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JUN/FY06

SENECA ARMY DEPOT
New York

Base Realignment & Closure
Installation Action Plan

Final 14 September 2006

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Installation Action Plan**

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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.

In an effort to coordinate planning information between the restoration manager, US Army Environmental Center (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 during a planning workshop held on March 1-2, 2006:

Name	Company/Installation/Branch
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Frank Ricotti	NYSDEC-Region VIII
Charlotte Theobald	NYSDEC
Julio Vazquez	US Environmental Protection Agency (USEPA) Region 2

BRAC Division Concurrence Signature

<hr/>	<hr/>
BRAC DIVISION	Date

Acronyms & Abbreviations

AEDB-R	Army Environmental Database - Restoration
BEC	BRAC Environmental Coordinator
BIAP	BRAC Installation Action Plan
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EE/CA	Engineering Evaluation/Cost Analysis
EOD	Explosive Ordnance Division
FS	Feasibility Study
FSS	Final Status Survey
FY	Fiscal Year
IRA	Interim Remedial Action
IRFNA	Inhibited Red Fuming Nitric Acid
IRP	Installation Restoration Program
LTA	Local Training Area
LTM	Long Term Management
MMRP	Military Munitions Response Program
NA	Natural Attenuation
NCFL	Non-Combustible Fill Landfill
NFA	No Further Action
NPL	National Priorities List
NYSDEC	New York State Department of Environmental Conservation
OB	Open Burning
OD	Open Detonation
OE	Ordnance Explosives
PA	Preliminary Assessment
PAH	Polynuclear Aromatic Hydrocarbons
POL	Petroleum, Oil & Lubricants
PRAP	Proposed Remedial Action Plan
RA	Remedial Action
RA(C)	Remedial Action - Construction
RA(O)	Remedial Action – Operation
RAB	Restoration Advisory Board
RAC	Risk Assessment Code
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy in Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SCIDA	Seneca County Industrial Development Authority
SEDA	Seneca Army Depot Activity
SI	Site Inspection
STP	Sewage Treatment Plant

Acronyms & Abbreviations

SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TAPP	Technical Assistance for Public Participation
TCE	Trichloroethylene
TCRA	Time Critical Removal
TRC	Technical Review Committee
USACE	US Army Corps of Engineers
USAEC	US Army Environmental Center
USEPA	US Environmental Protection Agency
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VOC	Volatile Organic Compounds

Site ID Conversions

AEDB-R #	Alias
SEAD-001	BLDG 307- HAZ WASTE STORAGE FACILITY
SEAD-002	BLDG 301- PCB TRANSFORMER STORAGE AREA
SEAD-003	INCINERATOR COOLING WATER POND
SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD
SEAD-005	SEWAGE SLUDGE WASTE PILES
SEAD-006	ASH LANDFILL (SEAD-3,6,8,14,15)
SEAD-007	SHALE PIT
SEAD-008	NONCOMBUST FILL AREA, (PART OF SEAD-006)
SEAD-009	OLD SCRAP WOOD PILE
SEAD-010	PRESENT SCRAP WOOD PILE
SEAD-011	OLD CONSTRUCTION DEBRIS LANDFILL
SEAD-012	RADIOACTIVE BURIAL SITES
SEAD-013	IRFNA DISPOSAL SITE
SEAD-014	REFUSE BURNING PITS
SEAD-015	ABANDONED SOLID WASTE INCINERATOR
SEAD-016	ABANDONED DEACTIVATION FURNACE
SEAD-017	BLDG 367 PRESENT DEACTIVATION FURNACE
SEAD-018	CLASSIFIED DOCUMENT INCINERATOR (BLDG 709)
SEAD-019	CLASSIFIED DOCUMENT INCINERATOR (BLDG 801)
SEAD-020	SEWAGE TREATMENT PLANT NO 4
SEAD-021	SEWAGE TREATMENT PLANT NO 715
SEAD-022	SEWAGE TREATMENT PLANTS NO 314, 715, 4 (SEAD-20,-22)
SEAD-023	OB GROUNDS
SEAD-024	ABANDONED POWDER BURNING PIT
SEAD-025	FIRE TRAINING AND DEMO PAD
SEAD-026	FIRE TRAINING PIT
SEAD-027	BLDG 360 STEAM CLEANING WASTE TANK
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 BLDG 2079
SEAD-039	BOILER PLANT BLOWDOWN PITS BLDG 121
SEAD-040	BOILER PLANT BLOWDOWN PITS BLDG 319
SEAD-041	BOILER PLANT BLOWDOWN PITS BLDG 718
SEAD-042	OLD PREVENTATIVE MEDICINE LABORATORY
SEAD-043	BLDG 606 MISSILE PROPELLANT TEST LAB.

Site ID Conversions

AEDB-R #	Alias
SEAD-044	QA TEST LAB
SEAD-045	DEMOLITION AREA
SEAD-046	SMALL ARMS RANGE
SEAD-047	RAD CALIBRATION SOURCE STORAGE BLG-321,806
SEAD-048	PITCHBLEND STORAGE AREAS
SEAD-049	COLUMBITE ORE STORAGE BLDG 356
SEAD-050	TANK FARM
SEAD-051	PERIMETER OF HIGH SECURITY AREA
SEAD-052	AMMUNITION BREAKDOWN AREA
SEAD-053	MUNITIONS STORAGE IGLOOS
SEAD-054	ASBESTOS STORAGE
SEAD-055	BUILDING 357- TANNIN STORAGE
SEAD-056	HERBICIDE AND PESTICIDE STORAGE
SEAD-057	EXPLOSIVE ORDNANCE RANGE
SEAD-058	DEBRIS AREA NEAR BOOSTER STATION 2131
SEAD-059	FILL AREA WEST 135
SEAD-060	OIL DISCHARGE, 609
SEAD-061	UST WASTE OIL TANK BLDG 718
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 NO 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
SEAD-099	COMP- ASBESTOS SURVEY & OTHER M ACCT WK
SEAD-100	COMP- ASBESTOS ABATEMENT PROJECT
SEAD-101	COMP- HAZARDOUS WASTE DISPOSAL
SEAD-104	COMP- REMOVE & REPLACE UST AT 8 PUBLIC B
SEAD-105	COMP- EXPLOSIVE OPERATIONS DECON/REMEDI
SEAD-106	COMP- ENVIRONMENTAL TESTING CONTRACTS
SEAD-107	COMP- DISPOSAL CONTRACTS OIL/WATER SEP
SEAD-108	COMP- TRANSFER- WASTE WATER TREATMENT
SEAD-109	COMP- WATER TREATMENT SYSTEM TRANSFER
SEAD-110	COMP- REVISION OF ISCP/SPCC PLAN
SEAD-111	COMP- RADIATION SURVEYS
SEAD-113	COMP- LEAD BASED PAINT ABATEMENT
SEAD-114	COMP- HAZARDOUS WASTE STORAGE/ACCUMUL
SEAD-115	COMP- RCRA CLOSURE OF OB/OD GROUNDS

Site ID Conversions

AEDB-R #	Alias
SEAD-113	COMP- LEAD BASED PAINT ABATEMENT
SEAD-114	COMP- HAZARDOUS WASTE STORAGE/ACCUMUL
SEAD-115	COMP- RCRA CLOSURE OF OB/OD GROUNDS
SEAD-116	COMP- P TREATED DISPOSAL
SEAD-118	INSTALLATION UXO SITE
SEAD-119	EBS SITES- HOUSING AREA
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-64A	GARBAGE DISPOSAL AREA A
SEAD-64B	GARBAGE DISPOSAL AREA B
SEAD-64C	GARBAGE DISPOSAL AREA C
SEAD-64D	GARBAGE DISPOSAL AREA D

Installation Information

Installation Locale: The Seneca Army Depot Activity (SEDA) encompasses 10,587 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.

Installation Size:

Installation Acreage: 10,687 acres

BRAC Acreage: 10,687 acres

Acreage being transferred to other service: 0

Acreage being transferred to other federal agencies: 292

Acreage being transferred to non-federal agencies: 10,416

List of Off Post Properties: none

Environmental Condition of Property:

Acres in Category 1: 8,598

Acres in Category 2: 19

Acres in Category 3: 1,129

Acres in Category 4: 140

Acres in Category 5: 801

Acres in Category 6: 0

Acres in Category 7: 0

Lead Organization:

Base Realignment and Closure Division (BRACD)

Lead Executing Agencies:

Investigation Phase: USACE

Remedial Action Phase: USACE

Air Force Center for Environmental Excellence

Regulator Participation:

Federal: USEPA Region, 2

State: NYSDEC

BRAC Closure Round: BRAC IV-1995

Status of Redevelopment Initiative (Reuse Plan): The Army has accepted the Seneca County Industrial Development Agency Plan (SCIDA)

Organization Name: Seneca County Industrial Development Agency

Plan Status: Currently under implementation

Development Plan Date: 199703

Installation Information

Existing Legal Agreements/Interim Leases: Memorandum of Agreement dated Oct 1999; Supplemental Memorandum of agreement dated Sep 2003; Master Lease dated June 1999; Lease Amendment 1, dated Aug 1999; Amendment 2 dated Oct 1999; Amendment 3 dated July 2000; Amendment 4 dated Feb 2002; Amendment 5 dated Feb 2002.

Significant Base Tenants: SCIDA, Chemical Materials Agency, USACE

Projected Date of Final Transfer of Property: 2017

National Priorities List (NPL) Status: 1989, Hazard Ranking Score = 37.3

Projected Date for Construction Completion: 2013

Removal from the NPL: 2043

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status: A RAB was established at Seneca Army Depot in May of 1996

Installation Program Summaries

Installation Restoration Program (IRP)

Primary Contaminants of Concern: Semi-Volatile Organic Compounds (SVOCs), Volatile Organic Compounds (VOCs), Trichloroethylene (TCE), Metals

Affected Media of Concern: Soil, Ground water, Surface water

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 2022/2013

Funding to date (up to FY05): \$ 87,891,000

Current year funding (FY06): \$ 3,412,000

Cost-to-Complete (FY07+): \$13,294,000

Military Munitions Response Program (MMRP)

Primary Contaminants of Concern: VOCs, TCE, Metals, OE

Affected Media of Concern: Soil, Ground water

Estimated Date for RIP/RC: 2006/2026

Funding to date (up to FY05): \$10,516,000

Current year funding (FY06): \$84,000

Cost-to-Complete (2007+): \$ 25,950,000



CTT Range, UXO-DMM-MC Site Map Seneca Army Depot BRAC Property, NY



Figure 1

Range Area	Acres
Closed	2,548.0
Transferring	0.0
Transferred	660.0
AVI	0.0



- Current Installation Boundary
- Pre-BRAC Boundary
- County Boundary
- Water
- Roads
- Closed
- Transferred
- Transferring
- AVI
- Non-range, Non UXO-DMM-MC BRAC Area

Projection UTM, Zone 18
 Datum NAD83
 Units Meters
 Grid 2,500 Meter

1:24,000

0 0.5 1 Kilometers

0 0.25 0.5 1 Miles



Installation Location
New York

Closed, Transferring, and Transferred Ranges,
W70, DMM, or MC Sites
Seneca Army Depot BRAC Property, NY

Source: Produced for U.S. Army Environmental Center by URS
 Group, Inc. under contract number DCA001-04-D-0015
 Date: June 2009
 Edition: CTT Range Inventory - Final Report for Seneca Army
 Depot BRAC Property, NY

Scale of Map
 All polygons representing water features, roads, ranges, closed, transferred, and AVI transferring ranges are represented as to their shape, and used for location purposes only.



1994

- Parsons: Expanded Site Inspection Seven High Priority Solid Waste Management Units (SWMUs) - SEADs 4, 16, 17, 24, 25, 26 and 45: April
- Final Action Memorandum/Ash Landfill Removal Action: May
- Engineering Science: SWMU Classification Report: September

1995

- Wetlands Survey, Seneca Army Depot Activity, December
- Parsons: Prove-Out Event Report (Ash Landfill): January
- Parsons: Mid-Project Data Report (Ash Landfill): February
- US Fish and Wildlife Service/Universities Cornell and Syracuse: Endangered Species Survey: February,
- Parsons: Expanded Site Inspection Seven High Priority SWMUs - SEADs 4, 16, 17, 24, 25, 26 and 45: May
- Parsons: Process Evaluation Report of Deactivation Furnace: July
- Parsons: Section C - Technical Specifications- Removal Action at 3 SWMUs for Metal and Semi-volatile Organics (SEADs 24, 50/54, 67): October
- Parsons: Ash Landfill Immediate Response: December
- Parsons: Expanded Site Inspection Three Moderate Priority SWMUs - SEADs 11, 13, and 57: December

1996

- Parsons: Feasibility Study Report at the Open Burning Grounds: March
- Parsons: Feasibility Study Report at Ash Landfill Site, Volume I and II: December

1997

- Parsons: Groundwater Modeling in Support of the Funnel and Gate Design at the Ash Landfill: January
- Parsons: Environmental Baseline Survey Report: March
- Parsons: SEAD-13 Project Scoping Plan for Performing a CERCLA Remedial Investigation/Feasibility Study (RI/FS) at the Inhibited Red Fuming Nitric Acid Disposal Pits: September
- Parsons: SEAD-11, SEAD-64A, SEAD-64D Project Scoping Plan for Performing a CERCLA RI/FS at the Construction Debris Landfill (SEAD 11), Garbage Disposal Areas (SEAD 64A and 64D): September

1998

- Parsons: Groundwater Modeling in Support of the Funnel and Gate Design at the Ash Landfill: January
- Parsons: Cost Estimate Open Burning Ground Remediation Program, April
- Parsons: Section C Technical Specifications Soil and Sediment Remediation at the Open Burning (OB) Grounds: August
- Parsons: Remedial Investigation Report at the Fire Training and Demonstration Pad (SEAD-25) and the Fire Training Pit and Area (SEAD-26): May

Previous Studies

- Parsons: SEAD-12 and SEAD-63, Project Scoping Plan for Performing a CERCLA RI/FS at Building 804 and the Associated Radioactive Waste Burial Sites (SEAD-12), and the Miscellaneous Components Burial Site (SEAD-63): June
- Parsons: Engineering Evaluation/Cost Analysis (EE/CA) Approval Memorandum Miscellaneous Components Burial Site (SEAD-63): October
- Parsons: Work Plan Treatability Study at the Incinerator Ash Landfill: November
- Parsons: Final Record of Decision OB Grounds : December
- Parsons: EE/CA Approval Memorandum Construction Debris Landfill (SEAD-11) and Garbage Disposal Areas (SEAD-64A and SEAD-64D): December

1999

- Parsons: Technical Specifications for Removal Actions at SWMUs SEAD-24, SEAD-50, SEAD-54 and SEAD-67: February
- Parsons: Technical Specifications for Removal Actions at SWMUs SEAD-24, SEAD-50, SEAD-54 and SEAD-67: March
- Parsons: 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: May
- Parsons: Technical Specifications for Removal Actions at SWMUs SEAD-38, SEAD-39, SEAD-40, SEAD-41 and SEAD-60: March

2000

- Parsons: Derived Concentration Guideline Level Development for Radiological Surveys in Class 1 Buildings at SEAD-12, Seneca Army Depot Activity, Romulus, NY: January
- Parsons: Ordnance Explosives (OE) Final Ordnance and Explosives Engineering Evaluation/Cost Analysis: May
- Parsons: Feasibility Study at the Abandoned Deactivation Furnace (SEAD-16) and the Active Deactivation Furnace (SEAD-17) (Final) : September

2001

- Parsons: SEAD-4 Remedial Investigation Report at the Munitions Washout Facility (SEAD-4), (FINAL): January
- Parsons: Data from the Additional Sampling Program Conducted at the Old Construction Debris Landfill (SEAD-11) at SEDA: April
- Parsons: Data from the Additional Sampling Program Conducted at the Old Construction Debris Landfill (SEAD-11) at SEDA: April
- Parsons: Superfund PRAP for The Ash Landfill, Final: June
- Parsons: Feasibility Study at the Abandoned Deactivation Furnace (SEAD-16) and the Active Deactivation Furnace (SEAD-17) (Revised Final): July
- Parsons: Action Memorandum for the Miscellaneous Components Burial Site (SEAD-63) (Final): October
- Parsons: Memorandum Cost Curves for SEAD 4 and SEAD-59: October

Previous Studies

- Parsons: 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): November

2002

- Parsons: Remedial Investigation Report at the Radiological Waste Burial Sites (SEAD-12) Volumes I, II and III (Final Revised): February
- Parsons: 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: Final PRAP for Ash Landfill, SEAD – 3, 6, 8, 14, 15: July
- Parsons: Proposed Remedial Action Plan at the Fire Training and Demonstration Pad (SEAD-25) and the Fire Training Pit and Area (SEAD-26), (Final): July
- Parsons: 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): July

2003

- Parsons: Final Removal Report SEAD-59 & -71, Time Critical Removal Action: January
- Parsons: SEAD-4 Remedial Investigation Report at the Munitions Washout Facility (SEAD-4), (Revised Final), January
- Parsons: Radiological Survey Report – SEAD-12 Phase I and II Surveys: March
- Parsons: Final Action Memorandum for Removal Action at SWMU SEAD-11, Seneca Army Depot Activity: April
- Parsons: Superfund Proposed Plan for the Abandoned Deactivation Furnace (SEAD-16) and Active Deactivation Furnace (SEAD-17): April
- Parsons: Final Action Memorandum for Removal Action at SWMU SEAD-11, Seneca Army Depot Activity: April
- Parsons: Revised Final Action Memorandum for Removal Action at SWMU SEAD-11, Seneca Army Depot Activity: June (CD)
- Parsons: Decision Document Mini Risk Assessment SEAD-13 Inhibited Red Fuming Nitric Acid (IRFNA) Disposal Site, July
- Parsons: Record of Decision (ROD) The Fire Training and Demonstration Pad (SEAD-25) and the Fire Training Pit and Area (SEAD-26) (Final): July, signed October (CD)
- Parsons: Final OE Removal Report, Unexploded Ordnance (UXO) and Soil Remediation, Open Burning Grounds: August
- Parsons: 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): September
- Parsons: UXO and Sediment Remediation Open Burning Grounds, Seneca Army Depot Activity, Romulus, NY Final OE Removal Report: November

2004

- Parsons: Non-Time Critical Removal Action Miscellaneous Components Burial Site Workplan (SEAD-63) (Final): March (CD)

Previous Studies

- Parsons: Revised Final Action Memorandum for Removal Action at SWMU SEAD-11, Seneca Army Depot Activity, June (CD)
- Parsons: NRC License Termination Report, Seneca Army Depot Activity: June
- Parsons: ROD for the Ash Landfill & Appendix E, signed Final: July (CD)
- Parsons: Decision Document Mini Risk Assessment SEAD-13 IRFNA Disposal Site: July
- Parsons: Signed Final ROD for Sites Requiring Institutional Controls in the Planned Industrial/Office Development or Warehousing Areas, Seneca Army Depot Activity: June, signed September
- Parsons: ROD The Fire Training and Demonstration Pad (SEAD-25) and the Fire Training Pit and Area (SEAD-26) and Appendix E, (Final): July, signed October (CD)
- Parsons: ROD for the Abandoned Deactivation Furnace (SEAD-16) and the Active Deactivation Furnace (SEAD-17), Draft: November (CD)
- Parsons: Proposed Plan No Further Action SWMUs (SEAD 50/54) (FINAL, Revised), Seneca Army Depot Activity: December
- Parsons: ROD for No Further Action SWMU's (SEAD 50/54) at Seneca Army Depot Activity: December
- Weston: Time Critical Removal Action Metal Sites – SEAD 67: 2004

2005

- Parsons: Final Completion Removal Report, Time Critical Removal Action Metal Sites, SEAD-67: February
- Parsons: Final Site-Specific Project Report, SEAD 45/115 Open Detonation Grounds, Ordnance and Explosives Removal, Phase I Geophysical Survey and Cost Estimate: March (CD)
- Parson: Final Feasibility Study Munitions Washout Facility SEAD 4: March
- Parsons: EE/CA Action Memorandum Explosive Ordnance Division (EOD) Areas # 2 and #3, *et al.* May (CD)
- Parsons: Time-Critical Removal Action VOC Sites–SEADs 39 & 40, Final Completion Removal Report: May
- Parsons: Final ROD for No Further Action SWMU's (SEAD 50/54) at Seneca Army Depot Activity, Distributed, Final Signature 28SEP05: May (CD)
- Parsons: Resource Conservation and Recovery Act (RCRA) Closure Plan, Building 803—Mixed Waste Storage Facility Solid Waste Management Unit – SEAD-72 (Final): October (CD)
- Parsons: Non-Time Critical Removal Action Miscellaneous Components Burial Site Completion Report Vols. I, II, III (SEAD-63) (Final): November (CD)

Transfer Summary

Total Installation Acres: 10,687

BRAC Acres: 10,687

Parcel Name: LRA1/PID

Recipient organization: Seneca County Industrial Development Agency

Acres: 21

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use Industrial/commercial

Transfer date: 200610

Parcel Name: LRA1A

Recipient organization: Seneca County Industrial Development Agency

Acres: 53

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use Industrial/commercial

Transfer date: 200709

Parcel Name: LRA2

Recipient organization: Seneca County Industrial Development Agency

Acres: 1

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use: other

Transfer date: 200610

Parcel Name: LRA2A

Recipient organization: Seneca County Industrial Development Agency

Acres: 14

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use: Industrial/commercial

Transfer date: 200809

Parcel Name: LRA2B

Recipient organization: Seneca County Industrial Development Agency

Acres: 76

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use: Industrial/commercial

Transfer date: 200709

Transfer Summary

Parcel Name: LRA3
Recipient organization: Seneca County Industrial Development Agency
Acres: 158
Transfer strategy: Transfer outside of federal government
Current land use: Industrial
Future land use: Industrial/commercial
Transfer date: 200709

Parcel Name: LRA3A
Recipient organization: Seneca County Industrial Development Agency
Acres: 31
Transfer strategy: Transfer outside of federal government
Current land use: Industrial
Future land use: Industrial/commercial
Transfer date: 200610

Parcel Name: LRA4
Recipient organization: Seneca County Industrial Development Agency
Acres: 415
Transfer strategy: Transfer outside of federal government
Current land use: Industrial
Future land use: other
Transfer date: 201109

Parcel Name: LRA5
Recipient organization: Seneca County Industrial Development Agency
Acres: 88
Transfer strategy: Transfer outside of federal government
Current land use: Industrial
Future land use: other
Transfer date: 201209

Parcel Name: NYSDOC Prison Parcel
Recipient organization: New York State Department of Corrections (NYSDOC)
Acres: 25
Transfer strategy: Transfer outside of federal government
Current land use: Industrial
Future land use: other
Transfer date: 20000831

Transfer Summary

Parcel Name: PID Transfer

Recipient organization: Seneca County Industrial Development Agency

Acres: 967

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use: Industrial/commercial

Transfer date: 20050930

Parcel Name: Parcel Airfield

Recipient organization: Seneca County Industrial Development Agency

Acres: 502

Transfer strategy: Transfer outside of federal government

Current land use: Industrial

Future land use: Industrial/commercial

Transfer date: 200609

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 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 RCRA was considered an ARAR pursuant to Section 121 of CERCLA. In October 1995, SEDA was designated as a facility to be closed under the provisions of the Base Realignment and Closure (BRAC) process.

IRP

Prior Year Progress:

- The installation completed one ROD and transferred 967 acres of property. The Army continued to develop a second ROD that addresses 14 sites.
- The installation completed three IRAs and initiated a remediation project that uses mulch to treat groundwater with trichloroethylene (TCE) contamination.
- Additionally, the Army continued to address termination of the Nuclear Regulatory Commission license for the storage of depleted uranium rounds.

Future Plan of Action:

- Award performance-based contract for remediation of three sites in FY06.
- Complete Remedial Actions (RAs) at two sites in FY06.
- Complete ROD for 14 sites in FY06.

MMRP

Prior Year Progress:

- The installation completed an SI and initiated IRAs at three MMRP sites.

Future Plan of Action:

- Initiate RAs at three MMRP sites in FY06.
- Complete ROD and initiate RA for 14 sites with MMRP and CERCLA hazardous substances in FY06.
- Address concern of residual chemical contamination at MMRP sites in FY06.

Closure-Related Compliance

Prior Year Progress:

- Environmental Impact Study May 1998, RCRA permit termination September 2005

Future Plan of Action: None

Natural and Cultural Resources

Prior Year Progress: Completed programmatic agreement April 24, 2003

Future Plan of Action: None

SENECA ARMY DEPOT BRAC

Parcel & Site Descriptions

SENECA ARMY DEPOT

LRA1/PID

Parcel Size: 21 acres

Associated Sites: SEAD-005, 024, 025, 039, 063, 067

Expected Transfer Date: 200610

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEWAGE SLUDGE WASTE PILES

SITE DESCRIPTION

This site is a result of the storage of domestic sewage sludge from the drying beds at Sewage Treatment Plants (STP) No. 4 and No. 715. The storage area typically covered an area roughly 220 ft by 110 ft and was in use beginning in the 1980s.

Investigation results have revealed that the sludge material has elevated level of heavy metals in it. An Interim Removal Action (IRA) is currently underway.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA	199008	199307
SI	199008	199409
RI/FS	200106	200609
IRA	200106	200605
LTM	200610	203609

RC DATE: 200609

CLEANUP STRATEGY

RI/FS and IRA will be completed in FY06. Prepare NFA PRAP and ROD. LTM includes site close out documentation and maintaining land use controls.

SEAD-024

ABANDONED POWDER BURNING PIT

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 for funding purposes along with SEAD-054 and 067.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA	198902	199102
SI	199106	199512
RI/FS	199903	200609
IRA	199903	200605
LTM	200701	200708

RC DATE: 200609

CLEANUP STRATEGY

RI/FS and IRA will be completed in FY06. Prepare NFA PRAP and ROD. LTM includes site close out documentation and maintaining land use controls.

FIRE TRAINING AND DEMO PAD

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.

This site is combined with SEAD-026 for tracking purposes.

CLEANUP STRATEGY

The Remedial Action is underway with soil excavations conducted at both sites in FY 06. Following acceptance of Construction Completion Reports, monitoring will begin, Five-Year Reviews will be conducted, site closeout documentation will be prepared, and land use controls will be maintained.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
VOCs, BTEX, Metal

MEDIA OF CONCERN:
Soil, Groundwater

Phases	Start	End
PA.....	199002.....	199102
SI	199106.....	199512
RI/FS	199503.....	200010
RD	199909.....	200510
RA(C).....	200502.....	200607
LTM	200608.....	202605

RC DATE: 200607

BOILER PLANT BLOWDOWN PITS BUILDING 121

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.

CLEANUP STRATEGY

Complete the RI/FS and IRA in FY06. Prepare NFA PRAP and ROD. LTM includes site close out documentation and maintaining land use controls.

SEAD-038 is combined with SEAD-004 for funding and tracking purposes.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
VOCs

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA	198707	198707
RI/FS	199903	200609
IRA	199903	200605
LTM	200701	201508

RC DATE: 200609

MISCELLANEOUS COMPONENTS BURIAL SITE

SITE DESCRIPTION

SEAD-63 is approximately 480 by 300 feet and was used during the 1950s and 1960s as a disposal area for classified parts. Multiple disposal pits were excavated to the underlying shale bedrock. The SWMU Classification Report states that "inert materials" were buried within the disposal pits.

Site work performed at SEAD-63 included an expanded site investigation (ESI) in 1994, followed by a remedial investigation (RI) in 1997 leading to a EE/CA and an Action Memorandum and a non-time critical removal action with the goals of mitigating the source of heavy metals and possible radionuclides through the removal of debris and soils. The NCTRA was conducted in 2004 to remove buried debris (mainly military components) and to address cadmium exceedances identified within the burial pits at SEAD 63. A completion report indicating no further action is necessary was submitted to the regulators in 2006.

This site is combined with SEAD-012 for funding purposes.

CLEANUP STRATEGY

Complete the RI/FS and IRA in FY06. Prepare NFA PRAP and ROD.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: LOW

CONTAMINANTS OF CONCERN:
Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA.....	199008.....	199307
SI	199311.....	199409
RI/FS	199503.....	200604
IRA	200309.....	200604

RC DATE: 200604

SEAD-067 DUMP SITE EAST OF STP #4

SITE DESCRIPTION

The SEAD 67 site is located in the central eastern portion of SEDA, immediately east of Sewage Treatment Plant No. 4. All waste soil piles and berms were approximately 3 to 4 ft high; except for one 10-ft diameter pile that was approximately 5 ft high. The origin of the bermed areas and waste piles are unknown. The investigative work at SEAD-67 included an ESI in 1993 and a TCRA in 2002/2003, which included confirmation sampling.

SEAD-67 was subdivided into two areas prior to excavation in 2002. Area 1 (piles 1 and 2) had 483 cubic yards of soil removed and Area 2 (piles 3 to 7) had 1,308 cubic yards of soil removed. The soil removed from SEAD-67 was classified as non-hazardous. An Institutional Control (IC) Proposed Plan has been submitted for regulatory review (2005).

SEAD-024, 050 and 054 are combined with this site for funding purposes.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: LOW

CONTAMINANTS OF CONCERN:
Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA.....	199008.....	199307
SI.....	199310.....	199409
RI/FS.....	199903.....	200604
IRA.....	199903.....	200604

RC DATE: 200604

CLEANUP STRATEGY

The RI/FS and IRA documentation will be completed in FY06. Prepare NFA PRAP and ROD.

SENECA ARMY DEPOT

LRA1A

Parcel Size: 53 acres

Associated Site: SEAD-006, 059

Expected Transfer Date: 200709

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-006

ASH LANDFILL (SEAD-3,6,8,14,15)

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.

CLEANUP STRATEGY

Complete remedial design and conduct the remedial action provided in the ROD during the summer of FY06. RA(O) includes monitoring, five year reviews and site close out documentation. LTM includes maintaining land use controls.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
VOCs, TCE, Metal

MEDIA OF CONCERN:
Soil, Groundwater

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

RIP DATE: 200701

RC DATE: 202201

SEAD-059 FILL AREA WEST 135

SITE DESCRIPTION

SEAD 59 is a former fill area of about six acres located west of Building 135 that was used for the disposal of concrete, asphalt, metal, wood, chain link fence, paint cans and 55-gallon drums.

2002 Action Memorandum outlined the objectives of the TCRA which included the removal of metal debris, paint cans and drums. The TCRA was conducted between September and November 2002.

A RI has been prepared and demonstrates there is no unacceptable risk from this site for an industrial setting.

SEAD-071 is combined with this site for tracking purposes. This site was an alleged paint disposal area located near Buildings 114 and 127 and is roughly two acres in size.

CLEANUP STRATEGY

Completion of the RI/FS is expected in FY07. An Institutional Controls (IC) PRAP and ROD is planned. LTM includes site close out documentation and maintaining land use controls.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
SVOCs, Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA.....	199008.....	199307
SI.....	199310.....	199409
RI/FS	199503.....	200703
IRA.....	200109.....	200304
LTM	200704.....	203703

RC DATE: 200703

SENECA ARMY DEPOT

LRA2

Parcel Size: 1

Associated Sites: SEAD-064B, 064D, 121 (See Parcel 2B)

Expected Transfer Date: 200610

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer Outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-64B GARBAGE DISPOSAL AREA B

SITE DESCRIPTION

The disposal area at SEAD-64B was located near Building 2086 in the southern end of SEDA (0.1 acre). Two large piles were observed located along the northern boundary of SEAD-64B. SEAD-64B was used for garbage disposal during the time period from 1974 to 1979, which corresponds to a period when the Depot's solid waste incinerator was not in operation. The types of waste historically disposed of at the site were described by SEDA personnel as comprised mainly of household items, although it was further reported in the 1995 SWMU Classification Report that metal drums and other industrial items were also disposed of at the site.

The investigative work at SEAD-64B included an Expanded Site Inspection performed in 1994 followed by a mini-risk assessment in 2001/2002. Results of the risk assessment indicated that no unacceptable risk exists at the site. Therefore, a No Further Action as the remedy for SEAD-64B was selected and presented in a 2006 ROD.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: Medium

CONTAMINANTS OF CONCERN:
Pesticide, Metal

MEDIA OF CONCERN:
Soil, Groundwater, Surface water

<u>Phases</u>	<u>Start</u>	<u>End</u>
PA.....	199008	199307
SI.....	199310	199409

RC DATE: 199409

CLEANUP STRATEGY

The ROD has been submitted to the regulatory agencies and is under review. Regulatory acceptance is expected in FY 06.

SEAD-64D GARBAGE DISPOSAL AREA D

SITE DESCRIPTION

SEAD-64D covered a large area (2,700 feet by 1,200 feet) in the southwestern portion of SEDA. Portions of SEAD-64D were used for garbage disposal from 1974 to 1979 when the SEDA solid waste incinerator was not in operation. The types of wastes disposed of at the site are suspected to be household items, although according to information contained in the 1995 SWMU Classification Report metal drums and other industrial wastes may also have been disposed at this site. The investigative work at SEAD-64B included an initial site investigation in 2002 followed by a treatability study in 2004. The risk assessment showed an unacceptable risk due to the ingestion of groundwater. A No Further Action with institutional controls was the selected remedy and presented in a 2006 ROD.

CLEANUP STRATEGY

The ROD has been submitted to the regulatory agencies and is under review. Regulatory acceptance is expected in FY 06.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: Medium

CONTAMINANTS OF CONCERN:
Pesticide, Metal

MEDIA OF CONCERN: Soil,
Groundwater, Surface water

<u>Phases</u>	<u>Start</u>	<u>End</u>
PA.....	199008	199307
SI.....	199310	199409

RC DATE: 199409

SENECA ARMY DEPOT

LRA2A

Parcel Size: 14 acres

Associated Sites: SEAD-001-R-01 (alias: SEAD-016, 017)

Expected Transfer Date: 200809

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer Outside of the Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-001-R-01 DEACTIVATION FURNACES

SITE DESCRIPTION

The Abandoned Deactivation Furnace (SEAD-16) is located in the east-central portion of SEDA consisting of 2.6 acres of fenced land with grasslands, a storage area and the building housing the deactivation furnace. The Active Deactivation Furnace (SEAD-17) is located adjacent to and southwest of SEAD 16 and consists of a deactivation furnace building surrounded by a crushed shale road.

Based on the ESI, a RI field program lead in building materials and soil and PAHs soil at SEAD 16 and lead in soil at SEAD 16 presented were of a concern. A Final ROD was submitted to the regulators for signature in 2006.

STATUS

REGULATORY DRIVER: CERCLA

RAC SCORE: HIGH

CONTAMINANTS OF CONCERN:
SVOCs, Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA.....	199901	200001
RI/FS	200010	200609
RD	200603	200703
RA(C)	200603	200708
LTM	200710	203709

RC DATE: 200708

CLEANUP STRATEGY

Final Proposed Remedial Action Plan has been agreed to. The Final Record of Decision is being forwarded for signature. A performance based contract is being procured to take site through to response complete.

LTM includes monitoring, five year review, site close out documentation and maintaining land use controls.

SENECA ARMY DEPOT

LRA2B

Parcel Size: 76 acres

Associated Site: SEAD-004, 121

Transfer Date or Expected Transfer Date: 200709

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

MUNITIONS WASHOUT FACILITY LEACH FIELD

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 STRATEGY

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

LTM includes monitoring, five year review, and site close out documentation.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA	197905	198001
SI.....	199106	199512
RI/FS.....	199503	200703
RA(C)	200602	200803
LTM.....	200804	201703

RC DATE: 200803

SEAD-121 EBS SITES-INDUSTRIAL AREA

SITE DESCRIPTION

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 STRATEGY

Complete the RI report and submit a Natural Attenuation (NA)/No Further Action (NFA) ROD.

LTM includes site close out documentation and maintaining land use controls.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:
VOCs, TCE, Metal

MEDIA OF CONCERN:
Soil, Groundwater, Surface water

Phases	Start	End
PA	199602	199703
SI	199801	199902
RI/FS	200010	200609
IRA	200603	200609
LTM	200610	203609

RC DATE: 200609

SENECA ARMY DEPOT

LRA3

Parcel Size: 158 acres

Associated Site: SEAD-002-R-01, 003-R-01, 011, 013

Transfer Date or Expected Transfer Date: 200709

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-002-R-01 EAST EOD RANGES

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 STRATEGY

Remedial Action/Investigation is scheduled for FY 06. A contract is being procured to take this site through response complete.

LTM includes OE monitoring.

STATUS

REGULATORY DRIVER: CERCLA

RAC SCORE: 3 - MODERATE

CONTAMINANTS OF CONCERN:
OE

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA	200011	200306
RI/FS	200110	200703
IRA	200502	200612
LTM	200705	203705

RC DATE: 200703

SEAD-003-R-01 EOD RANGE 1

SITE DESCRIPTION

This range is comprised of three separate areas: EOD Area 1 (SEAD-057), Demolition Range and the Bazooka 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 EE/CA 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 STRATEGY

Field investigation has been initiated. A contract is being procured to take site through response in place.

A soil excavation followed by off-site waste transportation. LTM includes OE institutional controls.

STATUS

REGULATORY DRIVER: CERCLA

RAC SCORE: 1 - HIGH

CONTAMINANTS OF CONCERN:
OE, Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA.....	200111	200206
RI/FS	200210	201005
RD	201503	201508
RA(C)	201509	201512
LTM.....	201609	204608

RC DATE: 201512

SEAD-011

OLD CONSTRUCTION DEBRIS LANDFILL

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.

STATUS

REGULATORY DRIVER:

CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:

VOCs, SVOCs, Metals

MEDIA OF CONCERN:

Soil, Groundwater

Phases	Start	End
PA.....	198001.....	198803
SI.....	199010.....	199512
RI/FS.....	199503.....	200709
IRA.....	200502.....	200705
LTM.....	201210.....	201212

RC DATE: 200709

CLEANUP STRATEGY

An Interim removal action is planned so that a No Further Action Determination can be made.

LTM includes site close out documentation.

A performance based contract is being procured to take this site through response complete.

SEAD-013 IRFNA DISPOSAL SITE (6)

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 STRATEGY

Complete the RI/FS process with the submission of an institutional control PRAP/ROD in FY 06. RA(O) will be required for natural attenuation until groundwater standards are met. Once standards are met site close out documentation will be prepared.

STATUS

REGULATORY DRIVER:

CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:

Nitrates

MEDIA OF CONCERN:

Groundwater

Phases	Start	End
PA	197905	198001
SI	199106	199512
RI/FS	199503	200609
RA(C)	200603	200609
RA (O)	200609	202608

RIP DATE: 200609

RC DATE: 202609

SENECA ARMY DEPOT

LRA3A

Parcel Size: 31 acres

Associated Site: SEAD-048

Transfer Date or Expected Transfer Date: 200610

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-048

PITCH BLEND STORAGE AREAS

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 1970's. 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 STRATEGY

The FSS is under review. Complete RI/FS process with NFA PRAP/ROD expected in FY 07. LTM includes site closeout after ROD is signed.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: LOW

CONTAMINANTS OF CONCERN:
Radiological

MEDIA OF CONCERN:
Soil, Groundwater

Phases	Start	End
PA.....	198707.....	198709
SI.....	199808.....	199409
RI/FS.....	199503.....	200703
LTM.....	200704.....	200801

RC DATE: 200703

SENECA ARMY DEPOT

LRA4

Parcel Size: 415 acres

Associated Site: SEAD-006-R-01, 023, 012

Transfer Date or Expected Transfer Date: 201109

Current Land Use: Industrial

Future Land Use: Industrial/commercial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-006-R-01

OPEN BURN/OPEN DETONATION GROUNDS

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

STATUS

REGULATORY DRIVER: CERCLA

RAC SCORE: 1 - HIGH

CONTAMINANTS OF CONCERN:
Metals, OE

MEDIA OF CONCERN:
Soil, Groundwater

<u>Phases</u>	<u>Start</u>	<u>End</u>
PA.....	200111.....	200206
RI/FS.....	200208.....	200510
RD.....	201502.....	201506
RA(C).....	201512.....	201611
LTM.....	201612.....	204611

RC DATE: 201611

CLEANUP STRATEGY

Perform OE removal through sorting and sifting and address any soil contamination. The removal action would be followed by an IC PRAP/ROD. LTM includes monitoring, five year reviews and site close out documentation.

SEAD-023 OB GROUNDS

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 STRATEGY

Monitoring and five year reviews will be conducted followed by site close out documentation and maintaining land use controls.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: Not Evaluated

CONTAMINANTS OF CONCERN:
Metals, OE

MEDIA OF CONCERN: Soil,
Groundwater

Phases	Start	End
PA.....	197905.....	198001
SI.....	199001.....	198802
RI/FS.....	199005.....	199410
RA(C).....	199810.....	200304
LTM.....	200309.....	203709

RC DATE: 200304

RADIOACTIVE BURIAL SITES (3)

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.

CLEANUP STRATEGY

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

STATUS**REGULATORY DRIVER:**

CERCLA

RRSE: HIGH

CONTAMINANTS OF CONCERN:

VOCs, TCE, Metal

MEDIA OF CONCERN:

Soil, Ground water, Surface water

Phases	Start	End
PA.....	197905	198001
SI.....	199310	199409
RI/FS	199503	200706
RA(C)	201211	201309
LTM	201310	201410

RC DATE: 201309

SENECA ARMY DEPOT

LRA5

Parcel Size: 88 acres

Associated Site: SEAD-003-R-01 (See Parcel LRA3), (Alias: SEAD-046) 007-R-01
(Alias: SEAD-118)

Transfer Date or Expected Transfer Date: 201209

Current Land Use: Conservation

Future Land Use: None

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

SEAD-007-R-01 RIFLE GRENADE RANGE

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.

STATUS

REGULATORY DRIVER: CERCLA

RAC SCORE: 2 - SERIOUS

CONTAMINANTS OF CONCERN:
OE, Metals

MEDIA OF CONCERN:
Soil

<u>Phases</u>	<u>Start</u>	<u>End</u>
PA	200211	200306
RI/FS	200410	200703
IRA	200602	200612
LTM	200801	203801

RC DATE: 200703

CLEANUP STRATEGY

A removal contract is being procured to take site through response complete. LTM includes OE monitoring.

SENECA ARMY DEPOT

NYSDOC Prison Parcel

Parcel Size: 25 acres

Associated Site: SEAD-044

Transfer Date: 20000831

Current Land Use: Institutional (prior use-industrial)

Future Land Use: Institutional

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: NYSDOC

Other Issues Affecting Transfer: None

SEAD-044 QA TEST LAB

SITE DESCRIPTION

SEAD-44 is located in the southeastern portion of the Depot on property that is currently associated with the New York State Department of Correctional Services' Five Points Correctional Facility. SEAD-044 was divided into two areas A and B. At SEAD-044A, ordnance and explosives (OE) and unexploded ordnance (UXO) removal was completed during 2001 and 2002. Once the removal was completed, soil stockpiles, which were previously screened for OE debris, were graded to allow for drainage by mounding the stockpiles. The surrounding 25 acre area was seeded.

Two buildings were originally associated with SEAD-44B. The buildings were part of a QA test area for pyrotechnics, chemical smoke grenades, and other fire devices. Expanded Site Investigations were conducted between 1993 and 1994.

Risk assessments conducted for both sites did not indicate any unacceptable risk to human health and the environment.

STATUS

REGULATORY DRIVER:

CERCLA

RRSE: N/A

CONTAMINANTS OF CONCERN:

Metals

MEDIA OF CONCERN:

Soil

Phases	Start	End
PA	198008	199307
SI	199310	199409

RC DATE: 199409

SENECA ARMY DEPOT

PID Transfer

Parcel Size: 967 acres

Associated Site: SEAD-09, 027

Transfer Date: 20050930

Current Land Use: Industrial

Future Land Use: Industrial

Leases/Permits/Licenses: None

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: None

SEAD-009

MULTI NFA SITES (OLD SCRAP WD PILE)

SITE DESCRIPTION

The Old Scrap Wood Site (SEAD-09) is located in the eastern-central portion of the Depot. This SWMU is located in a portion of the Depot where the future land use has been designated as industrial development. The debris consists of numerous piles of scrap wood and other miscellaneous items that exist in and around the cul-de-sac. There are no buildings or existing structures near this site.

Construction debris was deposited at this site from 1977 to 1984, and scrap wood was deposited here from 1984 to 1986. Periodically between 1985 and 1992 the fire department used this area for training when they burned scrap wood that could not be sold. The exact nature of this fire training is uncertain. No historical data exists on the procedures used or materials burned.

The Army proposed SEAD-09 as a Moderately Low Priority AOC, and this recommendation was documented in the final SWMU Classification Report.

No Action ROD signed September 2003 includes SEAD 7,9,10,18,19,20,21,22,33,35,36,37,42,49,51,53,55,65,and 68

Institutional Control ROD includes SEADs 1,2,43,56,69,52, and 62, which is expected to be signed September 2006.

No Action ROD includes SEAD 58 which is expected to be signed September 2006.

CLEANUP STRATEGY

LTM includes maintaining land use controls and site close out documentation.

STATUS

REGULATORY DRIVER:
CERCLA

RRSE: LOW

CONTAMINANTS OF CONCERN:
Metals

MEDIA OF CONCERN:
Soil

Phases	Start	End
PA	197905	198001
SI	199408	199409
RI/FS	199907	200608
LTM	200610	203610

RC DATE: 200608

BUILDING 360 STEAM CLEANING WASTE TANK

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.

STATUS

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
LTM	200510	203709

RC DATE: 200509

CLEANUP STRATEGY

LTM includes maintaining land use controls and completing five year reviews.

SENECA ARMY DEPOT

AIRFIELD

Parcel Size: 502 acres

Associated Site: SEAD-122

Expected Transfer Date: 200609

Current Land Use: Industrial

Future Land Use: Institutional

Leases/Permits/Licenses: Lease In furtherance of conveyance

Transfer Strategy: Transfer outside of Federal Government

Recipient: SCIDA

Other Issues Affecting Transfer: Regulatory review process

EBS SITES-AIRFIELD AREA

SITE DESCRIPTION

The Air Force, Navy, and Army have operated the Airfield SAR since the 1950s for small arms qualification of base and security personnel. The Seneca Airfield SAR consists of two bermed small arms ranges, one of which was previously used for small arms training while the second was used for machine gun targeting. There have been modifications to the size and shape of the firing lanes and berms since initial construction by the Air Force in the 1950s. The Airfield SAR is located in the southwest corner of SEDA adjacent to the SEDA Airfield Parcel.

A 2004 Characterization Study indicated that metal contamination at the site was limited in nature and extent. During the treatability study conducted between January and February 2004, soil was excavated in a few discrete areas surrounding areas of elevated lead and other metal concentrations. Following soil excavation during the treatability study, lead was not detected at a concentration greater than 400 parts per million in any location. State Police intend to use range for like use.

The parking apron adjacent the airfield tower structure has areas of elevated SVOCs from former operations. Field investigations and risk assessment indicate no unacceptable risks to human health and the environment.

CLEANUP STRATEGY

Complete RI/FS process. An Institutional Controls PRAP and ROD has been prepared and is included with SEAD 67, 39, and 40. LTM for the site is included with the parent site SEAD 9

STATUS		
REGULATORY DRIVER: CERCLA		
RRSE: HIGH		
CONTAMINANTS OF CONCERN: SVOCs, Metals		
MEDIA OF CONCERN: Soil		
Phases	Start	End
PA	199602.....	199703
SI	199801.....	200604
RC DATE: 200604		

BRAC No Further Action Sites Summary

AEDB-R #	Site Title	Documentation/Reason for NFA	NFA Date
SEAD-001	BLDG 307 – Haz Waste Storage Facility	Study Completed, No Cleanup Required	198707
SEAD-002	BLDG 301 – PCB Transformer Storage Area	Study Completed, No Cleanup Required	198707
SEAD-003	Incinerator Cooling Water Pond	Other	199410
SEAD-004-R-01	LTA Ranges	Study Completed, No Cleanup Required	200306
SEAD-005-R-01	LTA – 1 XD	Study Completed, No Cleanup Required	200306
SEAD-007	Shale Pit	ROD	200311
SEAD-008	Noncombust Fill Area, Part of SEAD-006	Other	199410
SEAD-008-R-01	Sampson Rifle Range	Study Completed, No Cleanup Required	200306
SEAD-009-R-01	Sampson Rifle Range XD	Study Completed, No Cleanup Required	200306
SEAD-009	Old Scrap Wood Site	ROD	200311
SEAD-010	Present Scrap Wood Site	ROD	200311
SEAD-014	Refuse Burning Pits	Other	199410
SEAD-015	Abandoned Solid Waste Incinerator	Other	199410
SEAD-016	Abandoned Deactivation Furnace	Other	200304
SEAD-017	BLDG 367 Present Deactivation Furnace	Other	200109
SEAD-018	Classified Document Incinerator (709)	ROD	200311
SEAD-019	Classified Document Incinerator (801)	ROD	200311
SEAD-020	STP No 4	ROD	200311
SEAD-021	STP NO 715	ROD	200311
SEAD-022	STPs No 314, 715 4 (SEAD-20,-22)	ROD	200311
SEAD-026	Fire Taining Pit	Other	200010
SEAD-028	UST BLDG A,B POL (BLDG 360)	ROD	200311
SEAD-029	UST BLDG 732 POL	ROD	199210
SEAD-030	UST Building 118 POL	ROD	200311
SEAD-031	UST Building 117 POL	ROD	200311

BRAC No Further Action Sites Summary

AEDB-R #	Site Title	Documentation/Reason for NFA	NFA Date
SEAD-032	UST Building 718 A,B POL	ROD	200311
SEAD-033	UST Building 121 POL	ROD	200311
SEAD-034	UST Building 319 A, B POL	ROD	200311
SEAD-035	Waste Oil Boiler, Building 718	ROD	200311
SEAD-036	Waste Oil Boiler, Building 121	ROD	200311
SEAD-037	Waste Oil Boiler, Building 319	ROD	200311
SEAD-038	Boiler Plant Blowdown Pits Building 2079	Other	200603
SEAD-040	Boiler Plant Blowdown Pits Building 319	Other	198707
SEAD-041	Boiler Plant Blowdown Pits Building 718	Other	198707
SEAD-042	Old Preventative Medicine Laboratory	ROD	200311
SEAD-043	BLDG 606 Missile Prop. Test Lab.	Other	199409
SEAD-045	Demolition Area	Other	200103
SEAD-046	Small Arms Range	Other	200304
SEAD-047	RAD Calibration Source Stor Bldg – 321, 806	ROD	200311
SEAD-049	Columbite Ore Storage BLDG 356	ROD	200311
SEAD-050	Tank Farm	ROD	200509
SEAD-051	Perimeter of High Security Area	ROD	200311
SEAD-052	Ammunition Breakdown Area	Study Completed, No Cleanup Required	199409
SEAD-053	Munitions Storage Igloos	ROD	200311
SEAD-054	Asbestos Storage	ROD	200509
SEAD-055	BLDG 357-Tannin Storage	ROD	200311
SEAD-056	Herbicide and Pesticide Storage	Study Completed, No Cleanup Required	198707
SEAD-057	Explosive Ordnance Range	Other	200103

BRAC No Further Action Sites Summary

AEDB-R #	Site Title	Documentation/Reason for NFA	NFA Date
SEAD-058	Debris Area Near Booster Station 2131	Other	199512
SEAD-060	Oil Discharge Bldg, 609	ROD	200311
SEAD-61	UST Waste Oil Tank BLDG 718	ROD	200311
SEAD-062	Nicotine Sulfate Disposal Area	Other	199409
SEAD-64A	Garbage Disposal Area A	ROD	200409
SEA-64C	Garbage Disposal Area C	Other	199409
SEAD-065	Acid Storage Area	ROD	200311
SEAD-066	Pesticide Storage Area	ROD	200409
SEAD-068	Pest Control Shop	ROD	200311
SEAD-069	BLDG 606 Disposal Area	Other	199409
SEAD-070	BLDG 2110 Fill Area	Other	199409
SEAD-071	Paint Disposal Area	Other	200102
SEAD-072	Building 803-Mixed Waste Storage	Study Completed, No Cleanup Required	199307
SEAD-099	Comp-Asbestos Survey & Other M ACCT WK	Other	199703
SEAD-100	Comp-Asbestos Abatement Project	All Required Cleanup(s) Completed	200304
SEAD-101	Comp – Hazardous Waste Disposal	Other	200212
SEAD-104	Comp – Remove & Replace USA at 8 Public B	All Required Cleanup(s) Completed	200506
SEAD-105	Comp – Explosive Operations Decon/Remed	Study Completed, No Cleanup Required	200309
SEAD-106	Comp – Environmental Testing Contracts	Other	200108
SEAD-107	Comp – Disposal Contracts Oil/Water Sep	Other	200210
SEAD-108	Comp – Transfer – Waste Water Treatment	Other	199703

BRAC No Further Action Sites Summary

AEDB-R #	Site Title	Documentation/Reason for NFA	NFA Date
SEAD-109	Comp – Water Treatment System Transfer	Other	199703
SEAD-110	Comp – Revision of ISCP/SPCC Plan	Other	200212
SEAD-111	Comp – Radiation Surveys	Study Completed, No Cleanup Required	200609
SEAD-113	Comp – Lead Based Paint Abatement	Study Completed, No Cleanup Required	199909
SEAD-114	Comp – Hazardous Waste Storage/Accumulation	Other	200210
SEAD-115	Comp – RCRA Closure of OB/OD Grounds	Other	200304
SEAD-116	Comp – P Treated Disposal	Other	200212
SEAD-118	Installation UXO Site	Other	200304
SEAD-119	EBS Sites – Housing Area	Study Completed, No Cleanup Required	200308
SEAD-120	EBS Sites – Conservation Area	Other	199901
SEAD-123	EBS Sites – Institutional Area	Study Completed, No Cleanup Required	199901

Past Phase Completion Milestones for IRP, MMRP and Closure Related Compliance:**1994**

- In FY94, the installation completed a solid waste management classification study, identifying 72 solid waste management units.
- Thirty-six units required no further action (NFA) or completion reports, eight required removal actions, and 28 required remedial investigations and feasibility studies (RI/FS). The 28 sites requiring RI/FS were divided into 13 groups.

1995

- In July 1995, the BRAC Commission recommended closing Seneca Army Depot, except for an enclave that will store hazardous materials and ores. The installation closed in September 2000. EPA placed the installation on the NPL in August 1990. The Army and EPA signed a federal facility agreement in January 1993.
- Interim actions include removal of several USTs and associated contaminated soil, and removal and treatment of soil from the ash landfill.

1996

- In FY96, the installation converted its technical review committee to a Restoration Advisory Board (RAB) and established a BRAC cleanup team (BCT). The community formed a local reuse authority (LRA) and began developing a land reuse plan.

2001

- In FY01, the BCT met every other month to discuss issues, reuse priorities, and overall progress. The RAB continued to meet regularly.

2002

- In FY02, the interim remedial actions (IRAs) at the radioactive waste burial site, sludge piles, and paint disposal areas continued.
- The Army submitted NFA RODS to regulators for approval.
- The installation completed an investigation at the small-arms range at the airfield and initiated the IRAs in preparation for transfer.

2003

- In FY03, the installation completed 10 IRAs for the sludge piles, paint disposal areas, volatile organic compounds (VOCs), and metals.
- The Army signed the ROD for 22 no action/NFA sites, closing these sites. The installation also accomplished work to close RCRA storage units.
- The installation transferred 6,981 acres of property.
- Army completed an inventory of closed, transferred, and transferring ranges and sites with unexploded ordnance, discarded military munitions, or munitions constituents. It identified 18 MMRP sites at the installation.
- By the end of FY03, 13 sites had already reached RC.
- As of FY03, the Army has signed 5 Records of Decision (RODs) and transferred over 7,900 acres.

2004

- In FY04, the Army signed two RODs with land use controls.
- The installation completed three IRAs and continued work on additional IRAs. The installation investigated 6 operable units and removed 13 USTs.
- The Army transferred 25 acres to the LRA.
- The installation initiated site investigations (SIs) at three MMRP sites using geophysical equipment to locate all potential munitions and explosives of concern.

2005

- The installation completed one ROD and transferred 967 acres of property. The Army continued to develop a second ROD that addresses 14 sites.
- The installation completed three IRAs and initiated a remediation project that uses mulch to treat groundwater with trichloroethylene (TCE) contamination.
- Additionally, the Army continued to address termination of the Nuclear Regulatory Commission license for the storage of depleted uranium rounds.
- The RAB continued to meet quarterly.

2006

- Award performance-based contract for remediation of three sites in FY06.
- Complete RAs at two sites in FY06.
- Complete ROD for 14 sites in FY06.
- Initiate RAs at three MMRP sites in FY06.
- Complete ROD and initiate RA for 14 sites with MMRP and CERCLA hazardous substances in FY06.
- Address concern of residual chemical contamination at MMRP sites in FY06.

Projected Record of Decision (ROD)/Decision Document Approval Dates and Associated Sites:

- 200606: SEADs-016/017
- 200609: NA/NFA SEADs-013, 39, 40, 43/56/69, 44A, 44B, 52, 63, 64B, 64D, 67 and 122B
- 600609: NA/NFA SEADs-001, 002 and 005
- 200609: NFA SEAD-121

Projected Construction Completion Date of IRP: 2046

Schedule for 5 Year Reviews: 201004

Estimated Completion Date of Cleanup at Installation (including LTM Phase): 2046

SENECA ARMY DEPOT BRAC SCHEDULE

(Based on current funding constraints)

AEDB-R#	Phase	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-004	LTM									201703
SEAD-005	LTM									
SEAD-006	RA (O)									202201
	LTM									205201
SEAD-009	LTM									203610
SEAD-011	LTM									
SEAD-012	RA (C)									
	LTM									
SEAD-013	RA (O)									202608
SEAD-025	LTM									202605
SEAD-027	LTM									203709
SEAD-039	LTM									201508
SEAD-048	LTM									
SEAD-059	LTM									203703
SEAD-121	LTM									203609
SEAD-001-R-01	LTM									203709
SEAD-002-R-01	LTM									203705
SEAD-003-R-01	RD									201508
	RA(C)									201512
	LTM									204608
SEAD-006-R-01	RD									201506
	RA(C)									201611
	LTM									204611
SEAD-007-R-01	LTM								203801	

Prior Year Funds for IRP, MMRP, and Closure-Related Compliance

Total Funding up through FY05: \$16,130K

Current Year Requirements for IRP, MMRP, and Closure-Related Compliance (from BRAC workplan)

Year	Site Information	Requirements	FY Total
FY06	LTM SEAD-004	\$ 84 K	
	RA(O) SEAD-006	\$ 136 K	
	RA(C) SEAD-012	\$3,038 K	
	RA(O) SEAD-013	\$ 86 K	
	LTM SEAD-025	\$ 66 K	
	LTM SEAD-027	\$ 2 K	
	LTM SEAD-001-R-01	\$ 82 K	
	LTM SEAD-002-R-01	\$ 2 K	\$3,496K

Total Requirements FY06: \$3,496K

Total Future Requirements: \$39,244K

Total Program Cost (from inception to completion of the BRAC IRP): \$58,870K

**Seneca Army Depot
FY06 BRAC Cost-to-Complete**

AEDB-R#	Site Title	Parcel	Program	Phase	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+	Site Total	Description of Work
SEAD-003-R-01	EOD Range 1	LRA5	MMRP	RD									36	2,433	Remedial Design
				RA(C)								2374	Excavation, No Sidewall Protection		
				LTM								23	Ordnance & Explosive Monitoring, 2 Events		
SEAD-006-R-01	Open Burn/Open Detonation Grounds	LRA4	MMRP	RD									676	676	Remedial Design
				RA(C)									15,022	15,022	Excavation, No Sidewall Protection
				LTM									3,259	3,259	OE Institutional controls
SEAD-007-R-01	Rifle Grenade Range	LRA5	MMRP	LTM							2	21	23	OE Monitoring, 2 Events	
FY Totals in Thousands of Dollars					1,045	436	438	436	528	488	4,179	673	31,021	39,244	
					FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+		

**Seneca Army Depot
FY06 BRAC Cost-to-Complete**

AEDB-R#	Site Title	Parcel	Program	Phase	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+	Site Total	Description of Work	
SEAD-004	Munitions Washout Facility Leach Field	LRA2B	IRP	LTM							85	85	351	521	Five Year Review, Groundwater Monitoring Well, Consolidated Site Close Out Documentation	
SEAD-005	Sewage Sludge Waste Piles	LRA1/PID	IRP	LTM	289									289	Site Close Out Documentation, Maintaining Land use controls	
SEAD-006	Ash Landfill	LRA1A	IRP	RA(O)	183	183	183	183	183	208	183	183	1,386	2875	Five Year Review, Groundwater Monitoring Well, site close out documentation	
				LTM									248	248	Maintaining land use controls	
SEAD-009	Mult NFA Sites(Old Scrap WD Pile)	PID Transfer	IRP	LTM	74	7	7	7	7	7	7	7	7	189	312	Maintain land use controls and site close out documentation.
SEAD-011	Old Construction Debris Landfill	LRA3	IRP	LTM							54			54	54	Site close out documentation.
SEAD-012	Radioactive Burial Sites (3)	LRA4	IRP	RA(C)							3,602			3,602	Off-site Transportation and Landfill Disposal, Hazardous Solids without Stabilization	
				LTM								56	56	56	Site Close Out Documentation	
SEAD-013	IRFNA Disposal Site (6)	LRA3	IRP	RA(O)	95	92	92	92	116	92	92	92	1,249	2,012	Five Year Review, MNA Water - VOCS, Site Close Out Documentation	
SEAD-023	OB Grounds		MMRP	LTM	73	39	39	39	79	39	39	39	1117	1,503	Five Year Review Monitoring, System Soil-Metals, Site Close Out Documentation, maintaining land use controls	
SEAD-024	Abandoned Powder Burning Pit	LRA1/PID	IRP	LTM	40									40	Site Close Out Documentation, maintaining land use controls	

**Seneca Army Depot
FY06 BRAC Cost-to-Complete**

AEDB-R#	Site Title	Parcel	Program	Phase	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+	Site Total	Description of Work
SEAD-025	Fire Training and DRMO Pad	LRA1/PID	IRP	LTM	89	86	86	86	112	86	86	86	1256	1,973	Five Year Review, Groundwater Monitoring Well, Consolidated Site Close Out Documentation, maintaining land use controls
SEAD-027	Building 360 Steam Cleaning Waste Tank	PID Transfer	IRP	LTM	10	8	8	8	8	35	8	8	315	408	maintain land use controls and complete five year reviews
SEAD-039	Boiler Plant Blowdown Pits Building 121	PID Transfer	IRP	LTM	50	7	7	7	7	7	7	7	189	288	Maintaining land use controls and Site Close Out Documentation
SEAD-048	Pitchblend Storage Areas	LRA3A	IRP	LTM	40									40	Site Close Out Documentation
SEAD-059	Fill Area West 135	LRA1A	IRP	LTM	50	7	7	7	7	7	7	7	189	288	Maintain land use controls and site close out documentation.
SEAD-121	EBS Sites-Industrial Area	LRA2B	IRP	LTM	50	7	7	7	7	7	7	7	189	288	Maintaining land use controls, Site Close Out Documentation
SEAD-001-R-01	Deactivation Furnaces	LRA2A	MMRP	LTM								94	2917	3,011	Five Year Review, Groundwater Monitoring Well, Consolidated OE Monitoring, 2 Events, Maintaining Land use controls, Site Close Out Documentation
SEAD-002-R-01	East EOD Ranges	LRA3	MMRP	LTM	2		2		2		2		15	23	OE Monitoring, 2 Events

Community Involvement

SEDA has not established a TRC. A TAPP also has not been established.

The Restoration Advisory Board was established for SEDA in May 1996. RAB membership is approximately 20 people, mostly from Seneca County. The RAB currently meets on a quarterly basis. SEDA is continuing their efforts to recruit new RAB members. During FY96 - 06, RAB meetings have been used to brief the RAB on the status of ER,A IRP investigations as well as all Proposed Plans and Records of Decisions.

Community Relations Plan was published in October 1992.