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FY2007

SENECA ARMY DEPOT ACTIVITY

**Base Realignment & Closure
Installation Action Plan**

Printed 10 January 2008

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Statement of Purpose

The purpose of the Base Realignment and Closure (BRAC) Installation Action Plan (BIAP) is to outline the total multi-year Cleanup Program for an installation. The plan identifies environmental cleanup requirements at each site or area of concern, and proposes a comprehensive, installation-wide approach, with associated costs and schedules, to conduct investigations and necessary remedial actions (RA).

In an effort to coordinate planning information between the restoration manager, US Army Environmental Command (USAEC), Seneca Army Depot, BRAC Division, executing agencies, regulatory agencies, and the public, an BIAP was completed. The BIAP is used to track requirements, schedules and tentative budgets for all 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.

The following persons contributed to the formulation and completion of this Installation Action Plan for SENECA ARMY DEPOT ACTIVITY during a planning workshop/book update held on January 24, 2007:

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See AEDB-R for Approval and Submittal of Data by
Installation

See AEDB-R for Approval and Submittal of Data by
Program Manager

Acronyms

AOC	Area of Concern
ARAR	Applicable or Relevant and Appropriate Requirements
AWQS	Ambient Water Quality Standard
BIAP	BRAC Installation Action Plan
BRAC	Base Realignment and Closure
BTEX	Benzene, Toluene, Ethylbenzene, and Xylene
CA	Corrective Action
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
DD	Decision Document
EECA	Engineering Evaluation / Cost Analysis
EOD	Explosive Ordnance Division
EPA	Environmental Protection Agency
ESI	Expanded Site Investigation
FFA	Federal Facilities Agreement
FS	Feasibility Study
FSS	Final Status Survey
ft	feet
FY	Fiscal Year
GW	Groundwater
IAG	Interagency Agreement
IC	Institutional Controls
IRA	Interim Remedial Action
IRFNA	Inhibited Red Fuming Nitric Acid
LF	Landfill
LTA	Local Training Area
LTM	LongTerm Management
LUC	Land Use Control
MEC	Munitions and Explosives of Concern
NCFL	Non Combustible Fill Landfill
NFA	No Further Action
NPL	National Priorities List
NRC	Nuclear Regulatory Commission
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OB	Open Burn
OD	Open Detonation
OE	Ordnance and Explosives
PAH	Polycyclic Aromatic Hydrocarbons
PBC	Performance- Based Contract
PRAP	Proposed Remedial Action Plan
RA	Remedial Action
RA(C)	Remedial Action - Construction
RA(O)	Remedial Action - Operation
RC	Response Complete

Acronyms

RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIFS	Remedial Investigation / Feasibility Study
ROD	Record of Decision
SEDA	Seneca Army Depot
SRI	Supplemental Remedial Investigation
SVOC	Semi Volatile Organic Compound
SWMU	Solid Waste Management Unit
TBD	To Be Determined
TCE	Trichloroethylene
TCRA	Time critical removal action
USACE	US Army Corps of Engineers
USACHPPM	US Army Center for Health Promotion and Preventive Medicine
USAEC	US Army Environmental Command
USAESC,H	United States Army Engineering Support Center, Huntsville
USEPA	US Environmental Protection Agency
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VOC	Volatile Organic Compound

Installation Information

Installation Locale

Installation Size (Acreage): 10,687.00
Retained by Component (Acreage): .00
BRAC Acreage: 10,687.00
Acres being transferred to another service: .00
Acres being transferred to other federal agencies: 271.00
Acres being transferred to non- federal agencies: 10,416.00

City: Romulus
County: Seneca
State: New York

Other Locale Information

The Seneca Army Depot Activity (SEDA) encompasses 10,687 acres in Seneca County, New York. It lies between Cayuga and Seneca Lakes in the Finger Lakes region and abuts the town of Romulus. SEDA is bordered by New York State Highway 96 to the east, New York State Highway 96A to the west, and sparsely populated farmland to the north and south.

List of Off- Post Properties

N/A

Environmental Condition of Property

Acres in Category 1: 8,598.00
Acres in Category 2: 19.00
Acres in Category 3: 1,129.00
Acres in Category 4: 140.00
Acres in Category 5: 801.00
Acres in Category 6: .00
Acres in Category 7: .00

Lead Organization

Base Realignment and Closure Division

Lead Executing Agencies for Installation

USACE

Regulator Participation

Federal USEPA, Region II
State NYSDEC

BRAC Closure Round: BRAC IV - Base Realignment And Closure 1995

Status of Redevelopment Initiative (Reuse Plan)

Redevelopment Plan Date: 199703
Organization Name: Seneca County Indst Dev Agency

Existing Legal Agreements/Interim Leases

Parcel Name	Actual Lease/License Date	Length of Lease/License	Licensee
airfield	14- FEB- 2002	50	

Significant Base Tenants

Projected Date of Final Transfer of Property: 201709

National Priorities List (NPL) Status

A score of 37.3 was recorded on 199008.

Installation Information

Final RA(C) Completion Date: 201212

Date for NPL Deletion:

BRAC- IRP N/A

BRAC- MMRP N/A

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

RAB established 1996

Installation Program Summaries

BRAC- IRP

Primary Contaminants of Concern: Metals, Nitrate/Nitrite, Radionuclides, Semi- volatiles, Volatiles

Affected Media of Concern: Groundwater, Soil, Surface Water

Estimated Date for Remedy- In- Place (RIP)/Response Complete (RC): 200909/202709

Prior Funding: \$88,701.0 K

Current Requirements: \$614.8 K

Future Requirements: \$12,725.0 K

BRAC- MMRP

Primary Contaminants of Concern: Metals, Munitions and explosives of concern, Munitions constituents, Semi- volatiles

Affected Media of Concern: Groundwater, Soil

Estimated Date for Remedy- In- Place (RIP)/Response Complete (RC): 201701/201701

Prior Funding: \$11,119.0 K

Current Requirements: \$60.4 K

Future Requirements: \$22,517.0 K

Previous Studies

	Title	Author	Date
1994	Expanded Site Inspection Seven High Priority Solid Waste Management Units (SWMUs) - SEADs 4, 16, 17, 24, 25, 26 and 45	Parsons	APR- 1994
	Final Action Memorandum/Ash Landfill Removal Action		MAY- 1994
	SWMU Classification Report	Engineering Science	SEP- 1994
1995	Prove- Out Event Report (Ash Landfill)	Parsons	JAN- 1995
	Mid- Project Data Report (Ash Landfill)	Parsons	FEB- 1995
	Endangered Species Survey	US Fish and Wildlife Service/Universities Cornell and Syracuse	FEB- 1995
	Expanded Site Inspection Seven High Priority SWMUs - SEADs 4, 16, 17, 24, 25, 26 and 45	Parsons	MAY- 1995
	Process Evaluation Report of Deactivation Furnace	Parsons	JUL- 1995
	Section C - Technical Specifications- Removal Action at 3 SWMUs for Metal and Semi- volatile Organics (SEADs 24, 50/54, 67): October	Parsons	OCT- 1995
	Wetlands Survey	Seneca Army Depot Activity	DEC- 1995
	Ash Landfill Immediate Response	Parsons	DEC- 1995
	Expanded Site Inspection Three Moderate Priority SWMUs - SEADs 11, 13, and 57	Parsons	DEC- 1995
	1996	Feasibility Study Report at the Open Burning Grounds	Parsons
Feasibility Study Report at Ash Landfill Site, Volume I and II		Parsons	DEC- 1996
1997	Groundwater Modeling in Support of the Funnel and Gate Design at the Ash Landfill	Parsons	JAN- 1997
	Environmental Baseline Survey Report	Parsons	MAR- 1997
	SEAD- 13 Project Scoping Plan for Performing a CERCLA Remedial Investigation/Feasibility Study (RIFS) at the Inhibited Red Fuming Nitric Acid Disposal Pits	Parsons	SEP- 1997
1998	SEAD- 11, SEAD- 64A, SEAD- 64D Project Scoping Plan for Performing a CERCLA RIFS at the Construction Debris Landfill (SEAD 11), Garbage Disposal Areas (SEAD 64A and 64D)	Parsons	SEP- 1997
	Groundwater Modeling in Support of the Funnel and Gate Design at the Ash Landfill	Parsons	JAN- 1998
1998	Cost Estimate Open Burning Ground Remediation Program	Parsons	APR- 1998
	Remedial Investigation Report at the Fire Training and Demonstration Pad (SEAD- 25) and the Fire Training Pit and Area (SEAD- 26)	Parsons	MAY- 1998
	SEAD- 12 and SEAD- 63, Project Scoping Plan for Performing a CERCLA RIFS at Building 804 and the Associated Radioactive Waste Burial Sites (SEAD- 12), and the Miscellaneous Components Burial Site (SEAD- 63)	Parsons	JUN- 1998
	Section C Technical Specifications Soil and Sediment Remediation at the Open Burning (OB) Grounds	Parsons	AUG- 1998
	Engineering Evaluation/Cost Analysis (EE/CA) Approval Memorandum Miscellaneous Components Burial Site (SEAD- 63)	Parsons	OCT- 1998
	Work Plan Treatability Study at the Incinerator Ash Landfill	Parsons	NOV- 1998
	Final Record of Decision OB Grounds	Parsons	DEC- 1998

Previous Studies

	Title	Author	Date
1998	EE/CA Approval Memorandum Construction Debris Landfill (SEAD- 11) and Garbage Disposal Areas (SEAD- 64A and SEAD- 64D)	Parsons	DEC- 1998
1999	Technical Specifications for Removal Actions at SWMUs SEAD- 24, SEAD- 50, SEAD- 54 and SEAD- 67	Parsons	FEB- 1999
	Technical Specifications for Removal Actions at SWMUs SEAD- 24, SEAD- 50, SEAD- 54 and SEAD- 67	Parsons	MAR- 1999
	Technical Specifications for Removal Actions at SWMUs SEAD- 38, SEAD- 39, SEAD- 40, SEAD- 41 and SEAD- 60	Parsons	MAR- 1999
	Final Investigation of Environmental Baseline Survey Non-Evaluated Sites, SEAD- 199A, SEAD- 122 (A, B, C, D, E), and SEAD- 123 (A, B, C, D, E, F), SEAD- 46, SEAD- 68 and SEAD- 120 (A, B, C, D, E, F, G, H, I, J), SEAD- 121 (A, B, C, D, E, F, G, H, I), Seneca Army Depot Activity	Parsons	MAY- 1999
2000	Derived Concentration Guideline Level Development for Radiological Surveys in Class 1 Buildings at SEAD- 12, Seneca Army Depot Activity, Romulus, NY	Parsons	JAN- 2000
	Ordnance Explosives (OE) Final Ordnance and Explosives Engineering Evaluation/Cost Analysis	Parsons	MAY- 2000
	Feasibility Study at the Abandoned Deactivation Furnace (SEAD- 16) and the Active Deactivation Furnace (SEAD- 17) (Final)	Parsons	SEP- 2000
2001	SEAD- 4 Remedial Investigation Report at the Munitions Washout Facility (SEAD- 4), (FINAL)	Parsons	JAN- 2001
	Data from the Additional Sampling Program Conducted at the Old Construction Debris Landfill (SEAD- 11) at SEDA	Parsons	APR- 2001
	Data from the Additional Sampling Program Conducted at the Old Construction Debris Landfill (SEAD- 11) at SEDA	Parsons	APR- 2001
	Superfund PRAP for The Ash Landfill	Parsons	JUN- 2001
	Feasibility Study at the Abandoned Deactivation Furnace (SEAD- 16) and the Active Deactivation Furnace (SEAD- 17) (Revised Final)	Parsons	JUL- 2001
	Action Memorandum for the Miscellaneous Components Burial Site (SEAD- 63) (Final)	Parsons	OCT- 2001
	Memorandum Cost Curves for SEAD 4 and SEAD- 59	Parsons	OCT- 2001
	Phase I Remedial Investigation (RI) at the Fill Area West of Building 135 (SEAD- 59), and the Alleged Paint Disposal Area (SEAD- 71), Seneca Arm Depot Activity (FINAL)	Parsons	NOV- 2001
2002	Remedial Investigation Report at the Radiological Waste Burial Sites (SEAD- 12) Volumes I, II and III (Final Revised)	Parsons	FEB- 2002
	Decision Document Mini Risk Assessment (SEAD 9, 27, 28, 32, 33, 34, 43, 44A, 44B, 52, 56, 58, 62, 64A, 64B, 64C, 64D, 66, 68, 69, 72, and 120B,) (FINAL): May	Parsons	JUL- 2002
	Proposed Remedial Action Plan at the Fire Training and Demonstration Pad (SEAD- 25) and the Fire Training Pit and Area (SEAD- 26), (Final)	Parsons	JUL- 2002
	Phase I Remedial Investigation (RI) at the Fill Area West of Building 135 (SEAD- 59), and the Alleged Paint Disposal Area (SEAD- 71), Seneca Arm Depot Activity (Revised Final)	Parsons	JUL- 2002
	Final Removal Report SEAD- 59 & - 71, Time Critical Removal Action: January	Parsons	JAN- 2003
2003	Radiological Survey Report - SEAD- 12 Phase I and II Surveys	Parsons	MAR- 2003
	Final Action Memorandum for Removal Action at SWMU SEAD- 11, Seneca Army Depot Activity	Parsons	APR- 2003

Previous Studies

	Title	Author	Date
2003	Superfund Proposed Plan for the Abandoned Deactivation Furnace (SEAD- 16) and Active Deactivation Furnace (SEAD- 17)	Parsons	APR- 2003
	Final Action Memorandum for Removal Action at SWMU SEAD- 11, Seneca Army Depot Activity	Parsons	APR- 2003
	Revised Final Action Memorandum for Removal Action at SWMU SEAD- 11, Seneca Army Depot Activity	Parsons	JUN- 2003
	Decision Document Mini Risk Assessment SEAD- 13 Inhibited Red Fuming Nitric Acid (IRFNA) Disposal Site	Parsons	JUL- 2003
	Record of Decision (ROD) The Fire Training and Demonstration Pad (SEAD- 25) and the Fire Training Pit and Area (SEAD- 26) (Final)	Parsons	JUL- 2003
	Final OE Removal Report, Unexploded Ordnance (UXO) and Soil Remediation, Open Burning Grounds	Parsons	AUG- 2003
	ROD Twenty No Action SWMUs (SEAD- 7, 9, 10, 18, 19, 20, 21, 22, 33, 35, 36, 37, 42, 47, 49, 51, 53, 55, 60, 61, 65 and 68) and Eight No Further Parsons: Action SWMUs (SEADs 28, 29, 30, 31, 32, 34, 60 and 61)	Parsons	SEP- 2003
	UXO and Sediment Remediation Open Burning Grounds, Seneca Army Depot Activity, Romulus, NY Final OE Removal Report	Parsons	NOV- 2003
2004	Time Critical Removal Action Metal Sites - SEAD 67	Weston	JAN- 2004
	Non- Time Critical Removal Action Miscellaneous Components Burial Site Workplan (SEAD- 63) (Final), CD	Parsons	MAR- 2004
	Revised Final Action Memorandum for Removal Action at SWMU SEAD- 11, Seneca Army Depot Activity, CD	Parsons	JUN- 2004
	NRC License Termination Report, Seneca Army Depot Activity	Parsons	JUN- 2004
	Signed Final ROD for Sites Requiring Institutional Controls in the Planned Industrial/Office Development or Warehousing Areas, Seneca Army Depot Activity	Parsons	JUN- 2004
	ROD for the Ash Landfill & Appendix E, signed Final, CD	Parsons	JUL- 2004
	Decision Document Mini Risk Assessment SEAD- 13 IRFNA Disposal Site	Parsons	JUL- 2004
	ROD The Fire Training and Demonstration Pad (SEAD- 25) and the Fire Training Pit and Area (SEAD- 26) and Appendix E, (Final): July,	Parsons	JUL- 2004
	ROD for the Abandoned Deactivation Furnace, CD	Parsons	NOV- 2004
	Proposed Plan No Further Action SWMUs (SEAD 50/54) (FINAL, Revised), Seneca Army Depot Activity	Parsons	DEC- 2004
	ROD for No Further Action SWMU's (SEAD 50/54 at Seneca Army Depot Activity	Parsons	DEC- 2004
2005	Final Completion Removal Report, Time Critical Removal Action Metal	Parsons	FEB- 2005
	Final Site- Specific Project Report, SEAD 45/115 Open Detonation Grounds, Ordnance and Explosives Removal, Phase I Geophysical Survey and Cost Estimate, CD	Parsons	MAR- 2005
	Final Feasibility Study Munitions Washout Facility SEAD 4	Parsons	MAR- 2005
	EE/CA Action Memorandum Explosive Ordnance Division (EOD) Areas # 2 and #3, et al	Parsons	MAY- 2005
	Time- Critical Removal Action VOC Sites- SEADs 39 & 40, Final Completion Removal Report	Parsons	MAY- 2005
	Final ROD for No Further Action SWMU's (SEAD 50/54) at Seneca Army Depot Activity, Distributed, Final Signature, CD	Parsons	MAY- 2005

Previous Studies

	Title	Author	Date
2005	Resource Conservation and Recovery Act (RCRA) Closure Plan, Building 803- Mixed Waste Storage Facility Solid Waste Management Unit - SEAD- 72 (Final), CD	Parsons	OCT- 2005
	Non- Time Critical Removal Action Miscellaneous Components Burial Site Completion Report Vols. I, II, III (SEAD- 63) (Final), CD	Parsons	NOV- 2005
2006	Draft Construction Completion Report for the Fire Training and Demonstration SEAD- 25) and the Fire Training Pit and Area (SEAD- 26)	Parsons	FEB- 2006
	Final Completion Removal Report Industrial Waste Site (Sludge Piles) , SEAD- 5	Parsons	FEB- 2006
	Supplemental Remedial Investigation at the Radioactive Waste Burial Sites (SEAD- 12)	Parsons	FEB- 2006
	Technical Memorandum, Draft Evaluation Report for the Mulch Biowalls at the Ash Landfill Site, Seneca Army Depot Activity	Parsons	MAR- 2006
	Final Completion Removal Report, SEAD Time Critical Removal Action Metal Sites - SEAD- 24	Weston	MAR- 2006
	E0800 Row Pitchblende Ore Storage Igloos (SEAD- 48)	Parsons	MAR- 2006
	Final Status Survey and Appendices A- T.	Parsons	MAR- 2006
	Final, Remedial Investigation Report, Two EBS Sites in the Planned Industrial Development Area, (SEAD- 121C and SEAD 121I)	Parsons	APR- 2006
	Phase II Remedial Investigation (RI) at the Fill Area West of Building 135 (SEAD- 59), and the Alleged Paint Disposal Area (SEAD- 71), Vols I & II, Seneca Army Depot Activity , Draft- Final	Parsons	APR- 2006
	Explosives Safety Submission for Munitions Response, Seneca Army Depot Activity, Revised	Parsons	APR- 2006
	Draft- Final Proposed Plan No Action/No Further Action SWMUs (SEAD 58, and 63), Seneca Army Depot Activity	Parsons	JUL- 2006
	Draft- Final Construction Completion Report for the Fire Training and Demonstration (SEAD- 25) and the Fire Training Pit and Area (SEAD- 26)	Parsons	JUL- 2006
	Submittal of Draft Record of Decision for No Action/No Further Parsons SWMUs SEAD- 58 and SEAD- 63	Parsons	JUL- 2006
	Draft- Final Proposed Plan For Seventeen SWMUs Requiring Institutional Controls SEADs 13, 39, 40, 41, 43, 56, 69, 44A, 44B, 52, 62, 64B, 64C, 64D, 67, 122B, 122E Seneca Army Depot Activity	Parsons	AUG- 2006
	Draft Interim Removal Action at Old Construction Debris Landfill (SEAD- 11),	Parsons	AUG- 2006
	Final Remedial Design Report for the Ash Landfill Operable Unit Seneca Army Depot Activity	Parsons	AUG- 2006
	Draft Record of Decision (ROD) for Seventeen SWMUs Requiring Institutional Controls SEADs - 13, 39, 40 , 41, 43, 56, 69, 44A, 44B, 52, 62, 64B, 64C, 64D, 67, 122B, 122E	Parsons	AUG- 2006
	Revised Final Remedial Design Report for the Ash Landfill Operable Unit	Parsons	SEP- 2006
	Record of Decision (ROD) for the Abandoned Deactivation Furnace (SEAD- 16) and the Active Deactivation Furnace (SEAD- 17), Final- signed (September 29, 2006)	Parsons	OCT- 2006
	Final Record of Decision for No Action / No Further Action SWMUs (SEAD- 58) and (SEAD- 63), Signed version (9/29/06	Parsons	OCT- 2006
	Final Interim Removal Action at Old Construction Debris Landfill (SEAD- 11), Seneca Army Depot Activity PBC II	Parsons	OCT- 2006

Cleanup Program Summary

Installation Historic Activity

Since its inception in 1941, SEDA's primary mission was the receipt, storage, maintenance, and supply of military items. SEDA was proposed for the National Priorities List (NPL) in July 1989. In August 1990, SEDA was finalized and listed under Group 14 on the Federal Section of the NPL. To facilitate resolution of contamination issues at SEDA, the USEPA, the NYSDEC, and the Army entered into a Federal Facilities Agreement (FFA), also known as the Interagency Agreement (IAG). This agreement stated that future investigations would be based on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) guidelines, and that the Resource Conservation and Recovery Act (RCRA) was considered an Applicable or Relevant and Appropriate Requirement (ARAR) pursuant to Section 121 of CERCLA. In October 1995, SEDA was designated as a facility to be closed under the provisions of the BRAC process.

Installation Program Cleanup Progress

BRAC- IRP

Prior Year Progress: RA at OBG, Ash LF, FTAs; IRM at Sludge Piles, Const Debris LF, Rad Burial, BTEX sites, Paint Disp Areas, Metals completed; RI at Ore Igloos and Deact Furnaces; ROD at NFA and IC Sites prepared.

Future Plan of Action: RD/RA Mun Washout; DD at Mun Destr Area; LTM at sites following RA; Risk Assess/ROD at Mult sites to close out.

BRAC- MMRP

Prior Year Progress: ROD for DF. Initiated Munitions response for 4 sites.

Future Plan of Action: Complete MR and DD for 4 MMR sites; perform RD/RA at DF. Initiate MR for OD grounds

Transfer Summary

Parcel Name: LRA 2
Parcel Acreage: 1.00
Associated Sites: N/A
Transfer Date/Expected Transfer Date: 200709
Current Land Use: Industrial
Future Land Use: Other()
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Parcel Name: LRA 2A
Parcel Acreage: 14.00
Associated Sites: SEAD-001-R-01
Transfer Date/Expected Transfer Date: 200809
Current Land Use: Industrial
Future Land Use: Industrial
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Parcel Name: LRA 2B
Parcel Acreage: 76.00
Associated Sites: SEAD-004, SEAD-121
Transfer Date/Expected Transfer Date: 200909
Current Land Use: Industrial
Future Land Use: Industrial
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Transfer Summary

Parcel Name: LRA 3
Parcel Acreage: 7.75
Associated Sites: SEAD-011
Transfer Date/Expected Transfer Date: 200809
Current Land Use: Industrial
Future Land Use: Industrial
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Parcel Name: LRA 3A
Parcel Acreage: 31.00
Associated Sites: SEAD-048
Transfer Date/Expected Transfer Date: 200610
Current Land Use: Industrial
Future Land Use: Industrial
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: N/A
Other Issues Affecting Transfer: N/A

Parcel Name: LRA 3B
Parcel Acreage: 148.80
Associated Sites: SEAD-002-R-01
Transfer Date/Expected Transfer Date: 200909
Current Land Use: N/A
Future Land Use: N/A
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: SCIDA
Other Issues Affecting Transfer: N/A

Transfer Summary

Parcel Name: LRA 4
Parcel Acreage: 49.00
Associated Sites: SEAD- 012
Transfer Date/Expected Transfer Date: 200909
Current Land Use: Industrial
Future Land Use: Other()
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Parcel Name: LRA 4A
Parcel Acreage: 364.00
Associated Sites: SEAD- 006- R- 01
Transfer Date/Expected Transfer Date: 201709
Current Land Use: Industrial
Future Land Use: Recreational
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Parcel Name: LRA 5
Parcel Acreage: 88.00
Associated Sites: SEAD- 003- R- 01, SEAD- 007- R- 01
Transfer Date/Expected Transfer Date: 201209
Current Land Use: Industrial
Future Land Use: Other()
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Transfer Summary

Parcel Name: PID Transfer
Parcel Acreage: 967.00
Associated Sites: SEAD- 009, SEAD- 027
Transfer Date/Expected Transfer Date: 200509
Current Land Use: Industrial
Future Land Use: Industrial
Encumbrances: N/A
Leases/Permits/Licenses: N/A
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

Parcel Name: airfield
Parcel Acreage: 502.00
Associated Sites: N/A
Transfer Date/Expected Transfer Date: 200609
Current Land Use: Industrial
Future Land Use: Industrial
Encumbrances: N/A
Leases/Permits/Licenses: 20020214
Transfer Strategy: Economic Development Conveyance (EDC)
Recipient Organization: Seneca County Industrial Development Agency
Other Issues Affecting Transfer: N/A

SENECA ARMY DEPOT ACTIVITY

**Base Realignment and Closure
Installation Restoration Program**

BRAC- IRP Summary

Installation Total Army Environmental Database- Restoration (AEDB- R) Sites/Response Complet (RC) Sites: 72/58

Installation Site Types with Future and/or Underway Phases

- 1 Burn Area
(SEAD- 024)
- 1 Contaminated Fill
(SEAD- 059)
- 1 Disposal Pit/Dry Well
(SEAD- 013)
- 1 Fire/Crash Training Area
(SEAD- 025)
- 1 Industrial Discharge
(SEAD- 039)
- 2 Landfill
(SEAD- 006, SEAD- 009)
- 1 Radioactive Waste Area
(SEAD- 012)
- 1 Spill Site Area
(SEAD- 121)
- 2 Storage Area
(SEAD- 005, SEAD- 048)
- 2 Surface Disposal Area
(SEAD- 004, SEAD- 011)
- 1 Underground Storage Tank
(SEAD- 027)

Most Widespread Contaminants of Concern

Metals, Nitrate/Nitrite, Radionuclides, Semi- volatiles, Volatiles

Media of Concern

Groundwater, Soil, Surface Water

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

Site ID	Site Name	Action	Remedy	FY	Cost
SEAD- 030	UST BUILDING 118 POL	FRA	WASTE REMOVAL - DRUMS, TANKS, BULK CONTAINERS	1993	TBD
SEAD- 006	ASH LANDFILL (SEAD- 3,6,8,14,15)	IRA	OTHER	1995	TBD
SEAD- 059	FILL AREA WEST 135	IRA	REMOVAL	2003	TBD
SEAD- 027	BLDG 360 STEAM CLEANING WASTE TANK	FRA	INSTITUTIONAL CONTROLS	2005	TBD
SEAD- 050	TANK FARM	IRA	REMOVAL	2005	TBD
SEAD- 005	SEWAGE SLUDGE WASTE PILES	IRA	REMOVAL	2006	TBD
SEAD- 006	ASH LANDFILL (SEAD- 3,6,8,14,15)	FRA	GROUND WATER TREATMENT	2006	TBD
SEAD- 024	ABANDONED POWDER BURNING PIT	IRA	REMOVAL	2006	TBD
SEAD- 025	FIRE TRAINING AND DEMO PAD	FRA	REMOVAL	2006	TBD
SEAD- 039	BOILER PLANT BLOWDOWN PITS BUILDING 121	IRA	REMOVAL	2006	TBD
SEAD- 063	MISCELLANEOUS COMPONENTS BURIAL SITE	IRA	WASTE REMOVAL - DRUMS, TANKS, BULK CONTAINERS	2006	TBD
SEAD- 067	DUMP SITE EAST OF STP #4	IRA	REMOVAL	2006	TBD

BRAC- IRP Summary

Total BRAC- IRP Funding

Prior Funding: \$88,701.0 K
Current Requirements: \$614.8 K
Future Requirements: \$12,725.0 K

Duration of BRAC- IRP

Date of BRAC- IRP Inception: 197901
Estimated Date for Remedy- In- Place (RIP)/Response Complete (RC): 200909/202709
Date of BRAC- IRP completion including Long Term Management (LTM): 205201

BRAC- IRP Contamination Assessment

Contamination Assessment Overview

Seneca is a NPL site, placed there in 1989. The FFA between the USEPA, the State of New York and the Army was signed in 1993. Seneca's mission before BRAC included the responsibility to receive, store, distribute, maintain, and demilitarize conventional ammunition, explosives, and special weapons; store, maintain, and issue general supplies, including hazardous materials. The major contaminants found on the installation include chlorinated solvents, radioactive isotopes, heavy metals, and petroleum hydrocarbons. The media affected by those contaminants includes groundwater, surface water, sediment, and soil.

Previous investigations complete in 1993 identified 72 solid waste management units (SWMU). The Environmental Baseline Study completed in 1996 added two additional sites that were identified as Areas of concern (AOC). 22 operable units (OU) address the 74 AOCs. These sites are generally categorized as landfills, munitions open burning & open detonation (OB/OD) grounds, refuge burning sites, dump sites, burial pits, spills, and fire training areas. The final remedy is expected to be in place 9/2013 and is a result of funding. Long-term management (LTM) is expected to last for 30 years. Institutional controls (IC) restricting certain types of development will last indefinitely.

Cleanup Exit Strategy

Seneca is a BRAC Closure site with the mission to cleanup and dispose of the property to the local reuse authority for industrial/commercial development, green energy, conservation and recreational activities, and housing. Specific details can be found in cleanup strategies of each site. The last parcel is scheduled to be transferred in 2017.

SENECA ARMY DEPOT ACTIVITY

Installation Restoration Program

Site Descriptions

Site ID: SEAD- 004

Site Name: MUNITIONS WASHOUT FACILITY LEACH FIELD

Alias: SEAD- 004

STATUS

Parcel: LRA 2B
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals
 Media of Concern: Soil

Phases	Start	End
PA.....	197905.....	198001
SI.....	199106.....	199512
RA/FS.....	199503.....	200809
RA(C).....	200602.....	200809
LTM.....	200809.....	201503
RIP Date:	N/A	
RC Date:	200809	

SITE DESCRIPTION

SEAD- 4 is the Munitions Washout Facility located in the southwestern portion of SEDA was part of the Ammunition Workshop Facility covering roughly 30 acres of developed and undeveloped areas. Eleven buildings existed at the Ammunition Workshop Facility during the years that the Munitions Washout Building was operating. Four buildings were demolished.

A man- made lagoon approximately 150 feet in diameter was created for the purpose of containing wastewater. Within the past eight years, the pond was widened and deepened with a bulldozer. Pond sediment was pushed southwest of the pond to a 400- foot by 150- foot area adjacent to the pond. There are no known records of its full excavation beyond this dredging and it is assumed not to have a liner.

The ESI conducted at SEAD- 4 (2005) consisted of geophysics, soil sampling, test pitting, monitoring well installation, groundwater sampling, surface water and sediment sampling.

The ESI indicated that the surface and subsurface soils have been impacted by antimony, copper, chromium and zinc at concentrations significantly above their respective screening values. A baseline ecological risk assessment showed unacceptable risk to mourning dove.

Work conducted at SEAD 4 also includes SEAD- 038 Boiler Plant Blowdown Pit at Building 2079.

CLEANUP/EXIT STRATEGY

The Feasibility Study (FS) has been completed (2005) and recommended soil excavation and disposal. A performance based contract (PBC) has been procured to take this site through response complete (RC). RA(C) phase included remedial design (RD) as part of the PBC contract

LTM includes groundwater monitoring annually for five years, with five year reviews to evaluate and eliminate monitoring requirements, and prepare site close out documentation.

Site ID: SEAD- 006
 Site Name: ASH LANDFILL (SEAD- 3,6,8,14,15)
 Alias: SEAD- 006

STATUS

Parcel: LRA 1B
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals, Volatiles
 Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	198009.....	198707
SI.....	198809.....	198907
RI/FS.....	198910.....	199410
RD.....	199804.....	200609
IRA.....	199409.....	199506
RA(C).....	200109.....	200612
[REDACTED]		
LTM.....	202202.....	205201
RIP Date:	200701	
RC Date:	202201	

SITE DESCRIPTION

The Ash Landfill Operable Unit (Ash Landfill) occupies approximately 130 acres along the western boundary of SEDA. The Ash Landfill is comprised of five SWMUs including: Incinerator Cooling Water Pond (SEAD- 3), the Ash Landfill (SEAD- 6), the Non-Combustible Fill Landfill (NCFL) (SEAD- 8), the Refuse Burning Pits (SEAD- 14), and the Abandoned Solid Waste Incinerator Building (SEAD- 15). Primary contaminants are VOCs, SVOCs (mainly PAHs) and metals. The source of the VOCs was most likely the three alleged solvent dump areas located northwest of the Ash Landfill site.

Two removal actions have been performed at the Ash Landfill. The first action removed a former 1000- gallon heating oil underground storage tank (UST) and the second action, a non- time critical removal action, was conducted between August 1994 and June 1995 and consisted of excavation and thermal treatment of VOCs impacted soils using the Low Temperature Thermal Desorption process.

A ROD was signed in 2004 that included the remedial actions of excavation and off- site disposal of Debris Piles, establish and maintenance of a vegetative soil cover for the Ash Landfill and the NCFL and installation of three in- situ permeable reactive barrier walls.

This site includes SEAD- 003,008,014,015 for tracking purposes. AMS CODE= 61366R33.

CLEANUP/EXIT STRATEGY

RA(O) includes monitoring, five year reviews until groundwater cleanup standards have been met, with site close out documentation. LTM includes maintaining LUCs.

The ramp down strategy is detailed out in the LTM plan. This plan contains provisions to reduce monitoring requirements as conditions are met.

Site ID: SEAD- 011
 Site Name: OLD CONSTRUCTION DEBRIS LANDFILL
 Alias: SEAD- 011

STATUS

Parcel: LRA 3
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals, Semi- volatiles, Volatiles
 Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	198001.....	198803
SI.....	199010.....	199512
RIFS.....	199503.....	200909
IRA.....	200502.....	200809
LTM.....	200910.....	201210
RIP Date:	N/A	
RC Date:	200909	

SITE DESCRIPTION

SEAD- 11 is an abandoned landfill located in the southwestern portion of SEDA covering approximately four acres (590 feet by 300 feet). Soil analytical results showed that acetone and trichloroethene (TCE) along with SVOCs were found at concentrations above the screening criteria. The results of the groundwater sampling program at SEAD- 11 indicate that aluminum, antimony, iron, manganese, sodium, and thallium were present in individual wells at concentrations above screening criteria.

An Action Memorandum was prepared recommending a non- time critical removal action to address contaminants that have been identified in the soil that represent a potential threat to the environment and neighboring populations. The removal action was originally planned as a time critical removal action. However, since potential reuse of neighboring areas has been slower than originally anticipated, a non- time critical removal action is more appropriate. The presence of drums and other containers and the uncertainty of their contents is justification for a removal action at the site. Field work has been completed. A NFA PRAP and ROD will be processed in FY07

CLEANUP/EXIT STRATEGY

The Interim Removal Action (IRA) field work has been completed and a NFA Determination is planned for submittal.

LTM includes site close out documentation.

A PBC has been procured to take this site through RC.

Site ID: SEAD- 012
 Site Name: RADIOACTIVE BURIAL SITES (3)
 Alias: SEAD- 012

STATUS

Parcel: LRA 4
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals, Volatiles
 Media of Concern: Groundwater, Soil, Surface Water

Phases	Start	End
PA.....	197905.....	198001
SI.....	199310.....	199409
[REDACTED]		
RA(C).....	200711.....	200909
LTM.....	200910.....	201010
RIP Date:	N/A	
RC Date:	200909	

SITE DESCRIPTION

This site consists of the former special weapons storage area at the north end of the installation. Three areas within the special weapons area were used to bury classified components.

Buildings 813 and 814 were constructed in the 1950s and primarily used for painting operations. A Supplemental Remedial Investigation (SRI) was conducted based on the recommendations from the RI/FS conducted from 1995 through 1999 due to elevated TCE in groundwater adjacent to the building, and further investigation of EM- 5, miscellaneous material burial pit, was recommended to further evaluate elevated levels of Pb- 210 detected in soil samples.

A soil removal action was conducted in FY 05 at the northeast corner of Building 813 with confirmatory samples indicating no VOC concentrations above soil screening criteria. Additional soil samples collected at EM- 5 showed Pb- 210 to be within screening criteria. Results of the remedial investigation indicate no unacceptable risk to human health and the environment.

The third area, SEAD- 072 Mixed Waste Storage Building, regulated under the Interim Status Hazardous Waste Permit will be closed out and incorporated into the ROD for SEAD- 012.

COMBINED WITH SEAD- 063 FOR FUNDING, AMS CODE= 61366R32.

CLEANUP/EXIT STRATEGY

Complete the remedial investigation/feasibility study (RI/FS) process. It is anticipated that the RA will consist of the removal and disposal of classified components followed by LTM. LTM includes site close out documentation.

Site ID: SEAD- 013
 Site Name: IRFNA DISPOSAL SITE (6)
 Alias: SEAD- 013

STATUS

Parcel: NONE
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Nitrate/Nitrite
 Media of Concern: Groundwater

Phases	Start	End
PA.....	197905.....	198001
SI.....	199106.....	199512
RI/FS.....	199503.....	200708
RA(C).....	200603.....	200809
RA(O).....	200708.....	202708
RIP Date:	200809	
RC Date:	202709	

SITE DESCRIPTION

The IRFNA disposal site is located in the northeastern portion of SEDA and includes two IRFNA disposal areas, SEAD- 13- East and SEAD- 13- West, located on the eastern and western sides of the south end of the Duck Pond, respectively. SEAD- 13- East is comprised of six elongated disposal pits generally 20 to 30 feet long, oriented east to west, are marked by sparse vegetation, crushed shale and 1- inch limestone pieces at the surface. Vertical water and shower pipes are located west of the pits. This site was used by the Army to neutralize IRFNA, a liquid propellant constituent. The acid was poured into a trench filled with limestone and water and was neutralized. Process resulted in nitrogen compounds being introduced into the ground water.

An expanded ESI was conducted in 1993- 1994 followed by supplemental sampling in 2000 to 2002. Results of field investigations identified four wells at SEAD- 13- East with nitrate/nitrite- nitrogen concentrations above the NYS Ambient Water Quality Standard (AWQS) for groundwater classified as GA. A 2004 Decision Document recommended that remedial action for soil, sediment, and surface water was not required and instituting groundwater use restriction to prevent the ingestion of groundwater is required until contaminant concentrations meet NYSDEC Class GA groundwater standards and EPA maximum contaminant levels. Additional recommendations included annual groundwater program monitoring and five- year reviews.

CLEANUP/EXIT STRATEGY

Complete the RI/FS process with the submission of an IC PRAP/ROD in FY 07. RA(O) will be required for natural attenuation until groundwater standards are met. Five year reviews will evaluate the need for continued groundwater monitoring. Once standards are met site close out documentation will be prepared.

Site ID: SEAD- 024
 Site Name: ABANDONED POWDER BURNING PIT
 Alias: SEAD- 024

STATUS

Parcel: LRA 1/PID
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals
 Media of Concern: Soil

Phases	Start	End
PA.....	198902.....	199102
SI.....	199106.....	199512
RIFS.....	199903.....	200809
IRA.....	199903.....	200605
LTM.....	200809.....	200910
RIP Date:	N/A	
RC Date:	200809	

SITE DESCRIPTION

SEAD- 024 is located in the western portion of SEDA and is a closed 1.2- acre site. This site was used in the late 40s early 50s to burn black powder and propellants. Investigation shows heavy metal contamination in the soil.

This site is combined with SEAD- 050,54,and 67 tracking purposes along with SEAD- 054 and 067. AMS CODE= 61366R37. SEAD 50/54 is RC.

CLEANUP/EXIT STRATEGY

RIFS (ROD) will be completed in FY07. LTM includes site close out documentation.

Site ID: SEAD- 025
 Site Name: FIRE TRAINING AND DEMO PAD
 Alias: SEAD- 025

STATUS

Parcel: LRA 1/PID
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals, Volatiles
 Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	199002.....	199102
SI.....	199106.....	199512
RI/FS.....	199503.....	200010
RD.....	199909.....	200510
RA(C).....	200502.....	200607

RIP Date: N/A
 RC Date: 200607

SITE DESCRIPTION

The Fire Training and Demonstration Pad (SEAD 25) is located in the east- central portion of SEDA covering roughly 7.6 acres and was in use from the late 1960s to the late 1980s. During the 1980s, the pad was used twice for fire fighting demonstrations, once in 1982 or 1983 and in 1987. Results of the 1998 RI indicated the site soil had been impacted by VOCs and SVOCs due to past fire training activities. The presence of VOCs in the soil is considered to be the source of groundwater impacts that will be mitigated through the removal of the soil.

The 2003 ROD proposed to remove impacted soil and institute land use controls. This action was conducted in 2005.

The Fire Training Pit and Area (SEAD- 26) is located in the southeastern portion of SEDA and covers approximately 8.2 acres. SEAD 26 was in use from 1977 to 1994 and was used one to four times a year for fire fighting training during which time various flammable materials were floated on water, ignited, and extinguished. Prior to 1977, the fire training area may have also been used for fire demonstrations. On site soils have been impacted by elevated levels of polycyclic aromatic hydrocarbons (PAHs) and groundwater has been impacted by VOCs. As with SEAD 25, the 2003 ROD proposed to excavate impacted soil and treat groundwater entering the excavation. The remedy was designed to restore the site to unrestricted use. The remedial action which consisted of a soil removal was completed in FY 06 and GW monitoring started.

This site is combined with SEAD- 026 for tracking purposes. AMS CODE= 61366R29.

CLEANUP/EXIT STRATEGY

LTM will consist of groundwater monitoring, five year reviews, and LUCs.

The ramp down strategy is detailed in the LTM plan. This plan contains provisions to reduce monitoring requirements as conditions are met.

Site ID: SEAD- 027

Site Name: BLDG 360 STEAM CLEANING WASTE TANK

Alias: SEAD- 027

STATUS

Parcel: PID Transfer
 Regulatory Driver: CERCLA
 RRSE: LOW
 Contaminants of Concern: Metals
 Media of Concern: Soil

Phases	Start	End
PA.....	197905.....	200405
RD.....	200410.....	200507
RA(C).....	199509.....	200509

RIP Date: N/A
 RC Date: 200509

SITE DESCRIPTION

Building 360 is located in the eastern central portion of the Depot and is a building where old equipment was cleaned, refurbished and reconstructed. No solvent materials were ever used in the cleaning operation. After steam cleaning, the equipment was moved to other portions of Building 360 for rehabilitation.

SEAD- 27, the Steam Cleaning Waste Tank, is located within a high bay area of Building 360 where track mounted cars loaded with equipment requiring cleaning were positioned and steam cleaned. The track mounted cars are rolled into and out of the cleaning area via permanently installed tracks that extend through roll up doors and out of the building. Equipment requiring cleaning could also be placed directly above the tank on the floor. Condensate and wastewater flowed through the trench system and fall into the Steam Cleaning Accumulation Pit. Use of the Steam Cleaning Waste Tank (i.e., Steam Jenny Accumulation Pit) began in 1976. After cleaning operations ceased on January 2, 1990, SEDA periodically monitored the depth of water in the accumulation pit to determine if water levels in the pit were affected by varying groundwater levels. SEDA reported that there was never any evidence that groundwater was entering the Steam Cleaning Waste Tank. A closure investigation was performed under the RCRA program in July of 1995 and the determination was made that the accumulation pit in Building 360 satisfied the RCRA requirements for clean closure in 1995. ROD for the site was signed in 2006 establishing LTM requirements associated with Institutional Controls.

AMS CODE= 61366S42.

CLEANUP/EXIT STRATEGY

LTM includes maintaining LUCs and completing five year reviews.

Site ID: SEAD- 039

Site Name: BOILER PLANT BLOWDOWN PITS BUILDING 121

Alias: SEAD- 039

STATUS

Parcel: LRA 1/PID
 Regulatory Driver: CERCLA
 RRSE: MEDIUM
 Contaminants of Concern: Volatiles
 Media of Concern: Soil

Phases	Start	End
PA.....	198707.....	198707
RI/FS.....	199903.....	200709
IRA.....	199903.....	200605
LTM.....	200710.....	203709
RIP Date:	N/A	
RC Date:	200709	

SITE DESCRIPTION

Building 121 is a boiler plant located in the administrative area (i.e., halfway along the eastern border) of the SEDA. SEAD- 39 is the historic blowdown leaching area located exterior to, and immediately north of, Building 121. Use of the leaching area was terminated in 1979 or 1980 when all boiler blowdown points within the Depot were connected to the sanitary sewer. After the SEAD- 39 blowdown point was connected to the sewer, the area of the historic discharge (approximately 0.76 acres) was regarded and covered with approximately six inches of topsoil.

Based on sampling results elevated BTEX, PAH and metal concentrations were reported. This led to a 2003 Time Critical Removal Action (TCRA) where 34 tons of soil was removed.

This site includes SEAD- 040,041 for funding purposes. AMS CODE= 61366R44.

CLEANUP/EXIT STRATEGY

Complete the RI/FS in FY07. Prepare NFA PRAP and ROD. LTM includes site close out documentation and maintaining LUCs.

Site ID: SEAD- 048
 Site Name: PITCHBLEND STORAGE AREAS
 Alias: SEAD- 048

STATUS

Parcel: LRA 3A
 Regulatory Driver: CERCLA
 RRSE: LOW
 Contaminants of Concern: Radionuclides
 Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	198707.....	198709
SI.....	198808.....	199409
LTM.....	200809.....	200910
RIP Date:	N/A	
RC Date:	200809	

SITE DESCRIPTION

E0800 Row Pitchblende Ore Storage Igloos (SEAD- 48) are located in the southern area of SEDA and consists of eleven ammunition storage bunkers (igloos), Igloos E0801 through E0811. A Multi- Agency Radiation Survey and Site Investigation Manual based radiological survey was performed to investigate and evaluate this site with the goal of final site closure and unrestricted release.

During the 1940s pitchblende ore was stored in the igloos for roughly three months. Following this six of the igloos became a storage site for non- radioactive army munitions until the late 1970s. Two of the igloos were used to store licensed radioactive commodities. Expanded site investigations at SEAD- 48 in 1976, 1980, and 1985 indicated that levels of Ra- 226, U- 234, U- 235, and U- 238 in the soil potentially presented risks to human health and to the environment.

USEPA and NYSDEC approved the Army's plan to further investigate the areas identified in 1993 by NYSDOH.

Unrestricted access approval is on file from NRC, NYS and EPA. An extensive removal occurred during the decommissioning process, however, there is a concern for residuals under current standards.

Final Status Survey (FSS) has determined that no additional work is required.

CLEANUP/EXIT STRATEGY

Complete RIFS process with NFA PRAP/ROD expected in FY 07. LTM includes site closeout after ROD is signed.

Site ID: SEAD- 121
 Site Name: EBS SITES- INDUSTRIAL AREA
 Alias: SEAD- 121

STATUS

Parcel: LRA 2B
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Contaminants of Concern: Metals, Volatiles
 Media of Concern: Groundwater, Soil, Surface Water

Phases	Start	End
PA.....	199602.....	199703
SI.....	199801.....	199902
[REDACTED]		
LTM.....	200909.....	203909
RIP Date:	N/A	
RC Date:	200909	

SITE DESCRIPTION

INCLUDES 8 SITES LOCATED IN THE PROPOSED INDUSTRIAL AREA

SEAD- 121C is comprised of a triangularly shaped, fenced in, gravel lot located in the east, central portion of the Depot. Building 360 is outside the site fence whereas Building T- 355 is located in the central part of the Yard and used for storage. Interviews with Depot personnel indicate a history of rapid turnaround of material and vehicles stored in this area. A 70- foot by 20- foot concrete barrier containment area is located at the southwest corner of the site and occasionally filled with debris (e.g., scrap metal, wood debris, ordnance components, batteries, tiles, oil filters, auto parts, paint cans, tires, etc.). Concrete block and concrete barrier storage cells were also located in the northeastern portion of the site.

SEAD- 121I consists of four rectangular grassy areas. To the east and west of the four rectangular plots are two rows of buildings that are actively used for warehousing. Buildings 331 and 329 located to the west and receive frequent truck deliveries. A railroad spur line enters SEAD- 121I from the south and extends to the northern end of the SEAD where it terminates. Two sidings branch off the main spur line. Information provided by the Army indicates that the rail spur and sidings were used for delivery of equipment and machinery that was frequently packed in Cosmoline (oil). During delivery and unpacking of the equipment and machinery, oil from the packing may have been released to the ground.

The Draft Final RI was submitted for regulatory review in 2005. The analytical results at SEAD 121C suggest that there are two discrete areas with the presence of heavy metals in the soil. There is no indication of any releases of organics across the site. There is no evidence of a systemic release at SEAD- 121 I. The PAH concentrations detected in the soil at SEAD 121 I are believed to be anthropogenic since the site is located along a roadway within the industrial area of SEDA.

CLEANUP/EXIT STRATEGY

Complete the ROD for LUCs.

LTM includes site close out documentation and maintaining LUCs.

Response Complete (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
SEAD-001	BLDG 307- HAZ WASTE STORAGE FACILITY	198707	Sept 29, 2005 - Letter accepting RCRA Closure from the State
SEAD-002	BLDG 301- PCB TRANSFORMER STORAGE AREA	198707	Sept 29, 2005 - Letter accepting RCRA Closure from the State
SEAD-003	INCINERATOR COOLING WATER POND	199410	This site was closed and is currently tracked under-SEAD-006
SEAD-007	SHALE PIT	198707	NFANA ROD signed 11/12/03
SEAD-008	NONCOMBUST FILL AREA, PART OF SEAD-006	199410	NFANA ROD signed 11/12/03
SEAD-010	PRESENT SCRAP WOOD PILE	198001	NFANA ROD signed 11/12/03
SEAD-014	REFUSE BURNING PITS	199410	This site was closed and is currently tracked under-SEAD-006
SEAD-015	ABANDONED SOLID WASTE INCINERATOR	199410	This site was closed and is currently tracked under-SEAD-006
SEAD-018	CLASSIFIED DOCUMENT INCINERATOR (709)	199102	NFANA ROD signed 11/12/03
SEAD-019	CLASSIFIED DOCUMENT INCINERATOR (801)	199102	NFANA ROD signed 11/12/03
SEAD-020	STP NO 4	198707	NFANA ROD signed 11/12/03
SEAD-021	STP NO 715	198707	NFANA ROD signed 11/12/03
SEAD-022	STPS NO 314, 715, 4 (SEAD-20,-22)	198001	NFANA ROD signed 11/12/03
SEAD-026	FIRE TRAINING PIT	200010	This site was closed and is currently tracked under-SEAD-025
SEAD-028	UST BLDG A,B POL (BLDG 360)	198707	NFANA ROD signed 11/12/03
SEAD-029	UST BLDG 732 POL	199210	NFANA ROD signed 11/12/03
SEAD-030	UST BUILDING 118 POL	199309	NFANA ROD signed 11/12/03
SEAD-031	UST BUILDING 117 POL	198707	NFANA ROD signed 11/12/03
SEAD-032	UST BUILDING 718 A,B POL	198707	NFANA ROD signed 11/12/03
SEAD-033	UST BUILDING 121 POL	198707	NFANA ROD signed 11/12/03
SEAD-034	UST BUILDING 319 A,B POL	198707	NFANA ROD signed 11/12/03
SEAD-035	WASTE OIL BOILER, BUILDING 718	198707	NFANA ROD signed 11/12/03
SEAD-036	WASTE OIL BOILER, BUILDING 121	198707	NFANA ROD signed 11/12/03
SEAD-037	WASTE OIL BOILER, BUILDING 319	198707	NFANA ROD signed 11/12/03
SEAD-038	BOILER PLANT BLOWDOWN PITS BUILDING 2079	200603	This site was closed and is currently tracked under-

Response Complete (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
			SEAD- 004
SEAD- 040	BOILER PLANT BLOWDOWN PITS BUILDING 319	198707	This site was closed and is currently tracked under- SEAD- 039
SEAD- 041	BOILER PLANT BLOWDOWN PITS BUILDING 718	198707	NFANA ROD signed 11/12/03
SEAD- 042	OLD PREVENTATIVE MEDICINE LABORATORY	199308	NFANA ROD signed 11/12/03
SEAD- 043	BLDG 606 MISSILE PROP. TEST LAB.	199409	NFANA ROD signed 11/12/03
SEAD- 047	RAD CALIBRATION SOURCE STOR BLG- 321,806	199307	NFANA ROD signed 11/12/03
SEAD- 049	COLUMBITE ORE STORAGE BLDG 356	198707	NFANA ROD signed 11/12/03
SEAD- 050	TANK FARM	200509	ROD completed - Sept 28, 2005
SEAD- 051	PERIMETER OF HIGH SECURITY AREA	198001	NFANA ROD signed 11/12/03
SEAD- 052	AMMUNITION BREAKDOWN AREA	199409	ROD is pending, expect signature in Sept 2007
SEAD- 053	MUNITIONS STORAGE IGLOOS	198001	NFANA ROD signed 11/12/03
SEAD- 054	ASBESTOS STORAGE	198707	ROD completed - Sept 28, 2005
SEAD- 055	BUILDING 357- TANNIN STORAGE	198707	NFANA ROD signed 11/12/03
SEAD- 056	HERBICIDE AND PESTICIDE STORAGE	198707	ROD is pending, expect signature in Sept 2007
SEAD- 058	DEBRIS AREA NEAR BOOSTER STATION 2131	199512	ROD completed - Sept 28, 2006
SEAD- 061	UST WASTE OIL TANK BLDG 718	199401	NFANA ROD signed 11/12/03
SEAD- 062	NICOTINE SULFATE DISPOSAL AREA	199409	ROD is pending, expect signature in Sept 2007
SEAD- 063	MISCELLANEOUS COMPONENTS BURIAL SITE	200604	ROD completed - Sept 28, 2006
SEAD- 065	ACID STORAGE AREA	199307	NFANA ROD signed 11/12/03
SEAD- 066	PESTICIDE STORAGE AREA	200405	This site was closed and is currently tracked under- SEAD- 027
SEAD- 067	DUMP SITE EAST OF STP #4	200707	ROD is pending, expect signature in Sept 2007
SEAD- 068	PEST CONTROL SHOP	199307	NFANA ROD signed 11/12/03
SEAD- 069	BLDG 606 DISPOSAL AREA	199409	ROD is pending, expect signature in Sept 2007
SEAD- 070	BLDG 2110 FILL AREA	199409	NFANA ROD signed 11/12/03
SEAD- 071	PAINT DISPOSAL AREA	200102	This site was closed and is currently tracked under- SEAD- 059
SEAD- 072	BUILDING 803- MIXED WASTE STORAGE	199307	This site was closed and is currently tracked under- SEAD- 012

BRAC- IRP Schedule

Date of BRAC- IRP Inception: 197901

Past Phase Completion Milestones

1980

PA (SEAD- 004 - MUNITIONS WASHOUT FACILITY LEACH FIELD, SEAD- 008 - NONCOMBUST FILL AREA, PART OF SEAD- 006, SEAD- 009 - MULT NFA SITES (OLD SCRAP WD PILE) , SEAD- 010 - PRESENT SCRAP WOOD PILE, SEAD- 012 - RADIOACTIVE BURIAL SITES (3), SEAD- 013 - IRFNA DISPOSAL SITE (6), SEAD- 022 - STPS NO 314, 715, 4 (SEAD- 20,- 22), SEAD- 051 - PERIMETER OF HIGH SECURITY AREA, SEAD- 053 - MUNITIONS STORAGE IGLOOS)

1987

PA (SEAD- 001 - BLDG 307- HAZ WASTE STORAGE FACILITY, SEAD- 002 - BLDG 301- PCB TRANSFORMER STORAGE AREA, SEAD- 003 - INCINERATOR COOLING WATER POND, SEAD- 006 - ASH LANDFILL (SEAD- 3,6,8,14,15), SEAD- 007 - SHALE PIT, SEAD- 014 - REFUSE BURNING PITS, SEAD- 015 - ABANDONED SOLID WASTE INCINERATOR, SEAD- 020 - STP NO 4, SEAD- 021 - STP NO 715, SEAD- 028 - UST BLDG A,B POL (BLDG 360), SEAD- 029 - UST BLDG 732 POL, SEAD- 030 - UST BUILDING 118 POL, SEAD- 031 - UST BUILDING 117 POL, SEAD- 032 - UST BUILDING 718 A,B POL, SEAD- 033 - UST BUILDING 121 POL, SEAD- 034 - UST BUILDING 319 A,B POL, SEAD- 035 - WASTE OIL BOILER, BUILDING 718, SEAD- 036 - WASTE OIL BOILER, BUILDING 121, SEAD- 037 - WASTE OIL BOILER, BUILDING 319, SEAD- 038 - BOILER PLANT BLOWDOWN PITS BUILDING 2079, SEAD- 039 - BOILER PLANT BLOWDOWN PITS BUILDING 121, SEAD- 040 - BOILER PLANT BLOWDOWN PITS BUILDING 319, SEAD- 041 - BOILER PLANT BLOWDOWN PITS BUILDING 718, SEAD- 048 - PITCHBLEND STORAGE AREAS, SEAD- 049 - COLUMBITE ORE STORAGE BLDG 356, SEAD- 052 - AMMUNITION BREAKDOWN AREA, SEAD- 054 - ASBESTOS STORAGE, SEAD- 055 - BUILDING 357- TANNIN STORAGE, SEAD- 056 - HERBICIDE AND PESTICIDE STORAGE)

1988

PA (SEAD- 011 - OLD CONSTRUCTION DEBRIS LANDFILL)

1989

SI (SEAD- 003 - INCINERATOR COOLING WATER POND, SEAD- 006 - ASH LANDFILL (SEAD- 3,6,8,14,15), SEAD- 008 - NONCOMBUST FILL AREA, PART OF SEAD- 006, SEAD- 014 - REFUSE BURNING PITS, SEAD- 015 - ABANDONED SOLID WASTE INCINERATOR)

1991

PA (SEAD- 018 - CLASSIFIED DOCUMENT INCINERATOR (709), SEAD- 019 - CLASSIFIED DOCUMENT INCINERATOR (801), SEAD- 024 - ABANDONED POWDER BURNING PIT, SEAD- 025 - FIRE TRAINING AND DEMO PAD, SEAD- 026 - FIRE TRAINING PIT)

1993

RA(C) (SEAD- 030 - UST BUILDING 118 POL)

PA

(SEAD- 64A - GARBAGE DISPOSAL AREA A, SEAD- 64B - GARBAGE DISPOSAL AREA B, SEAD- 64C - GARBAGE DISPOSAL AREA C, SEAD- 64D - GARBAGE DISPOSAL AREA D, SEAD- 005 - SEWAGE SLUDGE WASTE PILES, SEAD- 042 - OLD PREVENTATIVE MEDICINE LABORATORY, SEAD- 043 - BLDG 606 MISSILE PROP. TEST LAB., SEAD- 047 - RAD CALIBRATION SOURCE STOR BLG- 321,806, SEAD- 050 - TANK FARM, SEAD- 058 - DEBRIS AREA NEAR BOOSTER STATION 2131, SEAD- 059 - FILL AREA WEST 135, SEAD- 062 - NICOTINE SULFATE DISPOSAL AREA, SEAD- 063 - MISCELLANEOUS COMPONENTS BURIAL SITE, SEAD- 065 - ACID STORAGE AREA, SEAD- 066 - PESTICIDE STORAGE AREA, SEAD- 067 - DUMP SITE EAST OF STP #4, SEAD- 068 - PEST CONTROL SHOP, SEAD- 069 - BLDG 606 DISPOSAL AREA, SEAD- 070 - BLDG 2110 FILL AREA, SEAD- 071 - PAINT DISPOSAL AREA, SEAD- 072 - BUILDING 803- MIXED WASTE STORAGE)

1994

PA (SEAD- 061 - UST WASTE OIL TANK BLDG 718)

BRAC-IRP Schedule

1994	
SI	(SEAD- 64A - GARBAGE DISPOSAL AREA A, SEAD- 64B - GARBAGE DISPOSAL AREA B, SEAD- 64C - GARBAGE DISPOSAL AREA C, SEAD- 64D - GARBAGE DISPOSAL AREA D, SEAD- 005 - SEWAGE SLUDGE WASTE PILES, SEAD- 009 - MULT NFA SITES (OLD SCRAP WD PILE) , SEAD- 012 - RADIOACTIVE BURIAL SITES (3), SEAD- 043 - BLDG 606 MISSILE PROP. TEST LAB., SEAD- 048 - PITCHBLEND STORAGE AREAS, SEAD- 050 - TANK FARM, SEAD- 052 - AMMUNITION BREAKDOWN AREA, SEAD- 059 - FILL AREA WEST 135, SEAD- 062 - NICOTINE SULFATE DISPOSAL AREA, SEAD- 063 - MISCELLANEOUS COMPONENTS BURIAL SITE, SEAD- 067 - DUMP SITE EAST OF STP #4, SEAD- 069 - BLDG 606 DISPOSAL AREA, SEAD- 070 - BLDG 2110 FILL AREA, SEAD- 071 - PAINT DISPOSAL AREA)
1995	
IRA	(SEAD- 006 - ASH LANDFILL (SEAD- 3,6,8,14,15))
RI/FS	(SEAD- 003 - INCINERATOR COOLING WATER POND, SEAD- 006 - ASH LANDFILL (SEAD- 3,6,8,14,15), SEAD- 008 - NONCOMBUST FILL AREA, PART OF SEAD- 006, SEAD- 014 - REFUSE BURNING PITS, SEAD- 015 - ABANDONED SOLID WASTE INCINERATOR)
1996	
SI	(SEAD- 004 - MUNITIONS WASHOUT FACILITY LEACH FIELD, SEAD- 011 - OLD CONSTRUCTION DEBRIS LANDFILL, SEAD- 013 - IRFNA DISPOSAL SITE (6), SEAD- 024 - ABANDONED POWDER BURNING PIT, SEAD- 025 - FIRE TRAINING AND DEMO PAD, SEAD- 026 - FIRE TRAINING PIT, SEAD- 058 - DEBRIS AREA NEAR BOOSTER STATION 2131)
1997	
PA	(SEAD- 120 - EBS SITES- CONSERVATION AREA, SEAD- 121 - EBS SITES- INDUSTRIAL AREA, SEAD- 122 - EBS SITES- AIRFIELD AREA, SEAD- 123 - EBS SITES- INSTITUTIONAL AREA, SEAD- 119 - EBS SITES- HOUSING AREA)
1999	
SI	(SEAD- 120 - EBS SITES- CONSERVATION AREA, SEAD- 121 - EBS SITES- INDUSTRIAL AREA, SEAD- 123 - EBS SITES- INSTITUTIONAL AREA)
2001	
RI/FS	(SEAD- 025 - FIRE TRAINING AND DEMO PAD, SEAD- 026 - FIRE TRAINING PIT, SEAD- 071 - PAINT DISPOSAL AREA)
2003	
IRA	(SEAD- 059 - FILL AREA WEST 135)
SI	(SEAD- 119 - EBS SITES- HOUSING AREA)
2004	
PA	(SEAD- 027 - BLDG 360 STEAM CLEANING WASTE TANK)
RI/FS	(SEAD- 64A - GARBAGE DISPOSAL AREA A)
SI	(SEAD- 066 - PESTICIDE STORAGE AREA)
2005	
IRA	(SEAD- 050 - TANK FARM)
RI/FS	(SEAD- 050 - TANK FARM)
RD	(SEAD- 027 - BLDG 360 STEAM CLEANING WASTE TANK)
RA(C)	(SEAD- 027 - BLDG 360 STEAM CLEANING WASTE TANK)
2006	
RI/FS	(SEAD- 038 - BOILER PLANT BLOWDOWN PITS BUILDING 2079, SEAD- 063 - MISCELLANEOUS COMPONENTS BURIAL SITE)
RD	(SEAD- 006 - ASH LANDFILL (SEAD- 3,6,8,14,15), SEAD- 025 - FIRE TRAINING AND DEMO PAD)
RA(C)	(SEAD- 025 - FIRE TRAINING AND DEMO PAD)

BRAC- IRP Schedule

2006

IRA (SEAD- 005 - SEWAGE SLUDGE WASTE PILES, SEAD- 024 - ABANDONED POWDER BURNING PIT, SEAD- 039 - BOILER PLANT BLOWDOWN PITS BUILDING 121, SEAD- 063 - MISCELLANEOUS COMPONENTS BURIAL SITE, SEAD- 067 - DUMP SITE EAST OF STP #4)

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
SEAD- 001	BLDG 307- HAZ WASTE STORAGE FACILITY	Rad site, SEAD- 48	20080501
SEAD- 002	BLDG 301- PCB TRANSFORMER STORAGE AREA	Rad site, SEAD- 48	20080501
SEAD- 004	MUNITIONS WASHOUT FACILITY LEACH FIELD	Munitions Washout Facility ROD	20080915
SEAD- 005	SEWAGE SLUDGE WASTE PILES	Rad site, SEAD- 48	20080501
SEAD- 011	OLD CONSTRUCTION DEBRIS LANDFILL	SEAD 11 Old Construction Debris LF	20090930
SEAD- 012	RADIOACTIVE BURIAL SITES (3)	SEAD 12 RAD site ROD	20090430
SEAD- 024	ABANDONED POWDER BURNING PIT	Rad site, SEAD- 48	20080501
SEAD- 038	BOILER PLANT BLOWDOWN PITS BUILDING 2079	Munitions Washout Facility ROD	20080915
SEAD- 048	PITCHBLEND STORAGE AREAS	Rad site, SEAD- 48	20080501
SEAD- 059	FILL AREA WEST 135	Paint Disposal Areas ROD	20080930
SEAD- 071	PAINT DISPOSAL AREA	Paint Disposal Areas ROD	20080930
SEAD- 121	EBS SITES- INDUSTRIAL AREA	EBS Industrial Area	20080930

Final RA(C) Completion Date: 200909

NPL Deletion Date: N/A

Schedule for Next Five- Year Review: 2010

Estimated Completion Date of BRAC- IRP at Installation (including LTM phase): 205201

SENECA ARMY DEPOT ACTIVITY BRAC- IRP Schedule

█ = phase underway

SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13+
SEAD- 004	MUNITIONS WASHOUT FACILITY LEACH FIELD	PA						
		SI						
		RIFS	█					
		RA(C)						
		LTM		█	█	█	█	█
SEAD- 005	SEWAGE SLUDGE WASTE PILES	PA						
		SI						
		RIFS	█					
		IRA						
		LTM		█	█	█	█	█
SEAD- 006	ASH LANDFILL (SEAD- 3,6,8,14,15)	PA						
		SI						
		RIFS						
		RD						
		IRA						
		RA(C)						
		RA(O)		█	█	█	█	█
		LTM						
SEAD- 009	MULT NFA SITES (OLD SCRAP WD PILE)	PA						
		SI						
		RIFS						
		LTM		█	█	█	█	█
SEAD- 011	OLD CONSTRUCTION DEBRIS LANDFILL	PA						
		SI						
		RIFS	█	█				
		IRA	█					
		LTM			█	█	█	█
SEAD- 012	RADIOACTIVE BURIAL SITES (3)	PA						
		SI						
		RIFS	█	█				
		RA(C)	█	█				
		LTM			█	█		

BRAC- IRP Costs

Total Funding through FY2004: \$79,972.0 K

Prior Funding

FY	Phase	Site ID	Obligations	FY Total	
2005	IRA	SEAD- 011	\$6,615.0 K	\$7,919.0 K	
		SEAD- 006	\$30.0 K		
	RA(C)	SEAD- 025	\$1,135.0 K		
		RI	SEAD- 005		\$15.0 K
			SEAD- 009		\$41.0 K
		SEAD- 012	\$46.0 K		
		SEAD- 013	\$37.0 K		
		SEAD- 121	\$300.0 K		\$810.0 K
2006	IRA	SEAD- 121	\$300.0 K	\$810.0 K	
	RI	SEAD- 012	\$510.0 K		

TOTAL PRIOR FUNDING: \$88,701.0 K

Current Requirements

FY	Phase	Site ID	Requirements	FY Total
2007	LTM	SEAD- 023	\$72.0 K	\$614.8 K
		SEAD- 025	\$89.0 K	
	RA(C)	SEAD- 004	\$27.8 K	
		SEAD- 006	\$102.5 K	
		SEAD- 013	\$95.0 K	
		RI	SEAD- 005	
	SEAD- 009		\$72.7 K	
	SEAD- 024		\$35.4 K	
	SEAD- 039		\$13.9 K	
	SEAD- 121	\$50.0 K		

TOTAL CURRENT REQUIREMENTS \$614.8 K

TOTAL FUTURE REQUIREMENTS: \$12,725.0 K

TOTAL PROGRAM COST: \$102,040.8 K

Required Cost- to- Complete

SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Out Yrs	Site Total	Description of Work
SEAD- 004	MUNITIONS WASHOUT FACILITY LEACH FIELD	LTM								57	57	Site Close Out Documentation; Professional Labor Management
SEAD- 005	SEWAGE SLUDGE WASTE PILES	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close Out Documentation
SEAD- 006	ASH LANDFILL (SEAD- 3,6,8,14,15)	RA(O)	187	187	187	187	212	187	187	1609	2943	Monitoring, System Water- VOCs; Five Year Review; Site Close Out Documentation
		LTM								274	274	LUC - Transferring Government Installation
SEAD- 009	MULT NFA SITES (OLD SCRAP WD PILE)	LTM	9	9	9	9	9	9	9	282	345	LUC - Transferring Government Installation; Site Close Out Documentation
SEAD- 011	OLD CONSTRUCTION DEBRIS LANDFILL	LTM					62				62	Site Close Out Documentation
SEAD- 012	RADIOACTIVE BURIAL SITES (3)	RA(C)	4064								4064	Remedial Design; Off-site Transportation and Landfill Disposal, Non- hazardous Solids without Stabilization
		LTM		64							64	Site Close Out Documentation
SEAD- 013	IRFNA DISPOSAL SITE (6)	RA(O)	95	95	95	95	119	95	95	1349	2038	LUC - Transferring Government Installation; Five Year Review; Monitoring, System Water- Acids/Caustics; Site Close Out Documentation
SEAD- 024	ABANDONED POWDER BURNING PIT	LTM	46								46	Site Close Out Documentation
SEAD- 025	FIRE TRAINING AND DEMO PAD	LTM	68	68	68	94	68	68	68	758	1260	LUC - Transferring Government Installation; Groundwater Monitoring Well, Consolidated; Five Year Review; Site Close Out Documentation
SEAD- 027	BLDG 360 STEAM CLEANING WASTE TANK	LTM	9	9	9	9	9	36	9	344	434	LUC - Transferring Government Installation; Five Year Review
SEAD- 039	BOILER PLANT BLOWDOWN PITS BUILDING 121	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close Out Documentation

Programmed Cost- to- Complete

SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Out Yrs	Site Total	Description of Work
SEAD- 004	MUNITIONS WASHOUT FACILITY LEACH FIELD	LTM	0	0	0	0	0	0	0	57	57	Site Close Out Documentation; Professional Labor Management
SEAD- 005	SEWAGE SLUDGE WASTE PILES	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close Out Documentation
SEAD- 006	ASH LANDFILL (SEAD- 3,6,8,14,15)	RA(O)	187	187	187	187	212	187	187	1609	2943	Monitoring, System Water- VOCs; Five Year Review; Site Close Out Documentation
		LTM	0	0	0	0	0	0	0	274	274	LUC - Transferring Government Installation
SEAD- 009	MULT NFA SITES (OLD SCRAP WD PILE)	LTM	9	9	9	9	9	9	9	282	345	LUC - Transferring Government Installation; Site Close Out Documentation
SEAD- 011	OLD CONSTRUCTION DEBRIS LANDFILL	LTM	0	0	0	0	62	0	0	0	62	Site Close Out Documentation
SEAD- 012	RADIOACTIVE BURIAL SITES (3)	RA(C)	2000	2064	0	0	0	0	0	0	4064	Remedial Design; Off-site Transportation and Landfill Disposal, Non- hazardous Solids without Stabilization
		LTM	0	0	64	0	0	0	0	0	64	Site Close Out Documentation
SEAD- 013	IRFNA DISPOSAL SITE (6)	RA(O)	95	95	95	95	119	95	95	1349	2038	LUC - Transferring Government Installation; Five Year Review; Monitoring, System Water- Acids/Caustics; Site Close Out Documentation
SEAD- 024	ABANDONED POWDER BURNING PIT	LTM	46	0	0	0	0	0	0	0	46	Site Close Out Documentation
SEAD- 025	FIRE TRAINING AND DEMO PAD	LTM	68	68	68	94	68	68	68	758	1260	LUC - Transferring Government Installation; Groundwater Monitoring Well, Consolidated; Five Year Review; Site Close Out Documentation
SEAD- 027	BLDG 360 STEAM CLEANING WASTE TANK	LTM	9	9	9	9	9	36	9	344	434	LUC - Transferring Government Installation; Five Year Review
SEAD- 039	BOILER PLANT BLOWDOWN PITS BUILDING 121	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close Out Documentation

Programmed Cost- to- Complete

SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Out Yrs	Site Total	Description of Work
SEAD- 048	PITCHBLEND STORAGE AREAS	LTM	46	0	0	0	0	0	0	0	46	Site Close Out Documentation
SEAD- 059	FILL AREA WEST 135	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close Out Documentation
SEAD- 121	EBS SITES- INDUSTRIAL AREA	LTM	0	0	0	0	3	3	3	123	132	Site Close Out Documentation; Five Year Review; LUC - Former Government Site
Totals			2487	2459	459	421	509	425	398	5567	12725	

BRAC- MMRP Summary

Installation Total Army Environmental Database- Restoration (AEDB- R) Sites/Response Complet (RC) Sites: 18/13

Installation Site Types with Future and/or Underway Phases

- 2 Explosive Ordnance Disposal Area
(SEAD- 002- R- 01, SEAD- 023)
- 2 Firing Range
(SEAD- 003- R- 01, SEAD- 007- R- 01)
- 1 Incinerator
(SEAD- 001- R- 01)
- 1 Open Burn
(SEAD- 006- R- 01)

Most Widespread Contaminants of Concern

Metals, Munitions and explosives of concern, Munitions constituents, Semi- volatiles

Media of Concern

Groundwater, Soil

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

Site ID	Site Name	Action	Remedy	FY	Cost
SEAD- 023	OB GROUNDS	FRA	REMOVAL	2003	TBD
SEAD- 118	INSTALLATION UXO SITE	FRA	OTHER	2003	TBD

Total BRAC- MMRP Funding

Prior Funding: \$11,119.0 K
 Current Requirements: \$60.4 K
 Future Requirements: \$22,517.0 K

Duration of BRAC- MMRP

Date of BRAC- MMRP Inception: 197905
 Estimated Date for Remedy- In- Place (RIP)/Response Complete (RC): 201701/201701
 Date of BRAC- MMRP completion including Long Term Management (LTM): 204611

BRAC- MMRP Contamination Assessment

Contamination Assessment Overview

Seneca is a NPL site, placed there in 1989. The FFA between the USEPA, the State of New York and the Army was signed in 1993. Seneca's mission before BRAC included the responsibility to receive, store, distribute, maintain, and demilitarize conventional ammunition, explosives, and special weapons; store, maintain, and issue general supplies, including hazardous materials. The major contaminants found on the installation include chlorinated solvents, radioactive isotopes, heavy metals, and petroleum hydrocarbons. The media affected by those contaminants includes groundwater, surface water, sediment, and soil.

Previous investigations complete in 1993 identified 72 SWMUs. The Environmental Baseline Study completed in 1996 added two additional sites that were identified as Areas of concern. 22 operable units address the 74 Areas of Concern. These sites are generally categorized as landfills, munitions open burning and open detonation grounds, refuge burning sites, dump sites, burial pits, spills, and fire training areas. The final remedy is expected to be in place 9/2013 and is a result of funding. LTM is expected to last for 30 years. Institutional controls restricting certain types of development will last forever.

Cleanup Exit Strategy

Seneca is a BRAC Closure site with the mission to cleanup and dispose of the property to the local reuse authority for industrial/commercial development, green energy, conservation and recreational activities, and housing. Specific details can be found in cleanup strategies of each site. The last parcel is scheduled to be transferred in 2017.

SENECA ARMY DEPOT ACTIVITY

Military Munitions Response Program

Site Descriptions

Site ID: SEAD- 002- R- 01
 Site Name: EAST EOD RANGES
 Alias: SEAD- 118

STATUS

Parcel: LRA 3B
 Regulatory Driver: CERCLA
 MRSPP Score: Evaluation pending
 Contaminants of Concern: Munitions and explosives of concern
 Media of Concern: Soil

Phases	Start	End
PA.....	200011.....	200306
RIFS.....	200110.....	200809
IRA.....	200502.....	200809
LTM.....	200809.....	203805
RIP Date:	N/A	
RC Date:	200809	

SITE DESCRIPTION

The East EOD Ranges include EOD Range 2 and EOD Range 3. EOD Range 2 covers 5 acres and is located along the northeastern portion of SEDA within Local Training Area (LTA)- 2.

MEC has been found at both sites as a result of record search and site investigations. The RI recommended performing removal actions at the two locations and restricting the land use to surface activity.

Alias: SEAD- 118

CLEANUP/EXIT STRATEGY

A contract has been procured to take this site through RC.

LTM includes munitions and explosives of concern (MEC) monitoring.

Site ID: SEAD- 003- R- 01
 Site Name: EOD RANGE 1
 Alias: SEAD- 046

STATUS

Parcel: LRA 5
 Regulatory Driver: CERCLA
 MRSPP Score: Evaluation pending
 Contaminants of Concern: Metals, Munitions and explosives of concern, Munitions constituents
 Media of Concern: Soil

Phases	Start	End
PA.....	200111.....	200206
RD.....	201103.....	201108
RA(C).....	201209.....	201212
LTM.....	201409.....	204408
RIP Date:	N/A	
RC Date:	201212	

SITE DESCRIPTION

This range is comprised of three separate areas: EOD Area 1 (SEAD- 057), Demolition Range and the Function Test Range. EOD Area 1 occupies 194 acres at the northwest corner of SEDA and was used from 1941 till 1995. The Demolition Range is also located in the northwest portion of SEDA and covers 40 acres. A 2001 Engineering EECA revealed scrap but no UXO. The Bazooka Range is located within the Local Training Area 2 (LTA- 2) on the eastern side of SEDA) was used as a small arms range from 1941 till 1963.

Alias: SEAD- 046.

CLEANUP/EXIT STRATEGY

Field investigation has been completed and a completion report is being prepared, followed by a ROD with LUCs for MEC. A contract has been procured to take site through RC.

A soil excavation followed by off- site disposal may be required. LTM includes MEC ICs.

Site ID: SEAD- 006- R- 01

Site Name: OPEN BURN/OPEN DETONATION GROUNDS

Alias: SEAD- 115

STATUS

Parcel: LRA 4A
 Regulatory Driver: CERCLA
 MRSPP Score: Evaluation pending
 Contaminants of Concern: Metals, Munitions and explosives of concern
 Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200111.....	200206
IRA.....	201209.....	201611
LTM.....	201702.....	204611
RIP Date:	N/A	
RC Date:	201701	

SITE DESCRIPTION

This site is where the Army performed destruction of ammunition by detonation and open burning. The site covers 364 acres and was in operation from 1948 through 1998. The Open Burn (OB) ground consists of eight U-shaped earthen berms. The Open Detonation (OD) grounds are to the north of the OB grounds.

The investigation of this site revealed contamination consisting of OE and heavy metals. This is an RCRA interim permitted site.

This site also encompasses SEAD- 023, Open Burning Grounds, CERCLA remediation which was completed in 2003.

Alias: SEAD- 115

CLEANUP/EXIT STRATEGY

Perform interim MEC removal and address any soil contamination. The removal action will be followed by an IC PRAP/ROD. LTM includes groundwater monitoring (RCRA required), LUCs, five year reviews and site close out documentation.

Site ID: SEAD- 007- R- 01
Site Name: RIFLE GRENADE RANGE
Alias: SEAD- 118

STATUS

Parcel: LRA 5

Regulatory Driver: CERCLA

MRSPP Score: Evaluation pending

Contaminants of Concern: Metals, Munitions and explosives of concern

Media of Concern: Soil

Phases	Start	End
PA.....	200211.....	200306
RI/FS.....	200410.....	200809
IRA.....	200602.....	200809
LTM.....	200809.....	203809

RIP Date: N/A

RC Date: 200809

SITE DESCRIPTION

The site was a 49- acre training range where 40 mm training grenades and 37 mm LAW sub- caliber training rounds were fired. This site represents an area where MEC was found as a result of record search and site investigations.

This site was formerly referred to as SEAD- 118.

CLEANUP/EXIT STRATEGY

A removal contract has been procured to take site through RC. Field work has been completed and a completion report is being prepared. A LUC ROD is anticipated. LTM includes MEC monitoring and LUCs.

Site ID: SEAD- 023
Site Name: OB GROUNDS
Alias: SEAD- 023

STATUS

Parcel: NONE

Regulatory Driver: CERCLA

MRSPP Score: No longer required

Contaminants of Concern: Metals, Munitions and explosives of concern

Media of Concern: Groundwater

Phases	Start	End
PA.....	197905.....	198001
SI.....	198001.....	198802
RI/FS.....	199005.....	199410
RD.....	199801.....	200001
RA(C).....	199810.....	200304

RIP Date: N/A

RC Date: 200304

SITE DESCRIPTION

This site is part of SEAD- 006- R- 01.

This site is where the Army performed destruction of ammunition by detonation and open burning. The site covers 364 acres and was in operation from 1948 through 1998. The Open Burn (OB) ground consists of eight U-shaped earthen berms. The Open Detonation (OD) grounds are to the north of the OB grounds.

This site also encompasses SEAD- 023, Open Burning Grounds, CERCLA remediation which was completed in 2003.

CLEANUP/EXIT STRATEGY

Groundwater monitoring (RCRA required) and five year reviews will be conducted followed by site close out documentation and maintaining LUCs.

Response Complete (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
SEAD-004-R-01	LTA RANGES	200306	CTT Range Inventory document - 2005
SEAD-005-R-01	LTA- 1 XD	200306	CTT Range Inventory document - 2005
SEAD-008-R-01	SAMPSON RIFLE RANGE	200306	CTT Range Inventory document - 2005
SEAD-009-R-01	SAMPSON RIFLE RANGE XD	200306	CTT Range Inventory document - 2005
SEAD-016	ABANDONED DEACTIVATION FURNACE	200304	Tracked under SEAD-001-R-01
SEAD-017	BLDG 367 PRESENT DEACTIVATION FURNACE	200109	Tracked under SEAD-001-R-01
SEAD-044	QA TEST LAB	199409	Munitions Response Completion Report - 2004
SEAD-045	DEMOLITION AREA	200103	Tracked under SEAD-006-R-01
SEAD-046	SMALL ARMS RANGE	200304	Tracked under SEAD-003-R-01
SEAD-057	EXPLOSIVE ORDNANCE RANGE	200103	Tracked under SEAD-003-R-01
SEAD-115	COMP- RCRA CLOSURE OF OB/OD GROUNDS	200304	Tracked under SEAD-006-R-01
SEAD-118	INSTALLATION UXO SITE	200304	Tracked under SEAD-007-R-01

BRAC- MMRP Schedule

Date of BRAC- MMRP Inception: 197905

Past Phase Completion Milestones

1980

PA (SEAD- 016 - ABANDONED DEACTIVATION FURNACE, SEAD- 023 - OB GROUNDS, SEAD- 057 - EXPLOSIVE ORDNANCE RANGE)

1987

PA (SEAD- 115 - COMP- RCRA CLOSURE OF OBOD GROUNDS, SEAD- 118 - INSTALLATION UXO SITE)

1988

SI (SEAD- 023 - OB GROUNDS)

1989

PA (SEAD- 045 - DEMOLITION AREA)

1991

PA (SEAD- 017 - BLDG 367 PRESENT DEACTIVATION FURNACE)

1993

PA (SEAD- 044 - QA TEST LAB, SEAD- 046 - SMALL ARMS RANGE)

1994

SI (SEAD- 044 - QA TEST LAB, SEAD- 045 - DEMOLITION AREA, SEAD- 057 - EXPLOSIVE ORDNANCE RANGE)

1995

RI/FS (SEAD- 023 - OB GROUNDS)

1996

SI (SEAD- 016 - ABANDONED DEACTIVATION FURNACE, SEAD- 017 - BLDG 367 PRESENT DEACTIVATION FURNACE)

1997

RI/FS (SEAD- 115 - COMP- RCRA CLOSURE OF OBOD GROUNDS)

1999

RI/FS (SEAD- 118 - INSTALLATION UXO SITE)

2000

PA (SEAD- 001- R- 01 - DEACTIVATION FURNACES)

RD

(SEAD- 023 - OB GROUNDS)

2001

RI/FS (SEAD- 016 - ABANDONED DEACTIVATION FURNACE, SEAD- 017 - BLDG 367 PRESENT DEACTIVATION FURNACE, SEAD- 045 - DEMOLITION AREA, SEAD- 046 - SMALL ARMS RANGE, SEAD- 057 - EXPLOSIVE ORDNANCE RANGE)

2002

PA (SEAD- 006- R- 01 - OPEN BURN/OPEN DETONATION GROUNDS, SEAD- 003- R- 01 - EOD RANGE 1)

2003

RA(C) (SEAD- 023 - OB GROUNDS, SEAD- 118 - INSTALLATION UXO SITE)

PA

(SEAD- 008- R- 01 - SAMPSON RIFLE RANGE, SEAD- 009- R- 01 - SAMPSON RIFLE RANGE XD, SEAD- 002- R- 01 - EAST EOD RANGES, SEAD- 007- R- 01 - RIFLE GRENADE RANGE, SEAD- 005- R- 01 - LTA- 1 XD, SEAD- 004- R- 01 - LTA RANGES)

2006

RI/FS (SEAD- 001- R- 01 - DEACTIVATION FURNACES)

BRAC- MMRP Schedule

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
SEAD- 002- R- 01	EAST EOD RANGES	Munition Destruction Areas	20110930
SEAD- 002- R- 01	EAST EOD RANGES	SEAD- 002- R- 01 and SEAD- 007- R- 01	20090930
SEAD- 006- R- 01	OPEN BURN/OPEN DETONATION GROUNDS	RCRA Closure Plan	20170930
SEAD- 003- R- 01	EOD RANGE 1	Munition Destruction Areas	20110930
SEAD- 007- R- 01	RIFLE GRENADE RANGE	Munition Destruction Areas	20110930
SEAD- 007- R- 01	RIFLE GRENADE RANGE	SEAD- 002- R- 01 and SEAD- 007- R- 01	20090930

Final RA(C) Completion Date: 201212

NPL Deletion Date: N/A

Schedule for Next Five- Year Review: 2010

Estimated Completion Date of BRAC- MMRP at Installation (including LTM phase): 204611

SENECA ARMY DEPOT ACTIVITY BRAC- MMRP Schedule

█ = phase underway

SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13+
SEAD-001-R-01	DEACTIVATION FURNACES	PA						
		RIFS						
		RD						
		RA(C)	█					
		LTM		█	█	█	█	█
SEAD-002-R-01	EAST EOD RANGES	PA						
		RIFS	█					
		IRA	█					
		LTM		█	█	█	█	█
SEAD-003-R-01	EOD RANGE 1	PA						
		RIFS	█	█	█			
		RD				█		
		RA(C)						█
		LTM						
SEAD-006-R-01	OPEN BURN/OPEN DETONATION GROUNDS	PA						
		RIFS	█	█	█	█	█	█
		IRA						█
		LTM						
SEAD-007-R-01	RIFLE GRENADE RANGE	PA						
		RIFS	█					
		IRA	█					
		LTM		█	█	█	█	█
SEAD-023	OB GROUNDS	PA						
		SI						
		RIFS						
		RD						
		RA(C)						
		LTM	█	█	█	█	█	█

BRAC- MMRP Costs

Total Funding through FY2004: \$4,324.0 K

Prior Funding

FY	Phase	Site ID	Obligations	FY Total
2005	IRA		\$6,157.0 K	\$6,192.0 K
	LTM		\$35.0 K	
2006	RA(C)	SEAD- 006- R- 01	\$603.0 K	\$603.0 K
TOTAL PRIOR FUNDING:			\$11,119.0 K	

Current Requirements

FY	Phase	Site ID	Requirements	FY Total
2007	RD	SEAD- 001- R- 01	\$60.4 K	\$60.4 K

TOTAL CURRENT REQUIREMENTS \$60.4 K

TOTAL FUTURE REQUIREMENTS: \$22,517.0 K

TOTAL PROGRAM COST: \$33,696.4 K

Programmed Cost- to- Complete

SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Out Yrs	Site Total	Description of Work
SEAD-001-R-01	DEACTIVATION FURNACES	LTM	0	0	0	0	6	8	6	254	274	Five Year Review; Site Close Out Documentation; OE Monitoring, 2 Events; LUC - Transferring Government Installation; Professional Labor Management
SEAD-002-R-01	EAST EOD RANGES	LTM	2	0	2	0	2	0	2	17	25	OE Monitoring, 2 Events
SEAD-003-R-01	EOD RANGE 1	RD	0	0	0	36	0	0	0	0	36	Remedial Design
		RA(C)	0	0	0	0	583	0	0	0	583	Off- site Transportation and Landfill Disposal, Non- hazardous Solids without Stabilization
		LTM	0	0	0	0	0	0	2	23	25	OE Institutional Controls
SEAD-006-R-01	OPEN BURN/OPEN DETONATION GROUNDS	IRA	0	0	0	0	715	715	715	14392	16537	MEC Removal Action
		LTM	0	0	0	0	0	0	0	3507	3507	Five Year Review; Site Close Out Documentation; OE Institutional Controls; Monitoring, System Water- Metals
SEAD-007-R-01	RIFLE GRENADE RANGE	LTM	2	0	2	0	2	0	2	17	25	OE Monitoring, 2 Events
SEAD-023	OB GROUNDS	LTM	72	40	40	80	40	40	40	1153	1505	LUC - Transferring Government Installation; Five Year Review; Monitoring, System Water- Metals; Site Close Out Documentation
Totals			76	40	44	116	1348	763	767	19363	22517	

Costs - Combined Requirements Spreadsheet

PROG	SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Out Yrs	Site Total	Description of Work
IR	SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD	LTM								57	57	Site Close Out Documentation; Professional Labor Management
IR	SEAD-005	SEWAGE SLUDGE WASTE PILES	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close Out Documentation
IR	SEAD-006	ASH LANDFILL (SEAD-3,6,8,14,15)	LTM								274	274	LUC - Transferring Government Installation
			RA(O)	187	187	187	187	212	187	187	1609	2943	Monitoring, System Water- VOCs; Five Year Review; Site Close Out Documentation
IR	SEAD-009	MULT NFA SITES (OLD SCRAP WD PILE)	LTM	9	9	9	9	9	9	9	282	345	LUC - Transferring Government Installation; Site Close Out Documentation
IR	SEAD-011	OLD CONSTRUCTION DEBRIS LANDFILL	LTM					62				62	Site Close Out Documentation
IR	SEAD-012	RADIOACTIVE BURIAL SITES (3)	RA(C)	4064								4064	Remedial Design; Off-site Transportation and Landfill Disposal, Non- hazardous Solids without Stabilization
			LTM		64								64
IR	SEAD-013	IRFNA DISPOSAL SITE (6)	RA(O)	95	95	95	95	119	95	95	1349	2038	LUC - Transferring Government Installation; Five Year Review; Monitoring, System Water-Acids/Caustics; Site Close Out Documentation
IR	SEAD-024	ABANDONED POWDER BURNING PIT	LTM	46								46	Site Close Out Documentation
IR	SEAD-025	FIRE TRAINING AND DEMO PAD	LTM	68	68	68	94	68	68	68	758	1260	LUC - Transferring Government Installation; Groundwater Monitoring Well, Consolidated; Five Year Review; Site Close Out Documentation
IR	SEAD-027	BLDG 360 STEAM CLEANING WASTE TANK	LTM	9	9	9	9	9	36	9	344	434	LUC - Transferring Government Installation; Five Year Review
IR	SEAD-039	BOILER PLANT BLOWDOWN PITS BUILDING	LTM	9	9	9	9	9	9	9	257	320	LUC - Transferring Government Installation; Site Close

Costs - Combined Requirements Spreadsheet

PROG	SITE ID	SITE NAME	PHASE	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Out Yrs	Site Total	Description of Work	
		121											Out Documentation	
IR	SEAD-048	PITCHBLEND STORAGE AREAS	LTM	46								46	Site Close Out Documentation	
IR	SEAD-059	FILL AREA WEST 135	LTM	9	9	9	9	9	9	9		257	320	LUC - Transferring Government Installation; Site Close Out Documentation
IR	SEAD-121	EBS SITES- INDUSTRIAL AREA	LTM					3	3	3		123	132	Site Close Out Documentation; Five Year Review; LUC - Former Government Site
MR	SEAD-001- R-01	DEACTIVATION FURNACES	LTM					6	8	6		254	274	Five Year Review; Site Close Out Documentation; OE Monitoring, 2 Events; LUC - Transferring Government Installation; Professional Labor Management
MR	SEAD-002- R-01	EAST EOD RANGES	LTM	2		2		2		2		17	25	OE Monitoring, 2 Events
MR	SEAD-003- R-01	EOD RANGE 1	RA(C)					583					583	Off- site Transportation and Landfill Disposal, Non- hazardous Solids without Stabilization
			RD				36						36	Remedial Design
			LTM						2			23	25	OE Institutional Controls
MR	SEAD-006- R-01	OPEN BURNOPEN DETONATION GROUNDS	LTM									3507	3507	Five Year Review; Site Close Out Documentation; OE Institutional Controls; Monitoring, System Water- Metals
			IRA							715		15822	16537	MEC Removal Action
MR	SEAD-007- R-01	RIFLE GRENADE RANGE	LTM	2		2		2		2		17	25	OE Monitoring, 2 Events
MR	SEAD-023	OB GROUNDS	LTM	72	40	40	80	40	40	40		1153	1505	LUC - Transferring Government Installation; Five Year Review; Monitoring, System Water- Metals; Site Close Out Documentation
	Totals			4627	499	439	537	1142	473	1165		26360	35242	

Community Involvement

Technical Review Committee (TRC): None

Restoration Advisory Board (RAB): RAB established 1996

RAB Adjournment Date:

RAB Adjournment Reason:

Community Involvement Plan (Date Published): 199210

Additional Community Involvement Information

Restoration Advisory Board meetings are held quarterly. Required public meetings are held as needed.

Administrative Record is located at

TBD

Information Repository is located at

TBD

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

TAPP Title: N/A

Potential TAPP: N/A