

FY2016

GERSTLE RIVER TEST SITE

Army Defense Environmental Restoration Program

Installation Action Plan

Table of Contents

Statement Of Purpose.....	1
Acronyms.....	2
Installation Information.....	3
5-Year / Periodic Review Summary.....	4
Land Use Control (LUC) Summary.....	5
Cleanup Program Summary.....	7
Installation Restoration Program.....	8
IRP Summary.....	9
IRP Contamination Assessment.....	10
IRP Previous Studies.....	11
Installation Restoration Program Site Descriptions.....	13
GRTS-001 GERSTLE RIVER TEST SITE.....	14
Installation Restoration Program Site Closeout (No Further Action) Sites Summary.....	15
Installation Restoration Program Schedule.....	16
Installation Restoration Program Milestones.....	16
IRP Schedule Chart.....	17
Compliance Restoration.....	18
CR Summary.....	19
CR Contamination Assessment.....	20
CR Previous Studies.....	21
Compliance Restoration Site Descriptions.....	22
CC-GRTS-01 Administrative Area USTs.....	23
Compliance Restoration Site Closeout (No Further Action) Sites Summary.....	24
CR Schedule.....	25
Compliance Restoration Milestones.....	25
CR Schedule Chart.....	26

Statement of Purpose

The purpose of the Installation Action Plan (IAP) is to outline the total multiyear cleanup program for an installation. The plan identifies environmental cleanup requirements at each site or area of concern (AOC), and proposes a comprehensive, installation-wide approach, with the costs and schedules required to conduct investigations and take the necessary remedial actions (RAs).

In an effort to coordinate planning information between the restoration manager, the US Army Environmental Command (USAEC), the US Army Garrison - Alaska (USAG-AK), executing agencies, regulatory agencies, and the public, an IAP was completed. The IAP is used to track requirements, schedules, and budgets for all major Army installation cleanup programs.

All site-specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change.

Acronyms

ADEC	Alaska Department of Environmental Conservation
AEDB-R	Army Environmental Database - Restoration
AOC	Area of concern
CAP	Corrective Action Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CWM	Chemical Warfare Materiel
DD	Decision Document
FRA	Final Remedial Action
FS	Feasibility Study
FUDS	Formerly Used Defense Site
FY	Fiscal Year
GB	Sarin (Non-Persistent Nerve Agent)
GRTS	Gerstle River Test Site
IAP	Installation Action Plan
IC	Institutional Control
IMP(C)	Implementation (Construction)
IRA	Interim Remedial Action
IRP	Installation Restoration Program
LTM	Long-Term Management
LUC	Land Use Control
LUCIP	Land Use Control Implementation Plan
N/A	Not Applicable
NPL	National Priorities List
PA	Preliminary Assessment
RA	Remedial Action
RAB	Restoration Advisory Board
RC	Response Complete
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
TAPP	Technical Assistance for Public Participation
TBD	To Be Determined
TRC	Technical Review Committee
USACE	US Army Corps of Engineers
USAEC	US Army Environmental Command
USAG FWA	US Army Garrison Fort Wainwright, Alaska
USAG-AK	US Army Garrison-Alaska
USATHAMA	US Army Toxic and Hazardous Materials Agency
USEPA	US Environmental Protection Agency
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VX	Persistent Nerve Agent

Installation Information

Installation Locale

Installation Size (Acreage): 20000

City: Fort Greely

County: Delta Junction (Borough)

State: Alaska

Other Locale Information

Gerstle River Test Site (GRTS) is an active maneuver training area near Fort Greely. The site was used as a test site for military testing of chemical warfare materiel (CWM). In 1970, the surrounding Gerstle River Expansion Area (GRTS-002), a Formerly Used Defense Site (FUDS), was turned over to the state of Alaska.

Installation Mission

The mission of the US Army Alaska is to execute continuous training and readiness oversight responsibilities for Army Force Generation in Alaska and provide the Pacific Region with focused, early entry battle command capability for US Army Pacific, and Joint Force Land Component Commander for Homeland Defense and Security in Alaska. The Gerstle River Training Area is an active training facility that is owned and operated by the US Army Garrison Fort Wainwright, Alaska (USAG FWA).

Lead Organization

IMCOM

Lead Executing Agencies for Installation

USAG FWA, Public Works Environmental Division

US Army Corps of Engineers (USACE), Alaska District

Regulator Participation

Federal US Environmental Protection Agency (USEPA), Region 10

State Alaska Department of Environmental Conservation (ADEC)

National Priorities List (NPL) Status

GERSTLE RIVER TEST SITE is not on the NPL

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status

Installation is in the process of determining interest in establishing a RAB.

Installation Program Summaries

IRP

Primary Contaminants of Concern: Chemical weapon munitions (CWM)/Chemical agent, Explosives

Affected Media of Concern: Soil, Surface Water

CR

Primary Contaminants of Concern: Petroleum, Oil and Lubricants (POL)

Affected Media of Concern: Groundwater

5-Year / Periodic Review Summary

5-Year / Periodic Review Summary

Status	Start Date	End Date	End FY
Planned	201709	201709	2017

5-Year / Periodic Review Details

Associated ROD/DD Name	Sites
GRTS Admin Area DD	CC-GRTS-01
Gerstle River Test Site LUCs	GRTS-001

Land Use Control (LUC) Summary

LUC Title: GRTS Admin Area LUC

Site(s): CC-GRTS-01

ROD/DD Title: GRTS Admin Area DD

Location of LUC

The former admin area where contamination from the tanks was addressed.

Land Use Restriction: Media specific - Prohibit activities that results in contact with contaminated sediments, Media specific restriction - Prohibit, or otherwise manage excavation, Media specific restriction - Prohibit, or otherwise manage excavation below a specified depth, Media specific restriction - prohibit use of groundwater for consumption or domestic purposes, Media specific restriction - restrict drinking water well installation, Media specific restriction - restrict withdrawal or use of groundwater for agricultural/irrigation purposes, Media specific restriction - restrict withdrawal or use of groundwater w/out treatment, Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: Markers, Signs

Types of Institutional Controls: Construction Permit, Deed Notices, Deed Restrictions, Dig Permits, Notations in Master Plan, Restrictions on Groundwater Withdrawal, Restrictions on land use

Date in Place: 201306

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Documentation Date: 201306

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: PETROLEUM HYDROCARBON

Additional Information

N/A

LUC Title: Gerstle River LUCs

Site(s): GRTS-001

ROD/DD Title: Gerstle River Test Site LUCs

Location of LUC

Anticipated to be the entire GRTS-001 area

Land Use Restriction: Media specific - Prohibit activities that results in contact with contaminated sediments, Media specific restriction - Prohibit, or otherwise manage excavation, Media specific restriction - prohibit use of groundwater for consumption or domestic purposes, Media specific restriction - restrict drinking water well installation, Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: Signs

Types of Institutional Controls: Dig Permits, Education programs, Notations in Master Plan, Restrictions on land use

Date in Place: 201906

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Documentation Date: 201906

LUC Enforcement: Annual Inspections, 5 Year Reviews, Markers

Land Use Control (LUC) Summary

Contaminants: Unexploded Ordnance(UXO)

Additional Information

N/A

Cleanup Program Summary

Installation Historic Activity

GRTS has been a part of the US Army operations since acquisition under the Public Land Order 910 issued on Aug. 7, 1953. From 1954 to 1962, the Chemical Corps conducted various chemical tests here. The site was then used to test Army chemicals until 1962. Between 1962 and 1967, the Arctic Test Center conducted surveillance testing of chemical munitions.

Several major clean-up operations have occurred since the Army completed testing operations. In 1968, over 200 chemical projectiles were removed from Blueberry Lake. In August 1970, the Arctic Test Center and Deseret Test Center conducted "Cleanup Alaska," an operation that included excavation of at least eight disposal trenches. Materials excavated included chemical warfare material (CWM) residue and contaminated soils, 5- and 55-gallon drums of decontamination agent, soil wastes and construction debris. This material was placed into two disposal trenches on the active test site. In 1971, all known waste was dug up and relocated to the Blueberry Lake pits, located on the test site. The pits are roughly 150 square meters and covered.

In September 1996, due to community concerns after the Hajdukovich fire in 1994, a restoration advisory board (RAB) was formed to cover both the active Installation Restoration Program (IRP) portion of GRTS, and the Gerstle River Expansion Area, which is covered by the FUDS program. Membership included representatives of local government, business and the community. The RAB has participated in reviewing plans and technical documents, and has provided advice on the scope of studies planned for the Expansion Area.

Installation Program Cleanup Progress

IRP

Prior Year Progress: The remedial investigation (RI) phase was reestablished for GRTS-001.

Future Plan of Action: As part of the RI, a human health risk assessment, and feasibility study (FS) will be pursued for site GRTS-001.

CR

Prior Year Progress: The LTM/LUCIP was completed in June 2015, and the state of Alaska submitted a letter approving the document.

Future Plan of Action: An additional letter closing the underground storage tanks (UST) within the state data base is underway.

GERSTLE RIVER TEST SITE
Army Defense Environmental Restoration Program
Installation Restoration Program

IRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 5/4

Installation Site Types with Future and/or Underway Phases

1 Chemical Disposal
(GRTS-001)

Most Widespread Contaminants of Concern

Chemical weapon munitions (CWM)/Chemical agent, Explosives

Media of Concern

Soil, Surface Water

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
GRTS-001	GERSTLE RIVER TEST SITE	IRA	FENCE OR OTHER SITE ACCESS CONTROL MEASURES	2006

Duration of IRP

Date of IRP Inception: 197506

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 202009/202009

Date of IRP completion including Long Term Management (LTM): Indefinite

IRP Contamination Assessment

Contamination Assessment Overview

GRTS is a 20,000-acre area located approximately 20 miles southeast of Delta Junction and Fort Greely, Alaska. This site was comprised of one building that housed a laboratory, dining facilities, and quarters for personnel on the site. All buildings have been demolished, and there are no permanent structures remaining. The GRTS is currently used by the US Army-Alaska as a maneuver training area.

Test records indicate that the US Army performed chemical agent and high explosive munitions testing here between 1954 and 1962. Some documents from this era remain classified material and are not available for public use. In 1962, the US Army reorganized and the Arctic Test Board, under the US Army Test and Evaluation Command, was established at Fort Greely. The purpose of the Test Board was to assist in performing test activities requiring arctic environments.

From December 1962 through September 1967, tests were conducted under Project Shipboard Hazard and Defense involving static detonation and firing of Sarin (GB), a non-persistent nerve agent, and a persistent nerve agent (VX) munitions (mines, bomblets, rockets, and projectiles).

In 1966, chemical ordnance being stored on Blueberry Lake (within the test site), awaiting disposal, inadvertently fell through the ice when it melted in the spring. In 1969, the lake was drained and all munitions were recovered. These munitions were demilitarized, and the remains were placed in the two disposal trenches east of Blueberry Lake. Tests in the area of the pits have not detected any contaminants in soils or groundwater.

In June 1972, the lease of 64,829 acres at the adjacent Expansion Area (used for testing between 1964 and 1972) expired, and the property was turned over to the state of Alaska. This property is known as the Gerstle River Expansion Area and is managed under the FUDS program. Prior to the termination of the lease, a number of environmental cleanup operations were performed concurrently at the Expansion Area and Test Site, with "Operation Cleanup Alaska" ending in 1970. Material recovered from the Expansion Area, during these cleanup operations, was deposited in covered disposal trenches on the active test site.

In 1976, a preliminary assessment (PA)/site inspection (SI) was performed on the GRTS, and the results were sent to the USEPA for ranking. Based on the inspections report, the USEPA determined that the GRTS was not a candidate for the NPL.

In fiscal year (FY) 04 an historical archive search began; it continued through FY08. Over 3,000 documents have been reviewed at the National Archives to determine the type of tests and testing materials that were used at Gerstle River. Institutional control (IC) signs precluding digging in marked areas have been installed to warn recreational and military users of buried material on the site.

Cleanup Exit Strategy

AOCs will be identified using historical archives and geophysical surveys. Land use controls (LUC) will be established to protect recreational and military users. ADEC closure requirements for this site will be met and the LUCs will be maintained into the future.

IRP Previous Studies

Year	Title	Author	Date
1959	Report of Foundation and Materials Investigation, Gerstle River, TD-2	USACE, Alaska District	JUL-1959
1966	Exploration and Testing of Subsurface Soils, Gerstle River Radioactive Waste Disposal Site	USACE, Alaska District	MAR-1966
1976	Installation Assessment of the Gerstle River Test Site, Report 105, Volume I	US Army Toxic and Hazardous Materials Agency	DEC-1976
1986	Gerstle River Test Site Monitoring Plan	US Army Cold Regions Test Center	NOV-1986
	Analytical Results for Gerstle River Test Site Samples, Prepared for NPD Materials Laboratory	Century Testing Laboratories, Inc.	DEC-1986
1988	Update of the Initial Installation Assessment of the Gerstle River Test Site, AK	Environmental Science and Engineering, Inc.	MAR-1988
1993	Site Screening Inspection Report for Gerstle River Test Site, Alaska	Environmental Science and Engineering, Inc.	JAN-1993
1994	Archives Search, Conclusions and Recommendations, Gerstle River Expansion Area, Big Delta, Site Nos. F10AK098400	USACE, St. Louis District	JUN-1994
	Gerstle River Expansion Area, Public Meeting & Residential Interview Report, Contract No. F10AK098404	Dames & Moore	SEP-1994
	Underground Storage Tank Removal, Site Assessment, and Recommendations	Brown & Root, Service Contractor	SEP-1994
	Site Characterization Operation Gerstle River Expansion Area Final Report, Contract No. DACA88-94-P-1293	Human Factors Applications, Inc., Explosive Ordnance Disposal Division	OCT-1994
1995	Initial Project Management Plan (IPMP) for Ordnance and Explosive Waste (OEW) at Gerstle River Expansion Area and Test Site	US Army Corps of Engineers, Huntsville Division	FEB-1995
	Final 1995 Non-Intrusive Work and Safety Plan; Site Investigation for OEW and CWM Gerstle River Expansion Area and Test Site	Dames & Moore	JUN-1995
	1996 Intrusive Work and Safety Plan (Phase 2); Site Investigation for OEW and CWM Gerstle River Expansion Area and Test Site	Dames & Moore	NOV-1995
	Geophysical Target Analysis Report; Site Investigation for OEW and CWM Gerstle River Expansion Area and Test Site	Dames & Moore	DEC-1995
1996	Project Manager Non-Stockpile Chemical Material, Gerstle River Expansion Area, Interim Holding Facility Plan	US Army, Program Manager for Chemical Demilitarization	APR-1996
	1996 Intrusive Work and Safety Submission (Phase 2), Site Investigation for OE and RCWM, Gerstle River Expansion Area and Test Site	Dames & Moore	JUN-1996

IRP Previous Studies

	Title	Author	Date
1998	Update of the Initial Installation Assessment of Gerstle River	USATHAMA	MAR-1998
	Final Records Review Memorandum For The Gerstle River Expansion Area, Big Delta, AK	USATHAMA	JUN-1998
2007	Final Work Plan, Groundwater and Surface Water Sampling	DGS	JUL-2007
2010	Gerstle River Test Site Burial Pit Geophysical Investigation, Fort Wainwright, Alaska, Cold Regions Research and Engineering Laboratory	USACE	APR-2010

GERSTLE RIVER TEST SITE
Installation Restoration Program
Site Descriptions

Site ID: GRTS-001
Site Name: GERSTLE RIVER TEST SITE

STATUS

Regulatory Driver: CERCLA

RRSE: LOW

Contaminants of Concern: Munitions and explosives of concern (MEC)

Media of Concern: Soil

Phases	Start	End
PA.....	197506.....	197612
SI.....	199206.....	199210
RI/FS.....	200210.....	202009
IRA.....	200505.....	200510

RIP Date: N/A

RC Date: 202009

SITE DESCRIPTION

GRTS was used for chemical testing by the Army from the mid-1950s to 1970s. Weapons tests were actively conducted in this area from December 1962 through September 1967. Weapons testing during this period included static detonation of various munitions releasing nerve agents, VX, and GB and dynamic firing of projectiles with release of GB and VX to the atmosphere. In 1967 all tests using chemical agents at the GRTS were suspended and thus far have not resumed.

A geophysical investigation was done by the US Army Cold Regions Research and Engineering Laboratory in 2006 at the GRTS in order to locate burial trenches in addition to the two known trenches at Blueberry Lake. Previous studies, reports, and historic photographs were used to choose six study locations where burials likely remain. Ground penetrating radar and electromagnetic induction were used to test for buried debris in the six areas termed A through F. Two additional areas (G and H) were identified adjacent to the former test grids. The results of this investigation were finalized in a geophysical investigation in April 2010.

In FY12 it was determined that the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process had not been completed since waste remains in place that has not been fully characterized. Therefore, the site was reopened in the database to perform a tabletop RI, which would encompass the results of all the previous studies.

The RI will include a consolidation and review of the past studies and available information to determine where there might be potential receptor pathways and data gaps that need to be addressed. Since the compilation of documents that will be associated with the RI is extensive, the assumption is that there will not be a need for data gap sampling and analysis. It is assumed that the feasibility study (FS) is likely to indicate that a LUC is the best alternative for this site. The LUC will identify areas and include inspection of signs at the entrance of the site, around known disposal areas, and test sites. The LUC will be integrated with the installation's recreational access permit program and garrison policy.

In September 2014 a decision document (DD) was signed to close the four USTs with ICs. The state of Alaska provided a closure letter for the UST site with the stipulation that the tanks would be removed from the database upon receipt of the site LUC/IC plan. The costs for the USTs are covered under CC-GRTS-001, and additional database entries will be created by sites requiring RA.

The LTM/LUCIP was completed in June 2015 and the state of Alaska submitted a letter approving the document. An additional letter closing the USTs within the state database is underway.

CLEANUP/EXIT STRATEGY

A contract is being pursued to address the additional sites within the Administrative Area and Blueberry Lake Landfills. The five-year reviews will continue.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
GRTS-002	EXPANDED GERSTLE RIVER T.S.	199510	Transferred to FUDS Program
GRTS-003	BLUEBERRY LAKE ACCIDENTAL SPILL	199512	Combined as part of GRTS-01
GRTS-004	DISPOSAL PIT NW OF CHEMICAL TEST FAC	199510	Combined as part of GRTS-01
GRTS-005	DISPOSAL PIT E OF BLUEBERRY LK	199210	Combined as part of GRTS-01

IRP Schedule

Date of IRP Inception: 197506

Past Phase Completion Milestones

1977

PA (GRTS-001 - GERSTLE RIVER TEST SITE)

1983

PA (GRTS-002 - EXPANDED GERSTLE RIVER T.S., GRTS-003 - BLUEBERRY LAKE ACCIDENTAL SPILL, GRTS-004 - DISPOSAL PIT NW OF CHEMICAL TEST FAC)

1992

PA (GRTS-005 - DISPOSAL PIT E OF BLUEBERRY LK)

1993

SI (GRTS-001 - GERSTLE RIVER TEST SITE, GRTS-002 - EXPANDED GERSTLE RIVER T.S., GRTS-003 - BLUEBERRY LAKE ACCIDENTAL SPILL, GRTS-004 - DISPOSAL PIT NW OF CHEMICAL TEST FAC, GRTS-005 - DISPOSAL PIT E OF BLUEBERRY LK)

1996

RI/FS (GRTS-002 - EXPANDED GERSTLE RIVER T.S.)

2006

IRA (GRTS-001 - GERSTLE RIVER TEST SITE)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates

Site ID	Site Name	ROD/DD Title	ROD/DD Date
GRTS-001	GERSTLE RIVER TEST SITE	Gerstle River Test Site LUCs	20181005

Final RA(C) Completion Date:

Schedule for Next Five-Year Review: 2017

Estimated Completion Date of IRP at Installation (including LTM phase): Indefinite

GERSTLE RIVER TEST SITE IRP Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
GRTS-001	GERSTLE RIVER TEST SITE	RI/FS						

GERSTLE RIVER TEST SITE
Army Defense Environmental Restoration Program
Compliance Restoration

CR Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 1/0

Installation Site Types with Future and/or Underway Phases

1 Underground Storage Tank
 (CC-GRTS-01)

Most Widespread Contaminants of Concern

Petroleum, Oil and Lubricants (POL)

Media of Concern

Groundwater

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
N/A				

Duration of CR

Date of CR Inception: 197001

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 201709/201709

Date of CR completion including Long Term Management (LTM): 201701

CR Contamination Assessment

Contamination Assessment Overview

GRTS was used for chemical testing by the Army from the mid-1950s through the 1970s. Weapons tests were actively conducted in this area from December 1962 through September 1967. Weapons testing during this period included static detonation of various munitions releasing nerve agents, VX and GB, and dynamic firing of projectiles with release of GB and VX to the atmosphere. In 1967 all tests using chemical agents at the GRTS were suspended and have not resumed. USTs formerly located at the site were used for heating, refueling, and to supply fuel for a generator. One tank contained diesel heating fuel, two tanks were associated with the fueling system, and the fourth tank was reportedly used to store diesel fuel for a generator and boiler.

Activities in 2009 and 2010 consisted of investigations of the former UST sites in the GRTS Administrative Area. The UST sites are identified in the ADEC UST database as UST No. 000, UST No. 450, UST No. 451, and UST No. 449. An assessment report finalized in July 2011, showed exceedances of ADEC migration to groundwater cleanup levels of diesel-range organics, gasoline-range organics, and associated by-products in soil.

Cleanup Exit Strategy

The LUC will include signs to mark the former Administration Area and will be integrated with the installation's recreational access permit program and garrison policy. The LTM described in the LUCIP will follow until migration to groundwater standards are met. The LTM will be conducted every five years for thirty years and will include groundwater sampling to verify whether the state's migration to groundwater standards have been met.

CR Previous Studies

Title

Author

Date

There are no Previous Studies

GERSTLE RIVER TEST SITE

Compliance Restoration

Site Descriptions

Site ID: CC-GRTS-01

Site Name: Administrative Area USTs

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL)

Media of Concern: Groundwater

Phases	Start	End
ISC.....	197001.....	197009
INV.....	200909.....	201107
CAP.....	201301.....	201701

RIP Date: N/A

RC Date: 201709

SITE DESCRIPTION

GRTS was used for chemical testing by the Army from the mid-1950s through the 1970s. Weapons tests were actively conducted in this area from December 1962 through September 1967. Weapons testing during this period included static detonation of various munitions releasing nerve agents, VX and GB, and dynamic firing of projectiles with release of GB and VX to the atmosphere. In 1967 all tests using chemical agents at the GRTS were suspended and thus far have not resumed. USTs formerly located at the site were used for heating, refueling, and to supply fuel for a generator. One tank contained diesel heating fuel, two tanks were associated with the fueling system, and the fourth tank was reportedly used to store diesel fuel for a generator and boiler.

Activities in 2009 and 2010 consisted of investigations of the former UST sites in the GRTS Administrative Area. The UST sites are identified in the ADEC UST database as UST No. 000, UST No. 450, UST No. 451, and UST No. 449. An assessment report finalized July 2011 showed exceedances of ADEC migration to groundwater cleanup levels of diesel-range organics, gasoline-range organics, and associated by-products in soil. The recommended remedy for the site is LUCs since depth to groundwater is 470 feet and there are limited receptors and exposure, which can only occur through deep excavation. The ADEC approved the findings and recommendation. The ADEC is seeking a final DD that incorporates a LUCIP and LTM plan for the tank sites.

In FY12 the LUCIP will be initiated under a corrective action plan (CAP) and, subsequently, followed through in the implementation (construction) [IMP(C)] phase. The LUC will include signs to mark the former Administration Area, and will be integrated with the installation's recreational access permit program and garrison policy. The LTM described in the LUCIP will follow until migration to groundwater standards are met. The LTM will be conducted every five years for 30 years and will include groundwater sampling to verify whether the state's migration to groundwater standards have been met.

In September 2014 a DD was signed to close the four USTs with ICs. The state of Alaska provided a closure letter for the UST site with the stipulation that the tanks would be removed from the data base upon receipt of the site LUC/IC plan. The costs for the storage tanks are covered under CC-GRTS-001, and additional database entries will be created for sites requiring RA.

The LTM/LUCIP was completed in June 2015, and the state of Alaska submitted a letter approving the document. An additional letter closing the USTs within the state database is underway.

CLEANUP/EXIT STRATEGY

The LUC will include signs to mark the former Administration Area and other heavily travelled entry points and will be integrated into the installation's recreational access permit program and garrison policy. The LTM described in the LUCIP will be addressed every year as part of the annual institutional control plan to ensure LTM measures remain in place and are being followed.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
There are no NFA sites			

CR Schedule

Date of CR Inception: 197001

Past Phase Completion Milestones

1970

ISC (CC-GRTS-01 - Administrative Area USTs)

2011

INV (CC-GRTS-01 - Administrative Area USTs)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates

Site ID	Site Name	ROD/DD Title	ROD/DD Date
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Final RA(C) Completion Date:

Schedule for Next Five-Year Review: 2017

Estimated Completion Date of CR at Installation (including LTM phase): 201701

GERSTLE RIVER TEST SITE CR Schedule

 = phase underway

SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
CC-GRTS-01	Administrative Area USTs	CAP						

Community Involvement

Technical Review Committee (TRC): None

Community Involvement Plan (Date Published): TBD

Restoration Advisory Board (RAB): No

Reason Not Established: Installation is in the process of determining interest in establishing a RAB.

Additional Community Involvement Information

Community concerns and views are recorded as part of the Gerstle River FUDS RAB. The installation is in the process of determining if a separate RAB is warranted for the non-FUDS portion.

Administrative Record is located at

Directorate of Public Works
3023 Engineer Place
Fort Wainwright, AK 99703

Information Repository is located at

Directorate of Public Works
3023 Engineer Place
Fort Wainwright, AK 99703

Current Technical Assistance for Public Participation (TAPP):N/A

TAPP Title: N/A

Potential TAPP: (None)

