

**Addendum # 3**

**Addressing  
SEADs 3, 6, 8, 14, and 15 (Ash Landfill)**

**To**

**Land Use Control Remedial Design  
For  
SEAD 27, 66, and 64A  
Seneca Army Depot Activity  
Romulus, New York**

00600



Seneca Army Depot Activity  
Addendum date: January 2009

**Addendum # 3**  
**Addressing**  
**3, 6, 8, 14, and 15 (Ash Landfill)**  
**to**  
**Land Use Control Remedial Design**  
**For**  
**SEADs 27,66,and 64a**  
**Seneca Army Depot Activity**  
**Romulus, New York**

**1. Purpose:** The purpose of this Addendum 3 to the “Land Use Control Remedial Design” (“LUC RD”) for Seneca Army Depot Activity (“SEAD”) is to further supplement the LUC RD in order to address land use controls required for five areas of concern at SEAD which are designated as SEAD 3, 6, 8, 14 and 18 and known as the Ash Landfill Operable Unit. Pursuant to a Record of Decision issued by EPA and the Army on January 21, 2005, a remedial action, including land use controls, was selected for the Ash Landfill Operable Units.

The initial LUC RD dated December 2006 was issued by the Army to address areas of concern SEAD 27, 66 and 64A, the SEAD Planned Industrial/Office Development and Warehousing Area.

Addendum # 1 to the LUC RD dated May 2007 was issued by the Army to supplement the LUC RD and to address areas of concern SEAD 25 (Fire Demonstration Pad) and SEAD 26 (Fire Training Area) as shown on Table 1 attached hereto.

Addendum #2 to the LUC RD dated September 2007 was issued by the Army to further supplement the LUC RD and to address areas of concern SEAD 13, 39, 40, 41, 43/56/69, 44A, 44B, 52, 62, 64B, 64C, 64D, 67, 122B, and 122E identified and shown on Table 1 attached hereto.

The AOCs that are the subject of this LUC RD, as amended are identified in table 1.

**2. LUC Objectives and Land Use Restrictions:**

The LUC Objectives for SEAD 3, 6, 8, 14, and 15 (Ash Landfill) are as set forth in the Record of Decision for the Ash Landfill Operable Unit signed on January 21, 2005 (“Ash Landfill ROD”). The Ash Landfill ROD required the establishment of the following land use controls:

- Prevent access or use of the groundwater until cleanup levels are met; and

- Maintain the integrity of any current or future remedial or monitoring system such as monitoring wells and impermeable reactive barriers;
- Prohibit excavation of the soil or construction of inhabitable structures (temporary or permanent) above the area of the existing groundwater plume; and
- Maintain the vegetative soil layer over the ash fill areas and the non combustible fill area (“NCFL”) to limit ecological contact.

The groundwater LUCs including remedial or monitoring system integrity maintenance will be continued until such time that the concentration of hazardous substances in the groundwater have been reduced to levels that allow for unlimited exposure and unrestricted use. Intrusive restrictions for those areas requiring a vegetative soil cover will continue until modified under Section 4 or terminated under Section 7 below. These land use controls will be implemented over the entire area of the AOC as shown on the attached Figures for Ash Landfill.

A map showing the location of the above AOCs is attached hereto as the Land Use Restriction Map for Ash Landfill (Figure 1 and 2). A map showing the location of the GW treatment walls is shown on Figure 3.

### **3. IMPLEMENTATION ACTIONS.**

The LUC RD Implementation Actions shall be implemented on SEADs 3, 6, 8, 14, and 15 (Ash Landfill) to prevent violations of the above LUC Objectives and Land Use Restrictions.

### **4. ENFORCEMENT**

The LUC RD Enforcement provisions shall apply to SEADs 3, 6, 8, 14, and 15 (Ash Landfill).

### **5. MODIFICATION**

The LUC RD Modification provisions shall apply to the SEADs 3, 6, 8, 14, and 15 (Ash Landfill).

### **6. SUPPLEMENTATION**

Paragraph 6 of the original LUC RD dated December 2006 is amended to permit the supplementation of the LUC RD to include all areas of concern at Seneca Army Depot Activity. As amended, the LUC RD is amended and supplemented to add these AOCs (i.e., SEAD-3, 6, 8, 14 and 15) to the LUC RD pursuant to this LUC RD Addendum #3.

## **7. TERMINATION**

The LUC RD Termination provisions shall apply to SEADs 3, 6, 8, 14, and 15 (Ash Landfill).

**Table 1**  
**Land Use Control Remedial Design**  
**Site Description / Title**

<b>SITE</b>	<b>DESCRIPTION</b>	<b>DOCUMENT</b>
SEAD 27-	STEAM JENNY PIT	REMEDIAL DESIGN <sup>1</sup>
SEAD 64A-	GARBAGE DISPOSAL AREA	REMEDIAL DESIGN
SEAD 66-	PESTICIDE STORAGE AREA	REMEDIAL DESIGN
SEAD 25-	FIRE DEMONSTRATION PAD	ADDENDUM 1 <sup>2</sup>
SEAD 26-	FIRE TRAINING AREA	ADDENDUM 1
SEAD 39 -	BUILDING 121 BOILER BLOW DOWN PIT	ADDENDUM 2 <sup>3</sup>
SEAD 40 -	BUILDING 319 BOILER BLOW DOWN PIT	ADDENDUM 2
SEAD 41-	BUILDING 718 BOILER BLOW DOWN PIT	ADDENDUM 2
SEAD 67 -	DUMPSITE EAST OF STP 4	ADDENDUM 2
SEAD 13 -	INHIBITED RED FUMING NITRIC ACID (IRFNA)	ADDENDUM 2
SEAD 64B-	GARBAGE DISPOSAL AREA	ADDENDUM 2
SEAD 64C-	RUMORED GARBAGE DISPOSAL AREA	ADDENDUM 2
SEAD 64D-	GARBAGE DISPOSAL AREA	ADDENDUM 2
SEAD 122B-	AIRFIELD SMALL ARMS RANGE	ADDENDUM 2
SEAD 122E-	DEICING LOCATIONS	ADDENDUM 2
SEAD 44A-	QUALITY ASSURANCE TEST LAB WEST	ADDENDUM 2
SEAD 44B-	QUALITY ASSURANCE TEST LAB	ADDENDUM 2
SEAD 43-	OLD MISSILE PROPELLANT TEST LAB	ADDENDUM 2
SEAD 56-	HERBICIDE AND PESTICIDE STORAGE	ADDENDUM 2

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<sup>1</sup> Remedial Design See "Sites Requiring Institutional Controls in the Planned Industrial/Office Development and Warehousing Areas ("PID/Warehouse Area")" ROD, 9/28/04 , Section 2 "Site Name Location, and Description"

<sup>2</sup> Addendum 1 see The Fire Training and Demonstration Pad (SEAD 25) and the Fire Training Pit and Area ( SEAD 26)ROD, 9/29/04, Section 2 "Site Name, Location, and Description"

<sup>3</sup> Addendum 2 see Seventeen SWMU Requiring Land Use Controls ( SEADs 13, 39, 40, 41, 43/56/69, 44A, 44B, 52, 62, 64B, 64C, 64D, 67, 122B, and122E) ROD, 07/03/07, Section 2 "Site Name, Location, and Description"

**SEAD 69- BUILDING 606 DISPOSAL AREA**

**ADDENDUM 2**

**SEAD 62- NICOTINE SULFATE DISPOSAL AREA**

**ADDENDUM 2**

**SEAD 52- AMMUNITION BREAKDOWN AREA**

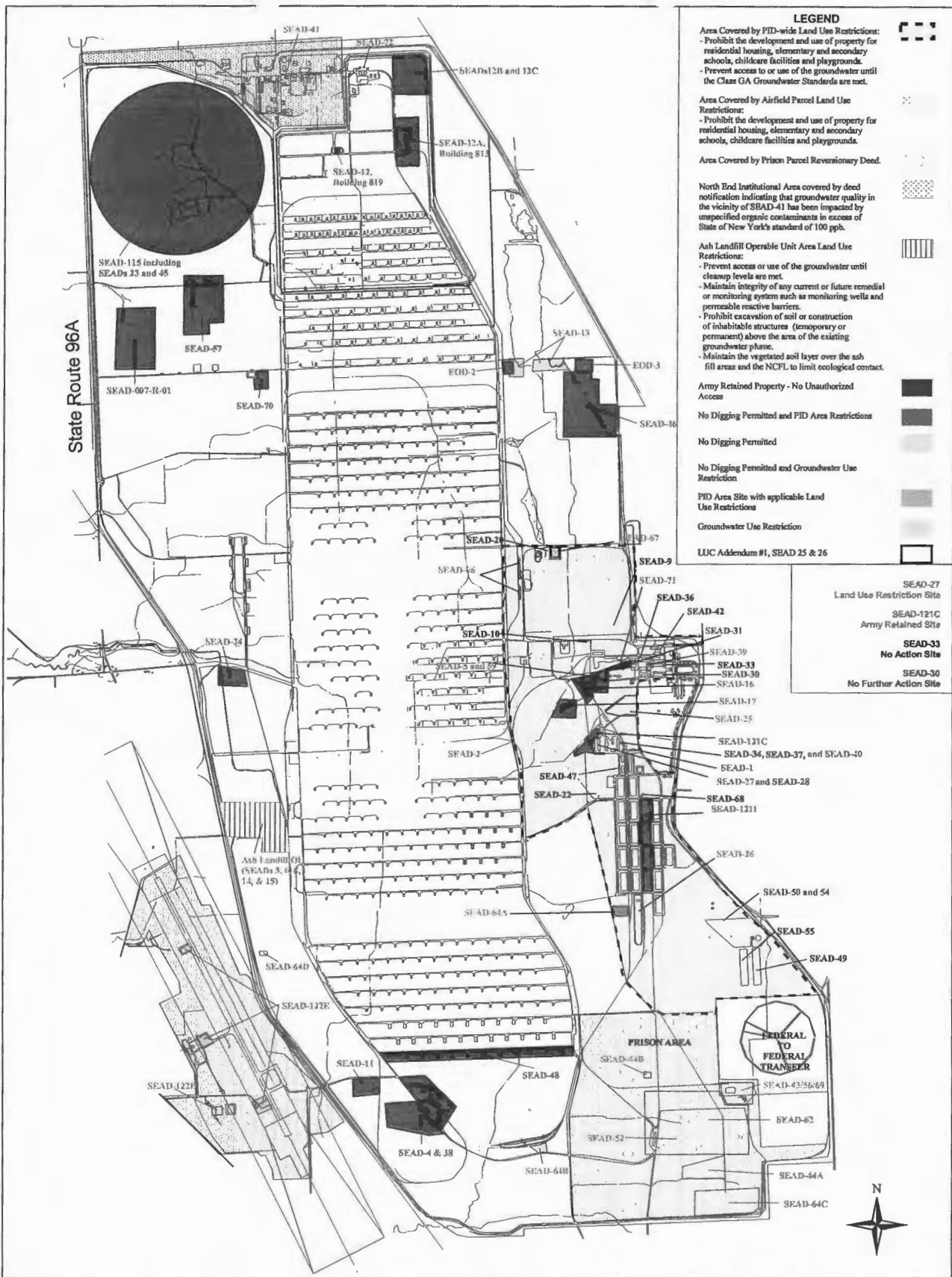
**ADDENDUM 2**

**ASH LANDFILL OPERABLE Unit  
( SEAD 3, 6, ,8, 14, and 15)**

**ADDENDUM 3<sup>4</sup>**

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<sup>4</sup> Addendum 3 see Ash Landfill Operable Unit, [REDACTED] Section 2 "Site Name, Location, and Description"



**Land Use Control, Remedial Design, Version**

1500 0 1500 3000 4500 6000 Feet

PID Area LUC Sites, SEADs 27, 64A, and 66

LUC Addendum #1, SEADs 25 and 26

LUC Addendum #2, SEADs 13, 39, 40, 41, 43/56/69, 44A, 44B, 52, 62, 64B, 64C, 64D, 67, 122B, and 122E

LUC Addendum #3, Ash Landfill Operable Unit SEADs 3, 6, 8, 14 and 15

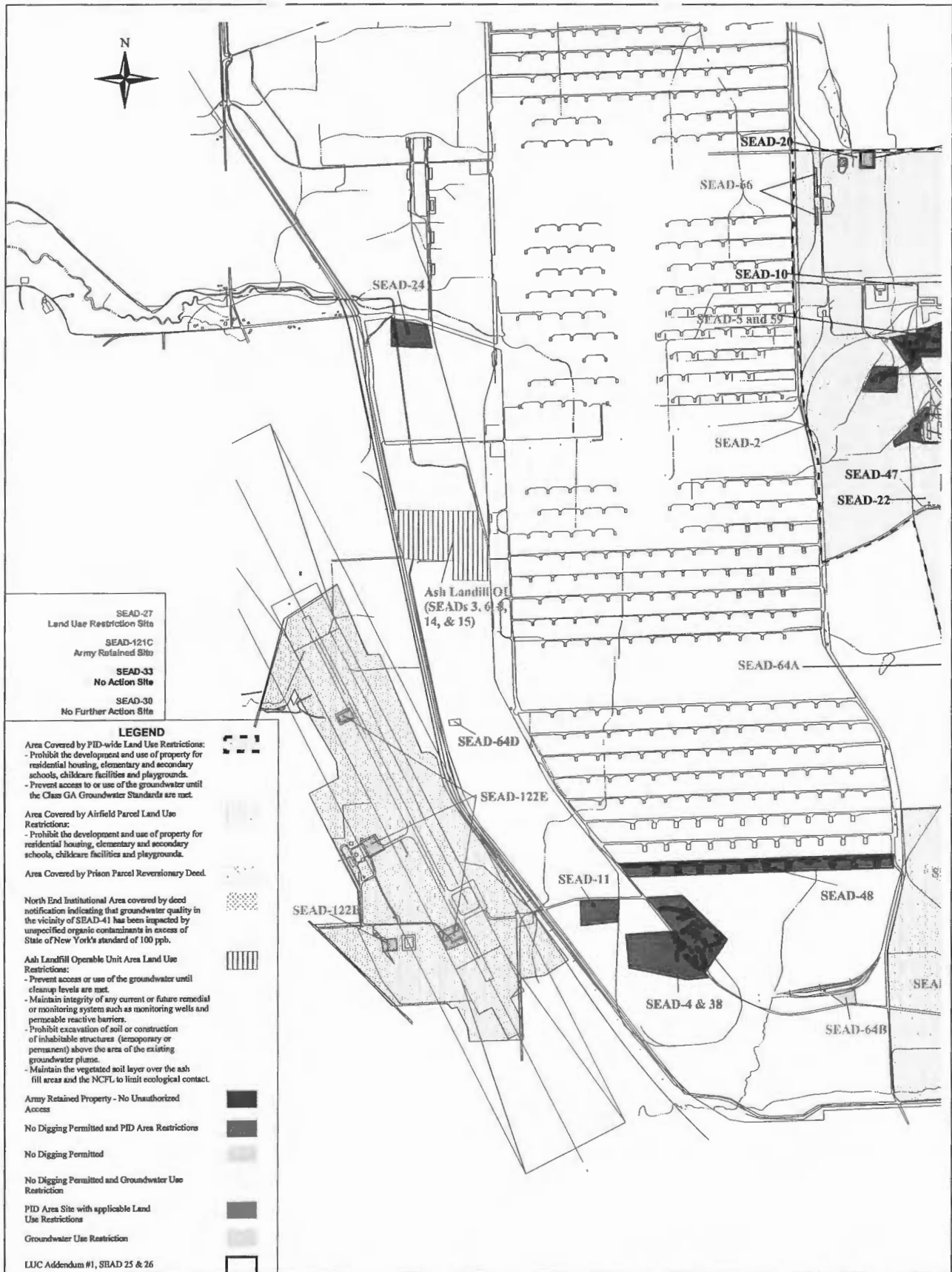


**PARSONS**

SENECA ARMY DEPOT ACTIVITY  
Remedial Design  
IC Implementation Plan - Addendum 3

FIGURE 1  
EXTENT OF SEDA  
LAND USE RESTRICTION

July 2008



**Land Use Control, Remedial Design, Version**

1000 0 1000 2000 3000 Feet

**PID Area LUC Sites, SEADs 27, 64A, and 66**

**LUC Addendum #1, SEADs 25 and 26**

**LUC Addendum #2, SEADs 13, 39, 40, 41, 43/56/69, 44A, 44B, 52, 62, 64B, 64C, 64D, 67, 122B, and 122E**

**LUC Addendum #3, Ash Landfill Operable Unit, SEADs 3, 6, 8, 14 and 15**

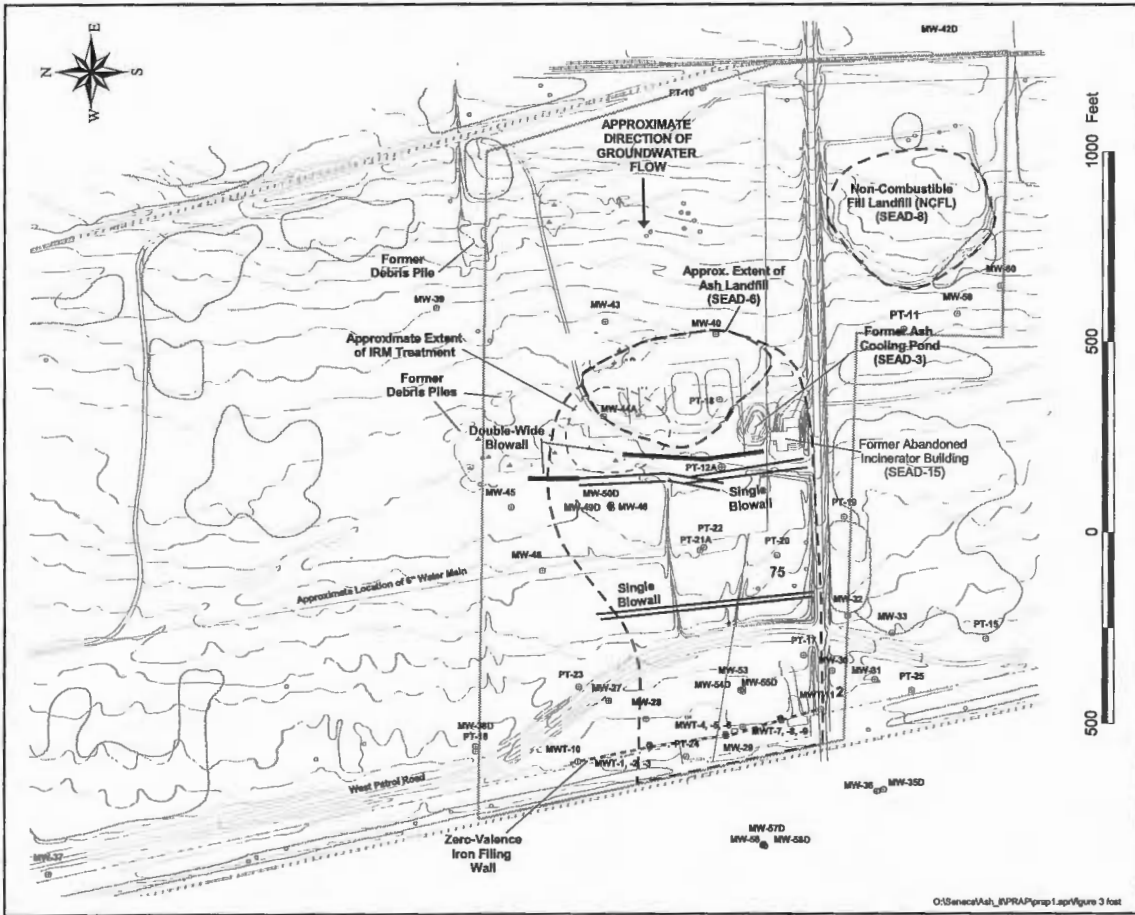


**PARSONS**

SENECA ARMY DEPOT ACTIVITY  
Remedial Design  
IC Implementation Plan - Addendum 3

FIGURE 2  
SEDA SOUTHWEST QUADRANT -  
EXTENT OF LAND USE  
RESTRICTION





### LEGEND

PAVED ROAD	
GROUND CONTOUR AND ELEVATION	
WETLANDS	
LOCATION OF FOREIGN TRASH PILES	
BULBS, BOXERS	
UNLIME FENCE	
UTILITY POLE	
FIRE HYDRANT	
MONITORING WELL AND IDENTIFICATION	MW-36
RAILROAD TRACKS	
6\"/>	
SINGLE WIDTH BLOWWALL	
DOUBLE-WIDE BLOWWALL	
ZERO VALENCE IRON FILLING WALL	
APPROX. AREA SURROUNDING LAND USE CONTROLS	
APPROX. EXTENT OF BSM SOIL TREATMENT	
APPROX. EXTENT OF OPERABLE UNIT	

**SENECA ARMY DEPOT ACTIVITY**  
Remedial Design  
IC Implementation Plan - Addendum 3

**FIGURE 3**  
**EXTENT OF ASH LANDFILL**  
**LAND USE CONTROLS**

DEC 2008

O:\Seneca\Ash\_NPRAP\map1.apr\Figure 3 foot

**New York State Department of Environmental Conservation**  
**Division of Environmental Remediation**  
**Remedial Bureau A**  
625 Broadway, 11<sup>th</sup> Floor  
Albany, New York 12233-7015  
**Phone:** (518) 402-9625 • **Fax:** (518) 402-9022  
**Website:** [www.dec.state.ny.us](http://www.dec.state.ny.us)



January 28, 2009

Mr. Stephen Absolom  
Chief, Engineering and Environmental Division  
Seneca Army Depot Activity (SEDA)  
5786 State Route 96  
Romulus, NY 14541-5001

Re: Seneca Army Depot Activity  
Site ID# 850006  
Addendum 3 - SEAD -3,6,8,14 and 15 (Ash  
Landfill ) to LUC RD for SEADs 27, 66, and  
64A.

Dear Mr. Absolom:

The New York State has reviewed the Addendum 3- SEAD - 3, 6, 8,14 and 15 (Ash  
Landfill ) to LUC RD for SEADs 27, 66, and 64A. dated January 27, 2009 and our comments  
have been satisfactorily addressed.

If you have any questions, please call me at (518)402-9620 or e-mail me at [kxgupta@gw.dec.state.ny.us](mailto:kxgupta@gw.dec.state.ny.us)

Sincerely



Kuldeep K. Gupta, P.E.  
Environmental Engineer  
Remedial Section C

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