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FY2009

SENECA ARMY DEPOT ACTIVITY

**Base Realignment & Closure
Installation Action Plan**

Printed 01 October 2009

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Table of Contents

Statement Of Purpose.....	1
Installation Information.....	2
Cleanup Program Summary.....	4
Land Use Control (LUC) Summary.....	5
Installation Restoration Program.....	10
BRAC-IRP Summary.....	11
BRAC-IRP Contamination Assessment.....	13
Installation Restoration Program Site Descriptions.....	14
SEAD-004 MUNITIONS WASHOUT FACILITY LEACH FIELD.....	15
SEAD-005 SEWAGE SLUDGE WASTE PILES.....	16
SEAD-006 ASH LANDFILL (SEAD-3,6,8,14,15).....	17
SEAD-009 MULT NFA SITES (OLD SCRAP WD PILE)	18
SEAD-011 OLD CONSTRUCTION DEBRIS LANDFILL.....	20
SEAD-012 RADIOACTIVE BURIAL SITES (3).....	21
SEAD-013 IRFNA DISPOSAL SITE (6).....	22
SEAD-024 ABANDONED POWDER BURNING PIT.....	23
SEAD-025 FIRE TRAINING AND DEMO PAD.....	24
SEAD-059 FILL AREA WEST 135.....	25
Installation Restoration Program Schedule.....	26
Installation Restoration Program Schedule Chart.....	27
Installation Restoration Program Costs.....	29
BRAC-IRP Prior Funding/Current Requirements.....	29
BRAC-IRP Required Cost-to-Complete Chart.....	31
BRAC-IRP Programmed Cost-to-Complete Chart.....	32
Military Munitions Response Program.....	33
BRAC-MMRP Summary.....	34
BRAC-MMRP Contamination Assessment.....	35

Statement of Purpose

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

In an effort to coordinate planning information between the BRAC environmental coordinator (BEC), the US Army Environmental Command (USAEC), Seneca Army Depot Activity (SEDA), the regulatory agencies, executing agencies, the BRAC Division and the public, a BIAP was completed. The BIAP is used to track requirements, schedules and 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:

Absolom, Stephen
Weinberg, Andrew

Seneca Army Depot Activity
Bechtel-S Corporation for USAEC

Installation Information

Environmental Condition of Property

BRAC Round: BRAC IV

	CERCLA	MMRP
Acres in Category 1:	8,598.00	0.00
Acres in Category 2:	19.00	0.00
Acres in Category 3:	1,129.00	0.00
Acres in Category 4:	140.00	0.00
Acres in Category 5:	801.00	611.70
Acres in Category 6:	0.00	0.00
Acres in Category 7:	0.00	0.00

Lead Organization

Base Realignment and Closure Division

Lead Executing Agencies for Installation

US Army Corps of Engineers (USACE)

Regulator Participation

Federal US Environmental Protection Agency (USEPA), Region II
 State New York State Department of Environmental Conservation (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

Seneca County Industrial Development Agency (SCIDA)
 USACE

Projected Date of Final Transfer of Property: 201209

National Priorities List (NPL) Status

A score of 37.3 was recorded on 199008.

Final RA(C) Completion Date: 201112

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

Cleanup Program Summary

Previous Year Planned versus Actual Progress

Records of Decision (RODs) continued, but were not completed, for the following sites:

- Sewage Sludge Waste Piles,
- Old Construction Debris Landfill,
- Radioactive Burial Sites,
- Paint Disposal Areas,
- Metals Sites, and
- Ore Igloos.

A ROD for the Defense Reutilization and Marketing Office (DRMO) was finalized. RA at the Munitions Washout Facility was initiated, but not completed.

Installation Program Cleanup Progress

BRAC-IRP

Prior Year Progress: A remedial action - operation [RA(O)] was in progress at the Ash Landfill and Fire Training Area (FTA) sites. A remedial design (RD)/RA will be completed at the Munitions Washout Facility. Long-term management (LTM) will continue for all planned industrial development (PID) sites and others as identified in the land use control (LUC) RD. Sites that receive no further action (NFA) approval will be closed out.

Future Plan of Action: RA(O) will continue at the Ash Landfill and FTA sites. LTM will continue for all PID sites and others as identified in the LUC RD. RD/RA should be initiated and completed for the Radioactive Burial Sites.

BRAC-MMRP

Prior Year Progress: Interim Remedial Actions (IRAs) are in progress at two sites. LTM is in progress at one site. Two sites are at the end of the remedial investigation (RI)/feasibility study (FS) phase, with RODs being drafted.

Future Plan of Action: LTM will continue at sites with ROD requirements. The RI/FS will continue at SEAD-006-R-01.

Installation Exit Strategy

Seneca is a BRAC site with the mission to clean up 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 the individual sites. The last Installation Restoration Program (IRP) parcel is scheduled to be transferred in 2012. The last Military Munitions Response Program (MMRP) parcel is scheduled to be transferred in 2015.

Land Use Control (LUC) Summary

LUC title: Ash IC

Site(s): SEAD-006

ROD/DD title: Ash Landfill ROD

Location of LUC

West central portion of conservation area

Land Use Restriction: Media specific restriction - prohibit use of groundwater for consumption or domestic purposes

Types of Engineering Controls: None

Types of Institutional Controls: Deed Restrictions

Date in Place: 200501

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: FOST

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: VOC

Additional Information

N/A

LUC title: Deact IC

Site(s): SEAD-001-R-01

ROD/DD title: Deactivation Furnaces

Location of LUC

Groundwater restriction in the PID Area

Land Use Restriction: Media specific restriction - prohibit use of groundwater for consumption or domestic purposes, Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: None

Types of Institutional Controls: Deed Restrictions

Date in Place: 200509

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: FOST

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: METALS, Unexploded Ordnance(UXO)

Additional Information

N/A

Land Use Control (LUC) Summary

LUC title: FTA IC

Site(s): SEAD-025

ROD/DD title: Fire Training Areas DD

Location of LUC

PID AREA

Land Use Restriction: Media specific restriction - prohibit use of groundwater for consumption or domestic purposes

Types of Engineering Controls: None

Types of Institutional Controls: Deed Restrictions

Date in Place: 200609

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Local Redevelopment Authority

Record of LUC: FOST

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: PETROLEUM HYDROCARBON, VOC

Additional Information

N/A

LUC title: LUC for SEAD 121

Site(s): SEAD-121

ROD/DD title: EBS Industrial Area

Location of LUC

PID Area

Land Use Restriction: Media specific restriction - prohibit use of groundwater for consumption or domestic purposes, Media specific restriction - restrict drinking water well installation, Media specific restriction - restrict withdrawal or use of groundwater for agricultural/irrigation purposes, Media specific restriction - restrict withdrawal or use of groundwater w/out treatment, Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: None

Types of Institutional Controls: Affirmative easements appurtenant, Deed Notices, Restrictions on Groundwater Withdrawal, Restrictions on land use, Zoning

Date in Place: 200809

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Local Redevelopment Authority

Record of LUC: FOST

Documentation Date: 200806

LUC Enforcement: Annual Inspections, 5 Year Reviews, Transferee Reporting

Contaminants: METALS, PAH

Additional Information

N/A

Land Use Control (LUC) Summary

LUC title: PID/WHSE IC

Site(s): SEAD-013, SEAD-039, SEAD-040, SEAD-067

ROD/DD title: NFA/IC sites II

Location of LUC

PID and Whse Area and the East Central portion of Installation

Land Use Restriction: Media specific - Prohibit activities that results in contact with contaminated sediments, Media specific restriction - prohibit use of groundwater for consumption or domestic purposes

Types of Engineering Controls: None

Types of Institutional Controls: Deed Restrictions, Zoning

Date in Place: 200609

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Local Redevelopment Authority

Record of LUC: FOST

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: NITRATE/NITRITE, PAH

Additional Information

N/A

LUC title: Paint Disposal Area LUC

Site(s): SEAD-059, SEAD-071

ROD/DD title: Paint Disposal Areas ROD

Location of LUC

PID area

Land Use Restriction: Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: None

Types of Institutional Controls: Deed Restrictions, Restrictions on land use, Zoning

Date in Place: 200609

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Local Redevelopment Authority

Record of LUC: FOST

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: METALS, PAH

Additional Information

N/A

Land Use Control (LUC) Summary

LUC title: SEAD 1,2,5

Site(s): SEAD-001, SEAD-002, SEAD-005

ROD/DD title: Rad site, SEAD-48

Location of LUC

PID AREA

Land Use Restriction: Media specific restriction - prohibit use of groundwater for consumption or domestic purposes, Media specific restriction - restrict withdrawal or use of groundwater for agricultural/irrigation purposes, Media specific restriction - restrict withdrawal or use of groundwater w/out treatment, Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: None

Types of Institutional Controls: Affirmative easements in gross, Deed Restrictions, Zoning

Date in Place: 200909

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Local Redevelopment Authority

Record of LUC: FOST

Documentation Date: 200909

LUC Enforcement: Annual Inspections, 5 Year Reviews, Transferee Reporting

Contaminants: METALS, PAH

Additional Information

N/A

LUC title: VAPOR INTRUSION SEAD 12

Site(s): SEAD-012

ROD/DD title: SEAD 12 RAD site ROD

Location of LUC

SEAD 12 BUILDING 813/814

Land Use Restriction: Restrict land use - Mitigation area(s) protection

Types of Engineering Controls: None

Types of Institutional Controls: Deed Restrictions, Restrictive covenants, Zoning

Date in Place: 200909

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: State

Record of LUC: FOST

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: VOC

Additional Information

N/A

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SENECA ARMY DEPOT ACTIVITY

**Base Realignment and Closure
Installation Restoration Program**

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BRAC-IRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) BRAC Sites/Response Complete (RC)

BRAC Sites*: 72/69

Sites planned for RIP for FY2010

Site ID	Site Name	Month
N/A		

Sites planned for RC for FY2010

Site ID	Site Name	Month
N/A		

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)
- 2 Landfill
(SEAD-006, SEAD-009)
- 1 Radioactive Waste Area
(SEAD-012)
- 1 Storage Area
(SEAD-005)
- 2 Surface Disposal Area
(SEAD-004, SEAD-011)

Most Widespread Contaminants of Concern*

Metals, Nitrate/Nitrite, Radionuclides, Semi-volatiles (SVOC), Volatiles (VOC)

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

BRAC-IRP Summary

Completed Remedial Actions (Interim Remedial Actions / Final Remedial Actions (IRA/FRA))*					
Site ID	Site Name	Action	Remedy	FY	Cost
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
SEAD-011	OLD CONSTRUCTION DEBRIS LANDFILL	IRA	WASTE REMOVAL - SOILS	2008	TBD
SEAD-013	IRFNA DISPOSAL SITE (6)	FRA	INSTITUTIONAL CONTROLS	2008	TBD
SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD	FRA	OTHER	2009	TBD

Total BRAC-IRP Funding

Prior Funding:	\$89,874.8 K
Current Requirements:	\$667.0 K
Future Requirements:	\$7,180.0 K

Duration of BRAC-IRP

Date of BRAC-IRP Inception:	197901
Date for Remedy-In-Place (RIP)/Response Complete (RC):	201009/202201
Date of BRAC-IRP completion including Long Term Management (LTM):	205201

*Note: This does not include sites closed prior to installation being identified as BRAC.

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Site Name: MUNITIONS WASHOUT FACILITY LEACH FIELD

STATUS

Parcel: LRA 2B (76 acres)
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Program: BRAC-IRP
 Contaminants of Concern: Metals
 Media of Concern: Soil
 BRAC Round: BRAC IV

Phases	Start	End
PA.....	197905.....	198001
SI.....	199106.....	199512
RI/FS.....	199503.....	200809
RA(C).....	200602.....	200907
LTM.....	200909.....	201309

RIP Date: N/A
 RC Date: 200907

SITE DESCRIPTION

SEAD-004 is the munitions washout facility located in the southwestern portion of SEDA and was part of the ammunition workshop facility covering roughly 30 acres of developed and undeveloped areas. During the years that the munitions washout building was operating, the ammunition workshop facility consisted of eleven buildings. 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 expanded site investigation (ESI) conducted at SEAD-004 in 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 the mourning dove.

Work conducted at SEAD-004 also includes SEAD-038 Boiler Plant Blowdown Pit at Building 2079.

CLEANUP/EXIT STRATEGY

The ROD completed in 2008 recommended soil excavation and disposal. A performance-based acquisition (PBA) was procured to take this site through RC. The remedial action - construction [RA(C)] phase included RD as part of the PBA.

LTM includes the removal of groundwater monitoring wells and the preparation of site closeout documentation.

STATUS

Parcel: LRA 1/PID (21 acres)

Regulatory Driver: CERCLA

RRSE: HIGH

Program: BRAC-IRP

Contaminants of Concern: Metals

Media of Concern: Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	199008.....	199307
SI.....	199008.....	199409
RI/FS.....	200106.....	200909
IRA.....	200106.....	200605
LTM.....	201010.....	201109

RIP Date: N/A

RC Date: 200909

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 220 feet by 110 feet and use began in the 1980s.

Investigation results have revealed that the sludge material contains elevated levels of heavy metals. An IRA is complete. A proposed remedial action plan (PRAP) and a ROD with LUCs are being prepared. A no digging restriction will be placed on this site as a result of the excavated soils placed there from SEAD-059. A LUC associated with this site will be accomplished as part of the SEAD-009 LUC administration.

CLEANUP/EXIT STRATEGY

A ROD has been prepared recommending a cover be placed on the site to protect contact with the remaining soil. LTM includes site closeout documentation and maintaining LUC.

Site Name: MULT NFA SITES (OLD SCRAP WD PILE)

STATUS

Parcel: PID Transfer (967 acres)

Regulatory Driver: CERCLA

RRSE: LOW

Program: BRAC-IRP

Contaminants of Concern: Metals

Media of Concern: Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	197905.....	198001
SI.....	199408.....	199409
RI/FS.....	199907.....	200709
LTM.....	200710.....	204010

RIP Date: N/A

RC Date: 200709

SITE DESCRIPTION

The Old Scrap Wood Site (SEAD-009) is located in the eastern-central portion of the depot where future land use has been designated as industrial development. All sites associated with SEAD-009 have been consolidated for LUC implementation.

The Army proposed SEAD-009 as a moderately low priority AOC and this recommendation was documented in the final SWMU classification report.

A No Action ROD signed September 2003 includes the following:

- SEAD-007,
- SEAD-009,
- SEAD-010,
- SEAD-018,
- SEAD-019,
- SEAD-020,
- SEAD-021,
- SEAD-022,
- SEAD-033,
- SEAD-035,
- SEAD-036,
- SEAD-037,
- SEAD-042,
- SEAD-049,
- SEAD-051,
- SEAD-053,
- SEAD-055,
- SEAD-065, and
- SEAD-068.

A No Action ROD which includes SEAD-058 was signed in September 2006.

The ROD for sites requiring ICs in the planned industrial/office development or warehousing areas was signed Sept. 28, 2004 and includes SEAD-027, SEAD-066 and SEAD-64A.

The ROD for the following seventeen SWMUs requiring LUCs was signed on July 3, 2007:

- SEAD-013,
- SEAD-039,
- SEAD-040,
- SEAD-041,
- SEAD-043/056/069,
- SEAD-044A,
- SEAD-044B,
- SEAD-052,

Site Name: OLD CONSTRUCTION DEBRIS LANDFILL

STATUS

Parcel: LRA 3 (7.75 acres)

Regulatory Driver: CERCLA

RRSE: HIGH

Program: BRAC-IRP

Contaminants of Concern: Metals, Semi-volatiles (SVOC), Volatiles (VOC)

Media of Concern: Groundwater, Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	198001.....	198803
SI.....	199010.....	199512
RI/FS.....	199503.....	201009
IRA.....	200502.....	200809

RIP Date: N/A

RC Date: 201009

SITE DESCRIPTION

SEAD-011 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, trichloroethene (TCE), and SVOCs were found at concentrations above the screening criteria. The results of the groundwater sampling program at SEAD-011 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. Fieldwork has been completed. An NFA PRAP and ROD were initiated in fiscal year (FY)08.

CLEANUP/EXIT STRATEGY

The interim removal action field work has been completed and an NFA determination is planned for submittal.

LTM includes site closeout documentation.

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

Site ID: SEAD-012

Site Name: RADIOACTIVE BURIAL SITES (3)

STATUS

Parcel: LRA 4 (49 acres)

Regulatory Driver: CERCLA

RRSE: HIGH

Program: BRAC-IRP

Contaminants of Concern: Metals, Volatiles (VOC)

Media of Concern: Groundwater, Soil, Surface Water

BRAC Round: BRAC IV

Phases	Start	End
PA.....	197905.....	198001
SI.....	199310.....	199409
RI/FS.....	199503.....	201009
RA(C).....	200906.....	201009
LTM.....	201009.....	204010

RIP Date: N/A

RC Date: 201009

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 lead-210 (Pb-210) detected in soil samples.

In FY05 a soil removal action was conducted 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 RI 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.

This site is combined with SEAD-63 for funding; the AMS code is 61366R32.

CLEANUP/EXIT STRATEGY

The RI/FS was completed in FY08. The planned RA consists of the removal and disposal of classified components followed by LTM. LTM will include site closeout documentation.

STATUS

Parcel: NONE
 Regulatory Driver: CERCLA
 RRSE: HIGH
 Program: BRAC-IRP
 Contaminants of Concern: Nitrate/Nitrite
 Media of Concern: Groundwater
 BRAC Round: BRAC IV

Phases	Start	End
PA.....	197905.....	198001
SI.....	199106.....	199512
RI/FS.....	199503.....	200708
RA(C).....	200808.....	200809
RA(O).....	200808.....	200809
LTM.....	200810.....	201009

RIP Date: 200809

RC Date: 200809

SITE DESCRIPTION

The Inhibited Red Fuming Nitric Acid (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 consists of six elongated disposal pits generally 20 to 30 feet long, oriented east to west, and marked by sparse vegetation, crushed shale and one 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. The process resulted in nitrogen compounds being introduced into the groundwater.

An ESI was conducted from 1993 to 1994 followed by supplemental sampling from 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 (DD) recommended that RA 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 the NYSDEC Class GA groundwater standards and the USEPA maximum contaminant levels (MCLs). This site is associated with SEAD-009 for LTM.

CLEANUP/EXIT STRATEGY

The RI/FS will be followed by submission of an IC PRAP/ROD. RA(O) will be required for natural attenuation until groundwater cleanup goals are met. LTM for this site will be accomplished under Site SEAD 009. Five-year reviews will evaluate the need for continued groundwater monitoring. Once cleanup goals are met, site closeout documentation will be prepared.

Site ID: SEAD-024

Site Name: ABANDONED POWDER BURNING PIT

STATUS

Parcel: LRA 1/PID (21 acres)

Regulatory Driver: CERCLA

RRSE: HIGH

Program: BRAC-IRP

Contaminants of Concern: Metals

Media of Concern: Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	198902.....	199102
SI.....	199106.....	199512
RI/FS.....	199903.....	200905
IRA.....	199903.....	200605
LTM.....	200910.....	201011

RIP Date: N/A

RC Date: 200905

SITE DESCRIPTION

SEAD-024, located in the western portion of SEDA, is a closed 1.2-acre site. This site was used from the late 1940s to the early 1950s to burn black powder and propellants. Investigation shows heavy metals contamination in the soil.

This site is combined with SEAD-050, SEAD-054, and SEAD-067 for tracking purposes. SEAD-050/054 is RC.

The AMS Code is 61366R37.

CLEANUP/EXIT STRATEGY

The RI/FS and ROD will be completed in FY09. LTM includes site closeout documentation.

STATUS

Parcel: LRA 1/PID (21 acres)

Regulatory Driver: CERCLA

RRSE: HIGH

Program: BRAC-IRP

Contaminants of Concern: Metals, Polycyclic Aromatic Hydrocarbons (PAH), Volatiles (VOC)

Media of Concern: Groundwater, Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	199002.....	199102
SI.....	199106.....	199512
RI/FS.....	199503.....	200010
RD.....	199909.....	200510
RA(C).....	200502.....	200607
LTM.....	200608.....	204005

RIP Date: N/A

RC Date: 200607

SITE DESCRIPTION

For tracking purposes, SEAD-025 is combined with SEAD-026.

The Fire Training and Demonstration Pad (SEAD-025) 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 again 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 LUCs. This action was conducted in 2005.

The Fire Training Pit and Area (SEAD-026) is located in the southeastern portion of SEDA and covers approximately 8.2 acres. SEAD-026 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 FTA may have also been used for fire demonstrations. On-site soils have been impacted by elevated levels of PAHs and groundwater has been impacted by VOCs. As with SEAD-025, 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 RA which consisted of a soil removal was completed in FY06 and groundwater monitoring started.

The AMS Code is 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 cleanup conditions are met.

Site ID: SEAD-059

Site Name: FILL AREA WEST 135

STATUS

Parcel: NONE

Regulatory Driver: CERCLA

RRSE: HIGH

Program: BRAC-IRP

Contaminants of Concern: Metals, Semi-volatiles (SVOC)

Media of Concern: Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	199008.....	199307
SI.....	199310.....	199409
RI/FS.....	199503.....	200904
IRA.....	200109.....	200304
LTM.....	200909.....	203909

RIP Date: N/A

RC Date: 200904

SITE DESCRIPTION

SEAD-059 is a former fill area of about six acres located west of Building 135. It was used to dispose of concrete, asphalt, metal, wood, chain link fence, paint cans and 55-gallon drums.

A 2002 action memorandum outlined the objectives of the time critical removal action which included the removal of metal debris, paint cans and drums. The TCRA was conducted between September 2002 and November 2002.

An RI has been prepared which demonstrates that there is no unacceptable risk from this site for an industrial setting. A no digging restriction will be required for the excavated soil remaining on site and deposited on SEAD-005.

This site covers roughly two acres and allegedly was a paint disposal area located near Buildings 114 and 127.

For tracking purposes, SEAD-071 is combined with this site. The AMS Code is 61366R41. LUCs will become part of SEAD-027 ICs.

CLEANUP/EXIT STRATEGY

The FS will be followed by an IC PRAP and ROD in FY09. LTM includes site closeout documentation and maintenance of LUCs.

BRAC-IRP Schedule

Date of BRAC-IRP Inception: 197901

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-011	OLD CONSTRUCTION DEBRIS LANDFILL	SEAD 11 Old Construction Debris LF	20100130
SEAD-012	RADIOACTIVE BURIAL SITES (3)	SEAD 12 RAD site ROD	20100228
SEAD-072	BUILDING 803- MIXED WASTE STORAGE	SEAD 12 RAD site ROD	20100228

Final RA(C) Completion Date: 201009

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	FY10	FY11	FY12	FY13	FY14	FY15+	
SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD	PA							
		SI							
		RI/FS							
		RA(C)							
		LTM							
SEAD-005	SEWAGE SLUDGE WASTE PILES	PA							
		SI							
		RI/FS							
		IRA							
		LTM							
SEAD-006	ASH LANDFILL (SEAD-3,6,8,14,15)	PA							
		SI							
		RI/FS							
		RD							
		IRA							
		RA(C)							
		RA(O)							
LTM									
SEAD-009	MULT NFA SITES (OLD SCRAP WD PILE)	PA							
		SI							
		RI/FS							
		LTM							
SEAD-011	OLD CONSTRUCTION DEBRIS LANDFILL	PA							
		SI							
		RI/FS							
		IRA							
SEAD-012	RADIOACTIVE BURIAL SITES (3)	PA							
		SI							
		RI/FS							
		RA(C)							
LTM									

SENECA ARMY DEPOT ACTIVITY BRAC-IRP Schedule

SITE ID	SITE NAME	PHASE	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-013	IRFNA DISPOSAL SITE (6)	PA						
		SI						
		RI/FS						
		RA(C)						
		RA(O)						
		LTM						
SEAD-024	ABANDONED POWDER BURNING PIT	PA						
		SI						
		RI/FS						
		IRA						
		LTM						
		SEAD-025	FIRE TRAINING AND DEMO PAD	PA				
SI								
RI/FS								
RD								
RA(C)								
LTM								
SEAD-059	FILL AREA WEST 135	PA						
		SI						
		RI/FS						
		IRA						
		LTM						

BRAC-IRP Costs

Total Funding through FY2004: \$79,972.0 K
(Includes ER,A funding from FY04 and prior years.)

Prior Funding

FY	Phase	BRAC Round	Site ID	Obligations	FY Total
2005	IRA		SEAD-011	\$6,615.0 K	\$7,919.0 K
			RA(C)	SEAD-006	
	RI		SEAD-025	\$1,135.0 K	
			SEAD-005	\$15.0 K	
			SEAD-009	\$41.0 K	
			SEAD-012	\$46.0 K	
			SEAD-013	\$37.0 K	
2006	IRA		SEAD-121	\$300.0 K	\$810.0 K
	RI		SEAD-012	\$510.0 K	
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	\$56.5 K	
			SEAD-009	\$72.7 K	
			SEAD-024	\$35.4 K	
			SEAD-039	\$13.9 K	
			SEAD-121	\$50.0 K	
2008	LTM	BRAC IV	SEAD 005	\$9.0 K	\$559.0 K
			SEAD 009	\$9.0 K	
			SEAD 023	\$72.0 K	
			SEAD 039	\$9.0 K	
			SEAD 048	\$46.0 K	
			SEAD 059	\$9.0 K	
			SEAD 25	\$68.0 K	
			SEAD 27	\$9.0 K	
			SEAD24	\$46.0 K	
			RA-O	BRAC IV	
			SEAD 013	\$95.0 K	

TOTAL PRIOR FUNDING: \$89,874.8 K

Current Requirements

BRAC IV

FY	Phase	Site ID	Requirements	FY Total
2009	LTM	SEAD-005	\$9.0 K	\$667.0 K
		SEAD-006	\$8.0 K	
		SEAD-009	\$73.0 K	
		SEAD-011	\$55.0 K	
		SEAD-024	\$47.0 K	
		SEAD-025	\$46.0 K	

BRAC-IRP Costs

	SEAD-025	\$46.0 K
	SEAD-048	\$46.0 K
	SEAD-059	\$29.0 K
	SEAD-121	\$3.0 K
RA(O)	SEAD-006	\$192.0 K
	SEAD-013	\$113.0 K
TOTAL CURRENT REQUIREMENTS		\$667.0 K
Future Requirements - BRAC IV		\$7,180.0 K
Total Future Requirements		\$7,180.0 K
TOTAL PROGRAM COST:		\$97,721.8 K
(Includes ER,A funding from FY04 and prior years.)		

Required Cost-to-Complete

IRAC IV

SITE ID	SITE NAME							Out Yrs	Total	
ACTIVITY	Phase	FY10	FY11	FY12	FY13	FY14	FY15			
SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD									
	LTM				91				91	
								Site Total	91	
SEAD-005	SEWAGE SLUDGE WASTE PILES									
	LTM		61						61	
								Site Total	61	
SEAD-006	ASH LANDFILL (SEAD-3,6,8,14,15)									
	RA(O)	216	216	263	221	218	216		1622	2972
	LTM								521	521
								Site Total		3493
SEAD-009	MULT NFA SITES (OLD SCRAP WD PILE)									
	LTM	18	18	61	19	18	18		660	802
								Site Total		802
SEAD-012	RADIOACTIVE BURIAL SITES (3)									
	RI/FS									
	RA(C)	708								708
	LTM		77	15	8	6	3		96	207
								Site Total		915
SEAD-024	ABANDONED POWDER BURNING PIT									
	LTM	66	3							69
								Site Total		69
SEAD-025	FIRE TRAINING AND DEMO PAD									
	LTM	75	75	104	75	75	75		681	1160
								Site Total		1160
SEAD-059	FILL AREA WEST 135									
	LTM	84	18	17	17	17	21		415	589
								Site Total		589
Totals		1167	468	450	431	336	333		3995	7180
								Site Total		7180

Programmed Cost-to-Complete

BRAC IV

SITE ID	SITE NAME							Out Yrs	Total	
	Phase	FY10	FY11	FY12	FY13	FY14	FY15			
ACTIVITY										
SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD									
	LTM	0	0	0	91	0	0	0	91	
									Site Total	91
SEAD-005	SEWAGE SLUDGE WASTE PILES									
	LTM	0	61	0	0	0	0	0	61	
									Site Total	61
SEAD-006	ASH LANDFILL (SEAD-3,6,8,14,15)									
	RA(O)	216	216	263	221	218	216	1622	2972	
	LTM	0	0	0	0	0	0	521	521	
									Site Total	3493
SEAD-009	MULT NFA SITES (OLD SCRAP WD PILE)									
	LTM	18	18	51	19	18	18	660	802	
									Site Total	802
SEAD-012	RADIOACTIVE BURIAL SITES (3)									
	RI/FS									
	RA(C)	708	0	0	0	0	0	0	708	
	LTM	0	15	8	8	77	3	96	207	
									Site Total	915
SEAD-024	ABANDONED POWDER BURNING PIT									
	LTM	66	3	0	0	0	0	0	69	
									Site Total	69
SEAD-025	FIRE TRAINING AND DEMO PAD									
	LTM	75	75	104	75	75	75	681	1160	
									Site Total	1160
SEAD-059	FILL AREA WEST 135									
	LTM	84	18	17	17	17	21	415	589	
									Site Total	589
Totals										
		1167	406	443	431	405	333	3995	7180	
									Site Total	7180

SENECA ARMY DEPOT ACTIVITY

**Base Realignment and Closure
Military Munitions Response Program**

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BRAC-MMRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) BRAC Sites/Response Complete (RC)

BRAC Sites*: 13/9

Sites planned for RIP for FY2010

Site ID	Site Name	Month
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N/A

Sites planned for RC for FY2010

Site ID	Site Name	Month
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N/A

Installation Site Types with Future and/or Underway Phases*

- 1 Explosive Ordnance Disposal Area
(SEAD-002-R-01)
- 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 (MEC), Munitions constituents (MC), Semi-volatiles (SVOC)

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-001-R-01	DEACTIVATION FURNACES	FRA	INSTITUTIONAL CONTROLS	2008	TBD
SEAD-001-R-01	DEACTIVATION FURNACES	FRA	WASTE REMOVAL - SOILS	2008	TBD
SEAD-007-R-01	RIFLE GRENADE RANGE	IRA	REMOVAL	2008	TBD

Total BRAC-MMRP Funding

Prior Funding: \$11,183.4 K

Current Requirements: \$9.0 K

Future Requirements: \$21,843.0 K

Duration of BRAC-MMRP

Date of BRAC-MMRP Inception: 197905

Date for Remedy-In-Place (RIP)/Response Complete (RC): 201309/201309

Date of BRAC-MMRP completion including Long Term Management (LTM): 204309

*Note: This does not include sites closed prior to installation being identified as BRAC.

SENECA ARMY DEPOT ACTIVITY

Military Munitions Response Program

Site Descriptions

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Site ID: SEAD-001-R-01
Site Name: DEACTIVATION FURNACES

STATUS

Parcel: LRA 2A (14 acres)
Regulatory Driver: CERCLA
Program: BRAC-MMRP
MRSPP Score: No longer required
Contaminants of Concern: Metals, Semi-volatiles (SVOC)
Media of Concern: Soil
BRAC Round: BRAC IV

Phases	Start	End
PA.....	199901.....	200001
RI/FS.....	200010.....	200609
RD.....	200603.....	200705
RA(C).....	200603.....	200808
LTM.....	200810.....	203809

RIP Date: N/A
RC Date: 200808

SITE DESCRIPTION

Formerly SEAD-016/017, this site includes former and existing popping plants. The Abandoned Deactivation Furnace (SEAD-016), located in the east-central portion of SEDA, consists of 2.6 acres of fenced land with grasslands, a storage area and the building housing the deactivation furnace. The Active Deactivation Furnace (SEAD-017) is located adjacent to and southwest of SEAD-016 and consists of a deactivation furnace building surrounded by a crushed shale road.

Based on the ESI, an RI field program identified lead in building materials and soil and PAHs in the soil at SEAD-016. Lead concentrations in the soil at SEAD-016 were of concern. A final ROD was signed by the regulators on Sept. 29, 2006.

CLEANUP/EXIT STRATEGY

A contract is in place to take this site through to RC.

LTM includes LUCs, five-year reviews, and site closeout documentation.

STATUS

Parcel: LRA 3B (148.8 acres)

Regulatory Driver: CERCLA

Program: BRAC-MMRP

MRSP Score: Evaluation pending

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

Media of Concern: Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	200011.....	200306
RI/FS.....	200110.....	201009
IRA.....	200502.....	201009
LTM.....	201008.....	204009

RIP Date: N/A

RC Date: 201009

SITE DESCRIPTION

The East Explosive Ordnance Disposal (EOD) Ranges include EOD Range 2 and EOD Range 3. EOD Range 2 covers five 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.

CLEANUP/EXIT STRATEGY

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

LTM includes MEC monitoring.

Site Name: OPEN BURN/OPEN DETONATION GROUNDS

STATUS

Parcel: LRA 4A (364 acres)

Regulatory Driver: CERCLA

Program: BRAC-MMRP

MRSPP Score: Evaluation pending

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

Media of Concern: Groundwater, Soil

BRAC Round: BRAC IV

Phases	Start	End
PA.....	200111.....	200206
RI/FS.....	200208.....	201309
IRA.....	201003.....	201309
LTM.....	201309.....	204309

RIP Date: N/A

RC Date: 201309

SITE DESCRIPTION

The Army destroyed ammunition by detonation and OB at this site, which covers 364 acres and was in operation from 1948 through 1998. The OB ground consists of eight U-shaped earthen berms. The 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 a RCRA interim permitted site.

This site also encompasses SEAD-023, OB Grounds, where a CERCLA remediation was completed in 2003.

CLEANUP/EXIT STRATEGY

Interim MEC removal will be performed and any residual soil contamination will be addressed. The removal action will be followed by an IC PRAP/ROD. LTM includes groundwater monitoring (RCRA required), LUCs, five-year reviews, and site closeout documentation.

SENECA ARMY DEPOT ACTIVITY BRAC-MMRP Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-001-R-01	DEACTIVATION FURNACES	PA						
		RI/FS						
		RD						
		RA(C)						
		LTM						

SITE ID	SITE NAME	PHASE	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-002-R-01	EAST EOD RANGES	PA						
		RI/FS						
		IRA						
		LTM						

SITE ID	SITE NAME	PHASE	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-003-R-01	EOD RANGE T	PA						
		RI/FS						
		RD						
		RA(C)						
		LTM						

SITE ID	SITE NAME	PHASE	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-006-R-01	OPEN BURN/OPEN DETONATION GROUNDS	PA						
		RI/FS						
		IRA						
		LTM						

SITE ID	SITE NAME	PHASE	FY10	FY11	FY12	FY13	FY14	FY15+
SEAD-007-R-01	RIFLE GRENADE RANGE	PA						
		RI/FS						
		IRA						
		LTM						

BRAC-MMRP Costs

Total Funding through FY2004: \$4,324.0 K
 (Includes ER,A funding from FY04 and prior years.)

Prior Funding

FY	Phase	BRAC Round	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
2007	RD		SEAD-001-R-01	\$60.4 K	\$60.4 K
2008	LTM	BRAC IV	SEAD 002-R-01	\$2.0 K	\$4.0 K
			SEAD 007-R-01	\$2.0 K	

TOTAL PRIOR FUNDING: \$11,183.4 K

Current Requirements

BRAC IV

FY	Phase	Site ID	Requirements	FY Total
2009	LTM	SEAD-001-R-01	\$7.0 K	\$9.0 K
		SEAD-002-R-01	\$2.0 K	

TOTAL CURRENT REQUIREMENTS \$9.0 K

Future Requirements - BRAC IV \$21,843.0 K

Total Future Requirements \$21,843.0 K

TOTAL PROGRAM COST: \$33,035.4 K

(Includes ER,A funding from FY04 and prior years.)

Costs - Combined Requirements Spreadsheet

RAC IV

PROGRAM	SITE ID		SITE NAME					Out Yrs	Total
	Phase	FY10	FY11	FY12	FY13	FY14	FY15		
ACTIVITY									
IR	SEAD-004		MUNITIONS WASHOUT FACILITY LEACH FIELD						
	LTM				91				91
								Site Total	91
IR	SEAD-005		SEWAGE SLUDGE WASTE PILES						
	LTM		61						61
								Site Total	61
IR	SEAD-006		ASH LANDFILL (SEAD-3,6,8,14,15)						
	RA(O)	216	216	263	221	218	216	1622	2972
	LTM							521	521
								Site Total	3493
IR	SEAD-009		MULT NFA SITES (OLD SCRAP WD PILE)						
	LTM	18	18	51	19	18	18	660	802
								Site Total	802
IR	SEAD-012		RADIOACTIVE BURIAL SITES (3)						
	RI/FS								
	LTM		77	15	8	8	8	98	207
	RA(C)	708							708
								Site Total	915
IR	SEAD-024		ABANDONED POWDER BURNING PIT						
	LTM	66	3						69
								Site Total	69
IR	SEAD-025		FIRE TRAINING AND DEMO PAD						
	LTM	75	75	104	75	75	75	681	1160
								Site Total	1160
IR	SEAD-059		FILL AREA WEST 135						
	LTM	84	18	17	17	17	21	415	589
								Site Total	589
MR	SEAD-001-R-01		DEACTIVATION FURNACES						
	LTM			15	19	12	12	362	420
								Site Total	420
MR	SEAD-002-R-01		EAST EOD RANGES						
	LTM		2		2		2	20	26
	IRA								
	RI/FS								
								Site Total	26

Costs - Combined Requirements Spreadsheet

BRAC IV

PROGRAM	SITE ID	SITE NAME					Out Yrs	Total	
ACTIVITY	Phase	FY10	FY11	FY12	FY13	FY14	FY15		
MR	SEAD-003-R-01	EOD RANGE 1							
	LTM					2		102	
	RI/FS								
	RD		39					39	
	RA(C)		477					477	
								Site Total	620
MR	SEAD-006-R-01	OPEN BURN/OPEN DETONATION GROUNDS							
	LTM				146	135	137	2572	
	RI/FS	80	136	80				296	
	IRA	6545	5340	5465	115			17485	
								Site Total	20751
MR	SEAD-007-R-01	RIFLE GRENADE RANGE							
	LTM	2		2		2		20	
	RI/FS								
								Site Total	26
Totals									
		7794	6462	6012	713	487	484	7071	
								Site Total	29023

Costs - Combined Programmed Spreadsheet

RAC IV

PROGRAM	SITE ID	SITE NAME						Out Yrs	Total
ACTIVITY	Phase	FY10	FY11	FY12	FY13	FY14	FY15		
IR	SEAD-004	MUNITIONS WASHOUT FACILITY LEACH FIELD							
	LTM	0	0	0	91	0	0	0	91
								Site Total	91
IR	SEAD-005	SEWAGE SLUDGE WASTE PILES							
	LTM	0	61	0	0	0	0	0	61
								Site Total	61
IR	SEAD-006	ASH LANDFILL (SEAD-3,6,8,14,15)							
	RA(O)	216	216	263	221	218	216	1622	2972
	LTM	0	0	0	0	0	0	521	521
								Site Total	3493
IR	SEAD-009	MULT NFA SITES (OLD SCRAP WD PILE)							
	LTM	18	18	51	19	18	18	660	802
								Site Total	802
IR	SEAD-012	RADIOACTIVE BURIAL SITES (3)							
	RA(C)	708	0	0	0	0	0	0	708
	LTM	0	15	8	8	77	3	96	207
								Site Total	915
IR	SEAD-024	ABANDONED POWDER BURNING PIT							
	LTM	66	3	0	0	0	0	0	69
								Site Total	69
IR	SEAD-025	FIRE TRAINING AND DEMO PAD							
	LTM	75	75	104	75	75	75	681	1160
								Site Total	1160
IR	SEAD-059	FILL AREA WEST 135							
	LTM	84	18	17	17	17	21	415	589
								Site Total	589
MR	SEAD-001-R-01	DEACTIVATION FURNACES							
	LTM	0	0	15	19	12	12	362	420
								Site Total	420
MR	SEAD-002-R-01	EAST EOD RANGES							
	LTM	0	2	0	2	0	2	20	26
								Site Total	26
MR	SEAD-003-R-01	EOD RANGE 1							
	RD	0	39	0	0	0	0	0	39
	RA(C)	0	477	0	0	0	0	0	477
	LTM	0	0	0	0	2	0	102	104
								Site Total	620

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