23_BLDG 203 RAD STG	7/31/1981
24234.1024	HDL 24_BLDG 204 RAD STG	7/31/1981
24234.1025	HDL 25_BLDG 504 RAD STG	7/31/1981
24234.1026	HDL 26_BLDG 504 X-RAY	7/31/1981
24234.1027	HDL 27_WTP 1,4 HEAVY METALS	7/31/1981
24234.1028	HDL 28_WTP 2, 3, 5 PH MOD	7/31/1981
24234.1029	HDL 29_BLDG 103 (1 PCB TRANSFORMER)	7/31/1981
24234.1030	HDL 30_BLDG 102 (1 PCB TRANSFORMER)	7/31/1981
24234.1031	HDL 31_BLDG 106 (4 PCB TRANSFORMERS)	7/31/1981
24234.1032	HDL 32_BLDG 202 (8 PCB TRANSFORMERS)	7/31/1981
24234.1033	HDL 33_BLDG 205 (4 PCB TRANSFORMERS)	7/31/1981
24234.1034	HDL 34_BLDG 204 (8 PCB TRANSFORMERS)	7/31/1981
24234.1035	HDL 35_BLDG 504 (2 PCB TRANSFORMERS)	7/31/1981
24234.1036	HDL 36_BLDG 406 (2 PCB TRANSFORMERS)	7/31/1981
24234.1037	HDL 37_BLDG 500 (0 PCB TRANSFORMERS)	7/31/1981
24234.1038	HDL 38_BLDG 203 (4 PCB TRANSFORMERS)	7/31/1981
24234.1039	HDL 40_HILLENDALE AREA VIC. NSW SITE 8	3/31/2003
24234.1040	HDL 41_500 AREA VIC. NSW SITES 9 & 46	9/30/2003
24234.1041	HDL 42_BLDG 107 PCB SPILL	9/30/1997

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	N/A
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:	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:	N/A
Information Repository Location:	N/A

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
N/A	N/A	N/A	N/A	N/A	N/A	N/A