





USACE – New York District
US Army, Engineering & Support Center
Huntsville, AL

Finding of Suitability to Transfer (FOST)

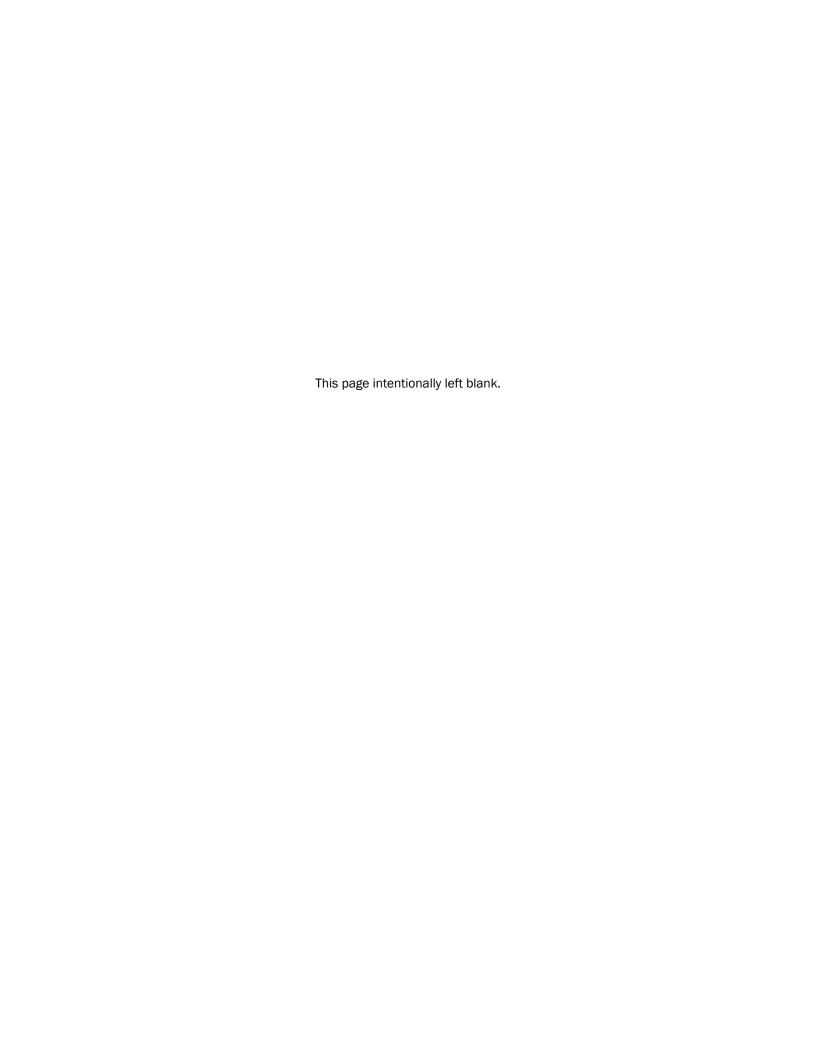
SEAD 12, SEAD 70 and Munitions Response Sites: SEAD 46, SEAD 002-R-01, SEAD 003-R-01 (SEAD 57), and SEAD 007-R-01

Seneca Army Depot Activity



Contract No. W912DY-08-D-0003 Task Order No. 13 EPA SITE ID# NY0213820830 NY Site ID# 8-50-006

June 2019



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List of Acronyms

ACRONYM	DEFINITION	ACRONYM	DEFINITION
ACM	Asbestos Containing Material	MD	Munitions Debris
AD	Army Depot	MEC	Munitions and Explosives of Concern
AOC	Area of Concern	MK	Mark
AST	Aboveground Storage Tank	MM	Millimeter
BRAC	Base Realignment and Closure	MPPEH	Material Presenting a Potential Explosive Hazard
CCR	Construction Completion Report	MRS	Munitions Response Sites
CD	Cultural Debris	MW	Monitoring Well
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	NEPA	National Environmental Policy Act
CERFA	Community Environmental Response Facilitation Act	NPL	National Priorities List
CFR	Code of Federal Regulations	NRC	Nuclear Regulatory Commission
DMM	Discarded Military Munitions	NY	New York
DOD	Department of Defense	NYSDEC	New York State Department of Environmental Conservation
EBS	Environmental Baseline Survey	OD	Open Detonation
ECL	Environmental Conservation Law	OSHA	Occupational Safety and Health Administration
ECP	Environmental Condition of Property	PAHS	Polyaromatic Hydrocarbons
EE/CA	Engineering Evaluation/ Cost Analysis	Parsons	Parsons Government Services, Inc.
EOD	Explosive Ordnance Disposal	PCB	Polychlorinated Biphenyl
EPA	Environmental Protection Agency	pCi/l	picoCuries per liter
EPP	Environmental Protection Provision	POLs	Petroleum, Oil, & Lubricants
ESI	Extended Site Investigation	PPM	Parts Per Million
FFA	Federal Facility Agreement	PR	Petroleum Release
FIFRA	Federal Insecticide Fungicide and Rodenticide Act	RAT	Radiological Assistance Team
FOST	Finding of Suitability to Transfer	RCRA	Resource Conservation and Recovery Act
FS	Feasibility Study	RI	Remedial Investigation
ft	Feet	ROD	Record of Decision
HR	Hazardous Release	RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine
HS	Hazardous Storage	SCIDA	Seneca County Industrial Development Agency
IRFNA	Inhibited Red Fuming Nitric Acid	SEAD 002-R- 01 & 007-R-01	EOD Training Areas 2&3 & Grenade Range
LAW	Light Antitank Weapons	SEAD-12	Radioactive Waste Burial Area
LBP	Lead Based Paint	SEAD-13	Inhibited Red Fuming Nitic Acids Disposal Site
LUC	Land Use Control	SEAD-46 & 57	Munitions Destruction Areas
MC	Munitions Constituents	SEAD-72	Mixed Waste Storage Building 803

ACRONYM DEFINITION

SEDA Seneca Army Depot Activity

SRI Supplemental Remedial Investigations
 SVOCs Semi-Volatile Organic Compounds
 SWMU Solid Waste Management Unit

TCE Trichloroethene
TNT 2,4,6-Trinitrotoluene

U.S. United States

UST Underground Storage Tank

USEPA United States Environmental Protection

Agency

UXO Unexploded Ordnance

VOCs Volatile Organic Compounds

FINDING OF SUITABILITY TO TRANSFER (FOST)

Seneca Army Depot Activity, New York Conservation/Recreation Area Parcels June 2019

1. PURPOSE

The purpose of this Finding of Suitability to Transfer (FOST) is to document the environmental suitability of several previously retained parcels within the Conservation/Recreation Area at Seneca Army Depot Activity (SEDA), for transfer to the Seneca County Industrial Development Agency (SCIDA) consistent with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 120(h) and Department of Defense (DoD) policy. In addition, the FOST includes the CERCLA Notice, Covenant, and Access Provisions and other Deed Provisions and the Environmental Protection Provisions (EPPs) necessary to protect human health or the environment after such transfer.

This FOST covers the properties previously retained in the original Conservation / Recreation Area FOST (September 2003) and reflects the completion of remedial activities and subsequent determination of suitability to transfer of five previously retained parcels.

2. PROPERTY DESCRIPTION

The property to be transferred consists of approximately 283 acres previously retained following the September 2003 Conservation/Recreation Area FOST to support the transfer of approximately 6800 acres at SEDA to the SCIDA. The 2003 Conservation Area FOST retained 14 sites pending completion of necessary remedial actions. The property to be transferred consists of four of these parcels where the Army has completed remedial investigation and remedial action and a fifth parcel where the Army has determined no remedial action is necessary. The subject properties include seven buildings/structures, roadways, fencing, a number of other land improvement items, and undeveloped land. The property was previously used for storage, inspection and maintenance of conventional and special weapons. The property is intended to be transferred for conservation and recreation use and is consistent with the intended reuse of the property as set forth in the Seneca Army Depot Reuse Plan and Implementation Strategy prepared for Seneca County. A site map of the property is attached (Enclosure 1) (hereinafter referred to as "Property"). A description of the buildings, structures and Property covered by this FOST is provided in Table 1 – Description of Property (Enclosure 3). Table 2-1 below shows a cross-walk of the areas as described in the original Conservation/Recreation Area FOST and their current site names.

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Table 2-1 Property Cross Walk

Current Property Title	Current Subarea Name	FOST Subarea	Parcel or Original FOST Name
SEAD 12 Parcel	SEAD 12A	SEAD 12A (Formerly SEAD 118A);	BRAC Parcel 53(5)HR
	SEAD 12B	SEAD 12B (Formerly SEAD 118B);	BRAC Parcel 98(6)PS/PR/HS/HR
	SEAD 12C; Buildings 813/814, 815, 816, 817	SEAD 12C (Formerly SEAD 118C); Buildings 813/814, 815, 816, 817	BRAC Parcel 98(6)PS/PR/HS/HR and Building Parcels 98-813Q, 98-814Q, 98-815Q, 98-816Q, 98-817Q
	SEAD 12-Building 819	SEAD 12; Building 819	BRAC Parcel 98-819Q
	SEAD 12-Buldings 804, 805	SEAD 12-Buldings 804, 805	BRAC Parcel 98(6)PS/PR/HS/HR and Building Parcel 98-804Q 98-805Q
	SEAD 12-Building 803	SEAD 72; Building 803	BRAC Parcel 98(6)PS/PR/HS/HR and Building Parcel 98-803Q
SEAD 46, the Small Arms Firing Range (Former 3.5-inch	SEAD 002-R-01	SEAD 118 (EOD 2 and 3)	BRAC Parcel 122 Q and 96(6)HR(P)
Rocket Range) and SEAD 002-R-01, East Explosive Ordnance	SEAD 13	SEAD 13	BRAC Parcel 96(6)HR(P) and 97(6)HR(P)
Disposal (EOD) Ranges (Former EOD Area 2 and EOD Area 3) Parcel	SEAD 46	SEAD 46	BRAC Parcel 122Q; Ammunition Destruction Area (SEAD 46)
SEAD 003-R-01 [SEAD 57], Explosive Ordnance Disposal (EOD) Range 1 Parcel	SEAD 003-R-01	SEAD 57	BRAC Parcel 104(6)PR/HS/HR; Ammunition Destruction Area (SEAD 57)
SEAD 70 Parcel	SEAD 70	SEAD 70	BRAC Parcel 104(6)PR/HS/HR; Fill Area next to building T-2110 (SEAD 70)
SEAD 007-R-01 Parcel	SEAD 007-R-01	SEAD 118 Grenade Range (EOD 1)	BRAC Parcel 127 Q

3. ENVIRONMENTAL DOCUMENTATION

A determination of the environmental condition of the property was made based upon the Community Environmental Response Facilitation Act (CERFA) Report, dated March 22, 1996, as amended on December 6, 1996, an Environmental Baseline Survey (EBS), dated March 12, 1997, as revised on December 3,1997, and an Environmental Condition of Property Report (ECP), dated 03 April 2019. The information provided is a result of a complete search of agency files during the development of these environmental surveys. A complete list of documents providing information on environmental condition of the Property is attached (Enclosure 2).

4. ENVIRONMENTAL CONDITION OF PROPERTY

The DoD Environmental Condition of Property (ECP) categories for the Property are as follows:

ECP Category 4: SEAD 12 Parcel; SEAD 46, the Small Arms Firing Range (Former 3.5-inch Rocket Range) and SEAD 002-R-01, East Explosive Ordnance Disposal (EOD) Ranges (Former EOD Area 2 and EOD Area 3) Parcel; SEAD 003-R-01 [SEAD 57], Explosive Ordnance Disposal (EOD) Range 1 Parcel; SEAD 70 Parcel; and SEAD 007-R-01 Parcel.

A summary of the ECP Categories for specific buildings or parcels are provided in Table 1- Description of Property (Enclosure 3).

4.1 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

Based on a review of existing records and available information, there was evidence that Munitions and Explosives of Concern (MEC) may be present on the property. The property was previously used for military munitions-related activities (e.g., EOD training, live fire of rifle grenades and Light Antitank Weapons (LAW) with training rounds only, and a function test range for 3.5-inch rocket motors) that could result in the presence of MEC. The term "MEC" means military munitions that may pose unique explosives safety risks including: (A) unexploded ordnance (UXO), as defined in 10 U.S.C. §101(e)(5); (B) discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (C) munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard. (32 CFR § 179.3).

A summary of the munitions response sites (MRS) on the Property is as follows: SEAD 46, the Small Arms Firing Range (Former 3.5-inch Rocket Range); SEAD 002-R-01, East Explosive Ordnance Disposal (EOD) Ranges (Former EOD Area 2 and EOD Area 3); SEAD 003-R-01 (SEAD 57), Explosive Ordnance Disposal (EOD) Range 1; and SEAD 007-R-01, Rifle Grenade Range.

Between May through November 16, 2006, the Army conducted a munitions response to remove MEC. The following Munitions Response Sites were investigated:

- SEAD 46 3.5 Inch Rocket Range, Function Test Range for 3.5-inch rocket motors;
- SEAD 003-R-01 (SEAD 57) Explosive Ordnance Disposal (EOD) training range;
- SEAD 002-R-01 (SEAD 118) EOD Areas 2&3, former EOD training ranges; and

• SEAD 007-R-01 (SEAD 118) – Grenade Range, practice range for familiarization and firing of rifle grenades and Light Anti-Tank Weapons.

Each site was mapped using digital geophysics and/or surveyed on transects with analog instruments, targets were identified and excavated, and items of concern were evaluated. It should be noted that the SEAD 46 parcel was not 100% mapped during the removal. Wooded areas at this site were cleared using mag and dig methods on 10-foot wide transects at 50-foot spacing. Results and conclusions of the munitions response removal actions indicate that there was evidence that MEC were previously present at SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01, and SEAD 007-R-01, and there remains a possibility that MEC may still remain. The remedy selected for the MRSs is implementation, maintenance, and monitoring of LUCs that prohibit the development or use of sites listed above for residential housing, elementary and secondary schools, childcare facilities or playgrounds. See *Final Record of Decision SEAD-46*, *SEAD 003-R-01 (SEAD-57)*, *SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70* dated March 2017 for additional information.

A copy of the Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 dated March 2017 is provided as Enclosure 10. A summary of MEC discovered on the property is provided in Table 4 – Notification of Munitions and Explosives of Concern (Enclosure 6). Given the property's past use, the deed will include the Table 4-Notification of MEC (Enclosure 6) and a MEC Notice (Enclosure 8).

4.2 ENVIRONMENTAL REMEDIATION SITES

SEAD 12 Retained Parcel: There were five remediation sites located on the property. A summary of the environmental remediation sites on the property is as follows: SEAD 12A, SEAD 12B, SEAD 12C (Buildings 813/814, 815, 816, 817), SEAD 12 – Building 819, and SEAD 12 – Building 803 (formerly SEAD 72-Building 803).

A portion of SEAD 12C around building 813/814 was not remediated to conditions suitable for unrestricted use. Property conditions are appropriate for the planned future use; protectiveness is provided through the use of land use controls (LUCs). The CERCLA Record of Decision (ROD) required land use controls (LUCs) for a portion of SEAD 12C to include groundwater use restrictions, building use restrictions (due to vapor intrusion risks), and residential housing and school restrictions within the LUCs area of SEAD 12C (Buildings 813/814 only). The Army finalized a Land Use Implementation Remedial Design Report (LUCRD) under the Federal Facilities Agreement. In accordance with the LUCRD, at the time of Property transfer, the Army will record an Environmental Easement implementing the appropriate LUCs. See the Environmental Easement (Enclosure 9). See: *Final Record of Decision the Radioactive Waste Burial Sites* (SEAD-12) and the Mixed Waste Storage Facility (SEAD-72) (Parsons, 2015) for additional information.

Also within SEAD-12, the Army designated Building 803 (former Mixed Waste Storage Facility) to store mixed chemical and radiological waste generated at SEAD prior to off-site shipment and subsequent disposal. As defined in Title 6 New York Codes, Rules, and Regulations (6 NYCRR) Part 373 this facility was designated as a RCRA unit in SEAD's New York State Part 373 Hazardous Waste Management Facility RCRA Permit Application and was a unit that remained regulated under RCRA interim status provisions (Facility Number NY0213820830). Final regulatory approval of the RCRA Closure Report was received in

June 2009. See: *Final RCRA Closure Report for the Mixed Waste Storage Facility, Building 803 (SEAD-72) (Parsons, 2005)*. A summary of the environmental remediation sites is provided in Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal (Enclosure 4).

SEAD 46 and SEAD 002-R-01 Retained Parcel: There were three remediation sites located on this parcel: SEAD 002-R-01(EOD-2 and EOD-3), SEAD 13, and SEAD-46. SEAD-13 was previously identified as BRAC Parcel 97(4)HR and is a CERCLA operable unit, not a munitions response site. SEAD 002-R-01 was formerly referred to as SEAD-118 (EOD 2 and EOD 3). The SEAD 002-R-01 and SEAD 13 portions of the parcel were not remediated to conditions suitable for unrestricted use; protectiveness is provided through the use of LUCs. The ROD required LUCs including groundwater use restrictions at SEAD 13 and residential use and intrusive activity restrictions within SEAD 002-R-01. See Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017) and the Final Decision Document – Mini Risk Assessment for SEAD 13, Inhibited Red Fuming Nitric Acid (IRFNA) disposal site (Parsons, 2004) for additional information. The Army finalized a LUCRD under the Federal Facilities Agreement. In accordance with the LUCRD, at the time of Property transfer, the Army will record an Environmental Easement implementing the appropriate LUCs. See the Environmental Easement (Enclosure 9). A summary of the environmental remediation sites is provided in Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal (Enclosure 4).

SEAD 003-R-01 Parcel: There was one remediation site located on this parcel which included only the SEAD 003-R-01 MRS formerly SEAD-57, the former Explosive Ordnance Disposal Area (EOD-1). The SEAD 003-R-01 property was not remediated to conditions suitable for unrestricted use; protectiveness is provided through the use of LUCs. The ROD required LUCs for residential use and intrusive activity restrictions within all of the SEAD 003-R-01 parcel. *See Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70* (Parsons, 2017) for additional information. The Army finalized a LUCRD under the Federal Facilities Agreement. In accordance with the LUCRD, at the time of Property transfer, the Army will record an Environmental Easement implementing the appropriate LUCs. See the Environmental Easement (Enclosure 9). A summary of the environmental remediation sites is provided in Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal (Enclosure 4).

SEAD 007-R-01 Parcel: There was one remediation site located on this parcel which included only the SEAD 007-R-01 MRS, formerly SEAD-118 (EOD-1). The SEAD 007-R-01 property was not remediated to conditions suitable for unrestricted use; protectiveness is provided through the use of LUCs. The ROD required LUCs for restrictions on residential use and intrusive activity within all of the SEAD 007-R-01 parcel. *See: Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70* (Parsons, 2017) for additional information. The Army finalized a LUCRD under the Federal Facilities Agreement. In accordance with the LUCRD, at the time of Property transfer, the Army will record an Environmental Easement implementing the appropriate LUCs. See the Environmental Easement (Enclosure 9). A summary of the environmental remediation sites is provided in Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal (Enclosure 4).

SEAD 70 Parcel: There was one remediation site located on this parcel which included only the SEAD – 70 Filled Area of Concern (AOC) adjacent to the former Building T-2100. Building T-2100 and filled area were

not included in the previous transfer. Building T-2110 was identified as a potential ordnance, ammunition, explosives and other warfare materials storage shed at the time of the 1998 Archives Search Report effort, but once site inspections and interviews were completed this area was dismissed from further consideration for munitions response action. The building was demolished prior to 2006 but after the 1998 ASR. The filled AOC is a kidney-shaped landfill that forms a flat topographic high. The landfill appears to originate near the former building and expand southeasterly. Based on the results of the SEAD-70 ESI risk assessment, the Army excavated soil from the area at SEAD-70 where the highest concentrations of arsenic in soil were previously identified as part of the work performed with the demolition of Building T-2110. Munitions and explosive materials related use of SEAD-70 were not identified during the investigations and data collected at this AOC. A risk assessment determined that available data for other hazardous substances, pollutants, and contaminants does not indicate a risk to any future receptors. Based on the absence of a MEC hazard and no known source of residual concentrations, future unlimited use and unlimited exposures is warranted at this AOC; the Army's final remedial decision for the site was no further action. All environmental soil and groundwater remediation activities at this site and on this Parcel have been completed. See Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017).

4.3 STORAGE, RELEASE, OR DISPOSAL OF HAZARDOUS SUBSTANCE

Hazardous substances were stored for one year or more on the property in excess of reportable quantities specified in 40 CFR Part 373 in the following buildings: 813, 814, 815, and 816. All hazardous substance storage operations have been terminated on the Property. No hazardous substances were released in excess of the 40 CFR 373 reportable quantities inside of the listed buildings. A summary of the buildings or areas in which hazardous substance activities occurred is provided in Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal (Enclosure 4). The CERCLA 120(h)(3) Notice, Description, and Covenant in Enclosure 7 will be included in the deed.

4.4 PETROLEUM AND PETROLEUM PRODUCTS

4.4.1 Underground and Above-Ground Storage Tanks (UST/AST)

- Current UST/AST Sites: There are no current UST/AST sites on the parcels.
- Former UST/AST Sites: There were 11 different underground or above ground storage tanks formerly used on the parcels. The USTs at buildings 804, 805, 813, 814, 815, 816, and 817 and one above-ground petroleum storage tank at Building 819 were removed or closed in place. At the time of the removal there was evidence of petroleum contamination at the following two UST sites: 815 and 816. The spill at Building 815 occurred in 1994 at the time of removal of the UST, fuel oil was spilled into the excavation. Contaminated soil was removed. Tank removal was approved and closed out by NYSDEC on 12/2/1994. No further remediation is required. At Building 816, contaminated soil was discovered in 1998 at the time of the UST removal (NYSDEC spill #9712296). The spill was closed out on 2/11/1998. No further remediation is required. A summary of the UST/AST petroleum product activities is provided in Table 3 Notification of Petroleum Products Storage, Release, or

Disposal (Enclosure 5).

4.4.2 Non-UST/AST Storage, Release, or Disposal of Petroleum Products

There is evidence of petroleum product storage or releases that may have been in excess of reportable quantities in the following areas:

- SEAD 12 (Radiological Waste Burial Sites) at BRAC Parcel 53(3)HR and BRAC Parcel 98(4) PS/PR/HS/HR. Soil at these sites was found to be contaminated with volatile organic compounds and military debris. The estimated date of release was 1956 to 1995.
- SEAD 72 Mixed Waste Storage Facility (BRAC Parcel 57(3)PS/PR/HR). The mixed waste consisted of radiological and solvent-wetted paper wipes (solvents that may have been used included isopropanol, Freon®, TCE, acetone, and toluene). The estimated date of release was 1956 to 1995.

These releases were subsequently remediated as part of the installation restoration program. A summary of the non-UST/AST petroleum activities is provided in Table 3 – Notification of Petroleum Products Storage, Release, or Disposal (Enclosure 5).

4.5 POLYCHLORINATED BIPHENYLS (PCB)

The following PCB-containing equipment are known to remain on the Property: two PCB-containing transformers remain at SEAD 003-R-01. This equipment was transferred to SCIDA under a separate Bill of Sale dated February 25, 2003, as part of the transfer of the electrical distribution system for the entire installation. At the time of transfer the equipment was operational, properly labeled in accordance with federal and state regulations. The transformers were not leaking at the time of transfer, there was no evidence of past leaks or leaks since transfer, and the transformers are currently not leaking.

4.6 ASBESTOS

There is asbestos-containing material (ACM) in Buildings 817 and 819. No abatement has occurred in either building. The ACM includes: gasket material around furnace stack blower and flexible duct connections in Building 817 and air cell pipe and fitting insulation and flooring tiles in Building 819 (Galson & Galson, 1988). The ACM acting as air cell pipe and fitting insulation in Building 819 is friable. No friable ACM was observed in Building 817. During a visual inspection in June 2018, ACM warning stickers were observed on the gaskets and duct connections within Building 817 and on the pipe insulation and flooring tiles within the east and west bays of Building 819. There was no evidence that previous surveys had investigated other rooms with the Building 819, therefore additional asbestos sampling was conducted in generator and boiler rooms located in the northeast and northwest corners of the building. ACM was confirmed in both of these locations.

There were ACM removals and encapsulation in the following buildings:

- Building 814 all identified ACM was removed in 1990.
- Building 815 all identified ACM was removed in 1992.

• Building 816 all identified ACM was removed in 1992.

The visual inspection conducted in June 2018 confirmed an ACM removal followed by encapsulation of the bare surfaces, had occurred in Buildings 815 and 816. Replacement fiberglass pipe insulation was observed and encapsulant was observed to have been applied to bare piping. Newer fiberglass insulation was observed in Building 814. No ACM warning stickers (like those observed in buildings 817 and 819) were observed in buildings 814, 815, or 816.

ACM surveys observed no ACM in Buildings 803 and 813. A visual inspection conducted in June 2018 confirmed that no ACM was likely present; however, no sampling was conducted, and elevated areas were not assessed.

Any remaining friable asbestos that has not been removed or encapsulated will not present an unacceptable risk to human health because the transferee assumes responsibility for abatement or management of any ACM in accordance with applicable federal, state, and local requirements. The deed will include an asbestos warning and covenants and the assumption of responsibility for asbestos abatement of the transferee (Enclosure 8).

4.7 LEAD-BASED PAINT (LBP)

Based on the age of the buildings (constructed prior to 1978), lead-based paint (LBP) is presumed to be present in all of the buildings covered by this FOST. The following buildings are presumed to contain LBP: Buildings 803, 813/814, 815, 816, 817, and 819. The properties were not used for residential purposes and the transferee does not intend to use the properties for residential purposes in the future. The deed will include a LBP warning and covenant.

4.8 RADIOLOGICAL MATERIALS

The following buildings were used for radiological activities: Building 803 was utilized for mixed waste storage; Buildings 815 and 816 were used for special weapons maintenance; and Building 819 was used for quality insurance (QA) inspection for special weapons maintenance. The Army conducted a radiological site assessment and concluded there is no evidence of any release of radiological materials at buildings 815 and 816. See *Final Radiological Survey Report – SEAD 12 Phase I and II Surveys* dated March 2003.

There was evidence of a release of radiological material at Building 803. The following actions were taken to remediate the radiological material:

• <u>Building 803</u>: As part of the SEAD-12 ESI and RI, Building 803 was scanned for radiological contamination using alpha, beta, and gamma radiation detection equipment. Wipe samples were also collected from the floor drains and vents in Building 803. The results of the scanning and wipe sample analysis indicate that Building 803 is compliant with the NYSDEC cleanup guideline (i.e., 10 millirems per year or mrem/yr) provided in the NYSDEC Cleanup Guidelines for Soils Contaminated with Radioactive Materials (DSHM-RAD-05-01). Elevated alpha and beta measurements were detected on one metal shelf in Room 6 during the building radiological survey. The Army sent the shelf for laboratory analysis of the contamination, and the laboratory in-turn disposed of the shelf accordingly.

All radioactive materials have been removed from the Property and the fill area at SEAD 12 was excavated. Radon contaminated paint, dials, and non-radioactive materials were disposed of properly. See the following reports for additional information:

- Final Record of Decision The Radioactive Waste Burial Sites (SEAD-12) and the Mixed Waste Storage Facility (SEAD-72) dated March 2015.
- Final Construction Completion Report, Removal Action at the Radiological Waste Burial Pit Site (SEAD-12), Seneca Army Depot Activity dated May 2012.
- Final Radiological Survey Report, SEAD 12 Phase 1 and 2 Surveys dated March 2003.
- Final RCRA Closure Plan, Building 803 Mixed Waste Storage Facility, SWMU #72 dated October 2005.
- Final Closure Report, Former Mixed Waste Storage Facility, Building 803 dated March 2010.

The Final Closure Report, Former Mixed Waste Storage Facility, Building 803, dated March 2010, confirmed that residual radiological material at Building 803 was cleared and concluded that no further action was required with respect to the radioactive materials identified. See *Final Closure Report*, *Former Mixed Waste Storage Facility*, *Building 803*, *March 2010*, for additional information.

4.9 RADON

Radon surveys were conducted in Buildings 803, 813, 814, 815, 816, 817 and 819 on the Property. In Building 803, Radon sampling showed one sample, at 12.1 pCi/l, which is above the EPA guidance of 4 pCi/l for air in habitable buildings. Following the radon detection and as part of the NRC final Status Survey Building 803 was surveyed as a Class I building due to its prior use. Upon the removal and disposal of a shelf with suspect radon paint, there were no other readings of concern.

4.10 OTHER PROPERTY CONDITIONS

There are no other hazardous conditions on the property that present an unacceptable risk to human health and the environment.

5. ADJACENT PROPERTY CONDITIONS

The Army identified one unremediated site which is located within 1,000 feet of the outer boundary of the property covered by this FOST. This site will continue to be owned and controlled by the Army pending completion of the environmental remediation. The site is described as follows:

• OD Grounds (SEAD 006-R-01; alias SEAD 45), BRAC parcel 104(6)PR/HS/HR. The OD Grounds is located approximately 800 ft north of SEAD 003-R-01 (alias SEAD 57). The OD Grounds was used to destroy munitions. Operations at the OD Grounds began circa 1941 when the Depot was first constructed and continued at regular intervals until circa 2000 when the military mission of the Depot ceased. Site investigations have delineated the approximate extent of the impacts. The impacts do not extend into the parcels of interest in this FOST. Location of this site is indicated within Enclosure 1.

The Army determined that this site was sufficiently investigated to identify the limits of contamination to establish an acceptable boundary. This site will be retained by the Army and delineation to prevent trespassing will be established. In addition, the Army has installed fencing, warning signs, or other protective measures to prevent unauthorized access. Additionally, the Army anticipates that munitions land use controls will be part of the final remedy for the OD Grounds.

The adjacent property to all other parcels was transferred in the Conservation Area parcel. The adjacent property, in this parcel, to the SEAD 12, SEAD 13, SEAD 70 parcels and the following MRS Sites, SEAD 002-R-01, SEAD-46, SEAD-002-R-01, and SEAD-007-R-01, was transferred as Category 1.

6. ENVIRONMENTAL REMEDIATION AGREEMENTS

The following environmental orders/agreements are applicable to the property: Federal Facility Agreement under CERCLA Section 120. All remediation activities on the property, required by such agreement are completed or in place and operating properly and successfully (See Section 4.1 Environmental Remediation Sites). The Environmental Easement that will be identified in the deed, will include a provision reserving the Army's right to conduct remediation activities (Enclosure 9).

7. REGULATORY/PUBLIC COORDINATION

The U.S. EPA Region II, the New York State Department of Environmental Conservation, and the public were notified of the initiation of this FOST. Regulatory/public comments received during the public comment period will be reviewed and incorporated, as appropriate. A copy of the regulatory/public comments and the Army Response will be included at Enclosure 11.

8. NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE

The environmental impacts associated with the proposed transfer of the property have been analyzed in accordance with the National Environmental Policy Act (NEPA). The results of this analysis are documented in the Environmental Impact Statement for BRAC 95 Disposal and Reuse of property at the Seneca Army Depot Activity dated March 1998 and the NEPA Record of Decision for the Disposal and Reuse of Seneca Army Depot Activity dated May 12, 1998. There were no encumbrances or conditions identified in the NEPA analysis as necessary to protect human health and the environment.

9. FINDING OF SUITABILITY TO TRANSFER

Based on the above information, I conclude that all removal or remedial actions necessary to protect human health and the environment have been taken and the property is transferable under CERCLA section 120(h)(3). In addition, all Department of Defense requirements to reach a finding of suitability to transfer have been met, subject to the terms and conditions set forth in the attached Environmental Protection Provisions that shall be included in the deed for the Property. The deed will also include the CERCLA 120(h)(3) Notice, Covenant, and Access Provisions and Other Deed Provisions. Finally, the hazardous substance notification (Table 2) shall be included in the deed as required under the CERCLA Section 120(h) and DoD FOST Guidance.

John E. Tesner
Acting Deputy Assistant Secretary of the Army,
Environment, Safety & Occupational Health
Date:

11 Enclosures

- Encl 1 -- Site Map of Property
- Encl 2 -- Environmental Documentation
- Encl 3 -- Table 1 -- Description of Property
- Encl 4 -- Table 2 -- Notification of Hazardous Substance Storage, Release, or Disposal
- Encl 5 -- Table 3 -- Notification of Petroleum Product Storage, Release, or Disposal
- Encl 6 -- Table 4 -- Notification of Munitions and Explosives of Concern
- Encl 7 -- CERCLA Notice, Covenant, and Access Provisions and Other Deed Provisions
- Encl 8 -- Environmental Protection Deed Provisions
- Encl 9 -- Environmental Easement
- Encl 10 -- Statement of MEC Removal
- Encl 11 -- Regulatory/Public Comments and Reponses

ENCLOSURE 1

SITE MAP OF PROPERTY

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ENCLOSURE 2

ENVIRONMENTAL DOCUMENTATION

- 1. SEDA Asbestos Management Plan dated January 28, 2003.
- 2. SEDA Radon surveys dated 1989, 1991, and 1994.
- 3. SEDA Bulk Petroleum Storage registration dated January 14, 2002.
- 4. SEDA Electrical Transformer PCB Survey dated February 1998.
- 5. New York State Department of Environmental Conservation (NYSDEC) Region 8 spill list.
- 6. SEDA Ordnance and Explosives Archives Search Report dated December 1998.
- 7. Appendix H of SEDA's Spill Prevention Control and Countermeasure Plan dated March 2002.
- 8. Final Investigation of Environmental Baseline Survey Non-Evaluated sites SEAD-199A, SEAD-122(A,B,C,D,E), SEAD-123(A,B,C,D,E,F), SEAD 46, SEAD-68, SEAD-120(A,B,C,D,E,F,G,H,I,J), and SEAD-121(A,B,C,D,E,F,G,H,I) dated May 1999.
- 9. The Solid Waste Management Unit (SWMU) Classification Report dated September 1994. (Parsons)
- 10. NEPA Record of Decision for the Disposal and Reuse of Seneca Army Depot Activity dated May 12, 1998.
- 11. Environmental Impact Statement for BRAC 95 Disposal and Reuse of Property at the Seneca Army Depot Activity, New York, March 1998 (TetraTech, Inc.)
- 12. Final Ordinance and Explosives Engineering Evaluation Cost Analysis (EE/CA) Report dated January 2004.
- 13. Final Radiological Survey Report- SEAD 12 Phase I and II Surveys dated March 2003.
- 14. Final Closure Report, Former Mixed Waste Storage Facility, Building 803 dated March 2010 Seneca Army Depot Activity NRC License Termination and License Release Plan dated January 2003.
- 15. Investigation of EBS Sites, Small Arms Range, Lake Shore Housing Area letter to the EPA dated September 23, 2002.
- 16. Decommissioning Survey Munitions Storage Igloos dated July 14, 1993.
- 17. Record of Decision "Radioactive Waste Burial Sites (SEAD 12) and the Mix Waste Storage Facility (SEAD 72) dated March 30, 2015.
- 18. Land Use Control Remedial Design Seneca Army Depot, Romulus, NY Addendum 6 addressing SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01, and SEAD 007-R-01 (Seneca AD Munitions Response Sites) dated July 17, 2017.
- 19. Expanded Site Investigation (ESI) Eight Moderately Low Priority AOCs SEADs 5, 9, 12 (A and B), 43, 56, 69, 44 (A and B), 50, 58, and 59 (Parsons Engineering Science, 1995).

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- 20. Final Remedial Investigation at the Radiological Waste Burial Sites (SEAD-12) (Parsons, 2002).
- 21. Final Supplemental Remedial Investigation (SRI) Report, Radiological Waste Burial Sites (SEAD-12) (Parsons, 2006).
- 22. Final Feasibility Study (FS) Report, Radiological Waste Burial Sites (SEAD-12) (Parsons, 2008).
- 23. Final Construction Completion Report (CCR), Removal Action at the Radiological Waste Burial Sites (SEAD-12) (Parsons, 2012).
- 24. Final Proposed Plan for Radiological Waste Burial Sites (SEAD-12) and Mixed Waste Storage Facility (SEAD-72) (Parsons, 2014).
- 25. Final Record of Decision the Radioactive Waste Burial Sites (SEAD-12) and the Mixed Waste Storage Facility (SEAD-72) Seneca Army Depot Activity (Parsons, 2015).
- 26. Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and Sead-70. Seneca Army Depot Activity (Parsons, 2017).
- 27. Completion Report, Munitions Response and CERCLA Closure, SEAD-46, SEAD-57, SEAD 002-R-01, and SEAD 007-R-01, Seneca Army Depot Activity (Parsons, 2009a).
- 28. Remedial Investigation Report, SEAD-46 and SEAD-57, Seneca Army Depot Activity (Parsons, 2001).
- 29. Expanded Site Inspection, Three Moderate Priority SWMUs, SEAD 11, 13, and 57, Seneca Army Depot Activity, Final (Parsons, 1995).
- 30. U.S. Army Base Realignment and Closure 95 Program, Environmental Baseline Report, March 12,1997 (Woodward-Clyde, 1997).
- 31. Seneca Army Depot Activity, Final Decision Document- Mini Risk Assessment for the Inhibited Red-Fuming Nitric Acid (IRFNA) Disposal Site (SEAD-13) dated July 2004.
- 32. Closure Plan for Former RCRA Unit Building 803 Mixed Waste Storage Facility Solid Waste Management Unit SEAD-72, October 2005. Final (Parsons, 2005).
- 33. Construction Completion Report, Removal Action at the Radiological Waste Burial Pit Site (SEAD-12), Seneca Army Depot Activity, May 2012. Final (Parsons, 2012).

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ENCLOSURE 3

TABLE 1 – DESCRIPTION OF PROPERTY

Building Number and Property Description	EBS Parcel Designation	Condition Category	Remedial Actions
SEAD 12 (Radiological Waste Burial Sites)	BRAC Parcel 53(3) HR and BRAC Parcel 98 (4) PS/PR/HS/HR	4	Approximately 239 cubic yards of material was removed and treated at the area around MW 12-37. Confirmation testing shows that the VOCs contamination remained under the building 813. See the Final Supplemental Remedial Investigation Report, Radioactive Waste Burial Sites (SEAD-12), dated October 2006 for more details. Between July and November of 2009, the Army excavated approximately 5,400 cubic yards of soil, debris, and fill from four excavations within the footprints of burial pits A, B, and C. Approximately 5,400 tons of waste and debris was transported to an off-site landfill for disposal as cover material with mixed debris, 122 tons of assorted scrap metals were recycled at a metal recycling facility, and 13.25 tons of military-related items were secured by the Army, demilitarization confirmed, and disposed of at an off-site permitted disposal facility. The Final ROD for SEAD 12 was issued March 2015 and the state indicated concurrence with LUCs, which will be implemented through recording of an Environmental Easement against the site at the time of transfer. The site does not pose an unacceptable risk to human health.
Building 813 – Shop/paint booth, 4,348 square feet			Possible LBP exterior and interior. Heating fuel oil storage, see Table 3. Hazardous substance storage, see Table 2.
Building 814 – General purpose storage, 3,582 square feet			Possible LBP exterior and interior. Asbestos Floor tile removed. Heating fuel oil storage, see Table 3. Hazardous substance storage, see Table 2.
Building 815 – Special weapons maintenance, 11,072 square feet			Possible LBP exterior and interior. Asbestos pipe insulation and floor tile removed. Special Weapons, see Table 2. Heating fuel oil storage, see Table 3. Hazardous substance storage, see Table 2.
Building 816 – Heat plant, 15,373 square feet			Possible LBP exterior and interior. Asbestos flexible air duct connections removed. Heating fuel oil storage, see Table 3.

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Building Number and Property Description	EBS Parcel Designation	Condition Category	Remedial Actions
Building 817 – Special weapons maintenance, 944 square feet			Possible LBP exterior and interior. Asbestos flexible air duct connections and gaskets. Heating fuel oil storage, see Table 3.
Building 819 – Weapon Assembly, 8,267 square feet	98(6)PS/PR/HS/ HR	4	Possible LBP exterior and interior. Asbestos pipe insulation and flooring tiles. Heating Oil and Diesel Storage, see Table 3
(Building 803 – Mixed Waste Storage Facility (SEAD 72 under Interim Status Hazardous Waste Permit), 2,803 square feet			SEAD 72 (Mixed Waste Storage Building 803) - This AOC is approximately 0.05 acres. This facility was permitted under interim status to store mixed waste. Between July and November of 2009, the Army implemented the Final Closure Plan for Former RCRA Unit Building 803 – Mixed Waste Storage Facility Solid Waste Management Unit – SEAD-72, dated October 2005. This facility was clean closed at this time. The Final ROD for SEAD 72 was issued March 2015 and the EPA indicated concurrence with no further action in a letter dated March 30, 2015.
SEAD 70 – Building T-2110 Filled Area	BRAC Parcel 104(6)PR/HS/HR	4	SEAD 70- Building T-2110 was a fill area that had been used to dispose of construction debris. An investigation of this site revealed that sediment in the surrounding wetland and the soils which comprise the landfill material had been impacted by moderate releases of polyaromatic hydrocarbons (PAHS) (in the sediment) and arsenic (in the soil). All environmental soil and groundwater remediation activities on the site have been completed. The Final ROD for SEAD 70 was issued March 2017. The EPA and NY State indicated concurrence with no further action in letters dated April 27, 2017 and March 30, 2017, respectively.
SEAD 46 – 3.5-inch Rocket Range		4	SEAD 46 was used as a function test range for 3.5-inch rocket motors. Munitions Responses removed 2,054 targets, none of which were classified as MEC, 16 items were classified as MPPEH but were determined to be MD after perforating, 585 items were munitions debris and 1,009 items were classified as cultural debris. The results of the soil analysis showed that heavy metals and SVOCs exist above background levels but were below the unrestricted levels. The Final ROD for SEAD 46 was issued March 2017. The EPA and NY State indicated concurrence with LUCs. The conservation/recreational use of the site in accordance with the Environmental Easement will not pose an unacceptable risk to human health.

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Building	EBS Parcel	Condition	Remedial Actions
Number and	Designation	Category	remedial rectons
Property			
Description		4	
SEAD 003-R-01 (SEAD 57) – Explosives Ordnance Disposal (EOD) Range 1		4	SEAD 003-R-01 was the former EOD Area used to perform ordnance and explosives disposal and training with conventional ammunition and explosives weighing less than 5 lbs. Munitions Responses removed 7,485 targets of which 2 were classified as MEC, 47 items were classified as MPPEH but all but the two MEC above were determined to be MD after perforating, 3,294 items were MD and 4,623 items were classified as cultural debris. The results of the soil analysis showed that heavy metals and SVOCs exist above background levels but were below the unrestricted levels. The Final ROD for SEAD 003-R-01 (SEAD 57) was issued March 2017 and the EPA and state indicated concurrence with LUCs. The conservation/recreational use of the site in accordance with the Environmental Easement will not pose an
			with the Environmental Easement will not pose an unacceptable risk to human health.
SEAD 002-R-01 – East Explosive Ordnance Disposal Ranges		4	SEAD 002-R-01 includes two separate areas, East EOD Range #2 (3 acres) and East EOD Range #3 (4 acres). Both areas were used for training of EOD units. In May – November 2006, a munitions response was performed at this former range. During this response, 313 items were recovered and disposed of. No MEC was found, 2 MPPEH items were discovered and classified as MD following explosive venting. In total, 8 items were determined to be MD and 256 were determined to be cultural debris. (See Munitions Response Report dated Mar 2007)
SEAD 007-R-01 – Rifle Grenade Range		4	This 30-acre grenade range was used for training with 40mm grenade launchers and Light Antitank Weapons (LAW). All training was accomplished with training rounds. In May – November 2006, a munitions response was performed at this former range. During this response, 1897 items were recovered and disposed of. 218 MPPEH items were detected related to the M73 Practice LAW Rocket and 40mm Practice Grenade. M73 Practice Rockets potentially contain small, smoke emitting, bursting charges. When the munition is intact it cannot be determined if it still contains the bursting charge, so all M73 Practice LAW rockets that could contain the charge were detonated to render them inert. In addition to the MPPEH items, 710 of these items were determined to be munition debris, and 969 were determined to be cultural debris.
SEAD 13 Inhibited Red Fuming Nitric Acids Disposal Site,	96(6)HR(P) and 97(6)HR	4	An ESI conducted at the SWMU indicates that impacts to the groundwater have occurred at this site. This SWMU was classified as a Moderate Priority AOC. Natural

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Building Number and Property Description	EBS Parcel Designation	Condition Category	Remedial Actions
~6 acres			Attenuation of the Ground Water. Access and use of groundwater is prohibited until groundwater nitrate concentration is remediated down from 731mg/L to 10 mg/L or below. See "Final Decision Document- Mini Risk Assessment for SEAD 13, Inhibited Red Fuming Nitric Acid (IRFNA) disposal site dated July 2004 for additional information. This site is a CERCLA operable unit and not a munitions response site.

Category 1: Areas where no release or disposal of hazardous substances or petroleum products has occurred. (including no migration of these substances from adjacent areas)

Category 2: Areas where only release or disposal of petroleum products has occurred.

Category 3: Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

Category 4: Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.

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ENCLOSURE 4

TABLE 2 – NOTIFICATION OF HAZARDOUS SUBSTANCE STORAGE, RELEASE OR DISPOSAL

Building / Site	Name of Hazardous	Date of Storage, Release, or Disposal	Remedial Actions
Number SEAD 12	Substance(s) Soil contaminated	1956- 1995	This site is approximately 45.75 acres. Approximately 239 cubic yards of
	with volatile organic compounds and military debris.		material was removed and treated at the area around MW 12-37. See the Final Supplemental Remedial Investigation Report, Radioactive Waste Burial Sites (SEAD-12) dated October 2006 for more details.
			Also, approximately 5,400 cubic yards of soil, debris, and fill from four excavations within the footprints of burial pits A, B, and C was excavated and transported to an off-site landfill for disposal as cover material; 122 tons of assorted scrap metals were recycled at a metal recycling facility; and 13.25 tons of military-related items were secured by the Army, demilitarization confirmed, and disposed of at an off-site permitted disposal facility. See the SEAD-12 Construction Completion Report dated 2012 (Parsons) for additional information. The Final ROD for SEAD 12 was issued March 2015. The EPA and NY State indicated concurrence with LUCs, as set forth in an Environmental Easement against the site. See additional detail on SEAD 12
			Buildings below.
SEAD 12C; Building 813	Lead-based paints, chromate-based paints, and solvents.	Building contained a paint booth and sand blasting booth from 1957 to 1993. There is no evidence of releases or disposals inside the building.	No remedial action required.

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Building / Site Number	Name of Hazardous Substance(s)	Date of Storage, Release, or Disposal	Remedial Actions
SEAD 12C: Building 814	Solvents, POLs, lead-based paints, chromate-based paints, acids, and heavy metals.	Building was used to store hazardous substances used in the paint and sand blasting booths located in building 813 from 1957 to 1993. There is no evidence of releases or disposals inside the building.	No remedial action required.
SEAD 12C: Building 815	U235, U238, Pu239, H3, Co60, Pm147, Ra226, solvents, heavy metals, acids, asbestos, lead-based paints, and chromate-based paints.	Building was used for inspection and testing of mechanical and electrical systems and the maintenance of special weapons, which included the use of hazardous substances from 1957 to 1993. There is no evidence of releases or disposals inside the building.	
SEAD 12C: Building 816	U235, U238, Pu239, H3, Co60, Pm147, Ra226, solvents, heavy metals, acids, asbestos, lead-based paints, and chromate-based paints.	Building was used for inspection and testing of mechanical and electrical systems and the maintenance of special weapons which included the use of hazardous substances from 1957 to 1993. There is no evidence of releases or disposals inside the building.	No remedial action required.
SEAD 12: Building 819	Ra226, U235, U238, Co60, Pu239, H3, di-isocynates, heavy metals, acid, lead-based paints, chromate-based paints, solvents, and asbestos	which included the use of hazardous substances. There is no evidence of releases or disposals inside the building except for an elevated gamma sample in a single leastion in the vicinity of	One gamma scanning reading was detected above the flag value of twice background. This reading was detected in the vicinity of Building 819 in a localized area approximately 1 foot in diameter in the eastern lawn area. This localized area was sampled and subsequently excavated in December of 1997 by the onsite Army Radiological Assistance Team (RAT).
SEAD 72	The mixed waste consisted of solvent-wetted paper wipes (solvents that may have been used included isopropanol, Freon®, TCE, acetone, and toluene);		This site is approximately 0.05 acres. Between July and November of 2009, the Army implemented the Final Closure Plan for Former RCRA Unit Building 803 – Mixed Waste Storage Facility Solid Waste Management Unit – SEAD-72, dated October 2005. This facility was clean closed in 2009. Radon sampling showed 1 sample, at 12.1 pCi/l, which is above the EPA guidance of 4 pCi/l for air in habitable buildings. Following the radon detection, Building 803 was surveyed as a Class I building

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Building / Site Number	Name of Hazardous Substance(s)	Date of Storage, Release, or Disposal	Remedial Actions
Tumoer			due to its prior use. Upon the removal and disposal of a shelf with suspect radon paint, there were no other readings of concern. See <i>Final Closure Report, Former Mixed Waste Storage Facility, Building 803</i> , March 2010, for additional information.
SEAD 13	Nitrate contamination in ground water	1960's	Remedial Action- Natural Attenuation of the ground water. Access and use of groundwater is prohibited until groundwater nitrate concentration is remediated to 10 mg/L or below. See Final Decision Document- Mini Risk Assessment for SEAD 13, Inhibited Red Fuming Nitric Acid (IRFNA) Disposal Site (Parsons, 2004) for additional information.
SEAD 46	Semi volatile Organic compounds and Heavy metals in soil	1942-1995	Army Explosive Ordnance Detachments used sites for training with explosive materials. Remedial Action- none required. Several SVOCs and heavy metals were found to be above back background levels but below EPA and NY State unrestricted standards. See <i>Final Record of</i> Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017) for additional information.
SEAD 57	Semi volatile Organic compounds and Heavy metals in soil	1942-1995	Army Explosive Ordnance Detachments used sites for training with explosive materials. Remedial Action- none required. Several SVOCs and heavy metals were found to be above background levels but below EPA and NY State unrestricted standards. See Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017) for additional information.
SEAD 002- R-01	SVOCs and metals in soil	1942-1995	Army Explosive Ordnance Detachments used sites for training with explosive materials. Remedial Action- none required. Several heavy metals were found to be above

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Building / Site	Name of Hazardous	Date of Storage, Release, or Disposal	Remedial Actions
Number	Substance(s)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			background levels and NY State
			unrestricted standards; however, no
			COCs were identified to indicate
			unacceptable risks to human health or
			the environment. See Final Record of
			Decision SEAD-46, SEAD 003-R-01
			(SEAD-57), SEAD 002-R-01 and SEAD
			007-R-01 (Seneca AD Munitions
			Response Sites) and SEAD-70 (Parsons,
			2017) for additional information.

^{*} The information contained in this notice is required under the authority of regulations promulgated under section 120(h) of the Comprehensive Environmental Response, Liability, and Compensation Act (CERCLA or 'Superfund') 42 U.S.C. §9620(h). This table provides information on the storage of hazardous substances for one year or more in quantities greater than or equal to 1,000 kilograms or the CERCLA reportable quantity for the hazardous substance (whichever is greater). In addition, it provides information on the known release of hazardous substances in quantities greater than or equal to the substances CERCLA reportable quantity. See 40 CFR Part 373.

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ENCLOSURE 5

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
		Removed/Closed in Place UST	s and ASTs
SEAD 12; Building 804	N/A	5,000-gallon concrete UST operated from approx. 1957 to 1962.	No known releases. Sampling results were negative. The UST was closed and filled in place.
SEAD 12; Building 805	#2 Fuel oil	1,000-gallon UST operated from 1956 to 1997	No known releases. The UST was removed on 04/04/1997 and was not replaced.
SEAD 12C; Building 813	#2 Fuel oil	2,000-gallon UST operated from 1957 to 1990	No known releases. In 1990, the UST was removed and replaced with a 2,500-gallon UST (subsequently removed in 2004).
	#2 Fuel oil	2,500-gallon UST operated from 1990 to 1996	No known releases. UST was removed and not replaced 8/24/2004.
SEAD 12C; Building 814	#2 Fuel oil	500-gallon UST operated from 1957 to 1990	No known releases. In 1990, the UST was removed and not replaced. Fuel oil was then supplied by the 2,500-gallon UST located at building 813.
SEAD 12C; Building 815	#2 Fuel oil	3,000-gallon UST operated from 1957 to 1994	In 1994, UST was removed and not replaced. At the time of removal fuel oil was spilled into the excavation. Contaminated soil was removed. Tank removal was approved and closed out by NYSDEC on 12/2/1994. No further remediation required.
SEAD 12C; Building 816	#2 Fuel oil	3,000-gallon UST operated from 1983 to 1994	In 1998, UST was removed and not replaced. At the time of removal contaminated soil was discovered. NYSDEC spill #9712296. Spill was closed out on 2/11/1998. No further remediation required.
SEAD 12C; Building 817	#2 Fuel oil	1,000-gallon UST operated from 1959 to 1994	No known releases. UST was removed and not replaced in 4/3/1997.

Enclosure 5 Page 1 of 2

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
SEAD 12- Building 819	#2 Fuel oil	3,000-gallon UST operated from 1957 to 1996	No known releases. In 1996, UST was removed and replaced with a 1,000-gallon AST (subsequently removed in 1997).
	#2 Fuel oil	1,000-gallon AST operated from 1996 to 1997	No known releases. AST was removed and not replaced 1/1/1997.
	diesel	10,000-gallon UST operated from 1981 to 1997.	No known releases. UST was removed and not replaced 8/1/1997.

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ENCLOSURE 6

TABLE 4 – NOTIFICATION OF MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)*

Site	Type of MEC	Date of MEC Activity	Munitions Response Actions
SEAD 002- R-01 EAST EOD Range #2 (Formerly SEAD 118 BRAC parcel 122Q)	One fuze with booster	1940 – 1960	The one-acre East EOD Range was used for training of the EOD units. In May – Nov 2006, a munitions response was performed at this former range. During this response, 49 items were recovered and disposed of. No MEC was found. Two of the 49 items were determined to be inert, 5of the 49 items were determined to be munitions debris, and 42 of the 49 items were determined to be cultural debris. A single MEC item was found during the EE/CA prior to the removal action. See Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009)
SEAD 002- R-01 EAST EOD Range #3 (Formerly SEAD 118 BRAC parcel 122Q)	None found	1940 – 1960	The one and a half-acre East EOD Range #3 was used for training of the EOD units. In May – Nov 2006, a munitions response was performed at this former range. During this response, 264 items were recovered and disposed of. No MEC was found. Eight (8) of the 264 items were determined to be munition debris, and 256 of the 264 items were determined to be cultural debris. See Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009).
SEAD 007- R-01 Grenade Range including local training areas B-L (Formerly SEAD 118, BRAC Parcel 127Q)	None found	1985 – 1995	This 30-acre grenade range was used for training with 40mm grenade launchers and Light Antitank Weapons (LAW). All training was accomplished with training rounds. In May – Nov 2006, a munitions response was performed at this former range. During this response, 1,897 items were recovered and disposed of. No MEC was found. 928 of the 1,897 items were determined to be munition debris, and 969 of the 1,897 items were determined to be cultural debris. See Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009).

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Site	Type of MEC	Date of MEC Activity	Munitions Response Actions
SEAD 46 Former 3.5- inch Rocket Range (Previously identified as "Munitions Destruction areas")	None found	1940- 1993	This 45-acre range appears to be a function Test Range for 3.5 in rocket motors. This range was later used for local troop training. In May – Nov 06, a munitions response was performed at this former range. During this response, 1,610 items were recovered and disposed of. No MEC was found. 601 of the 1,601 items were determined to be munition debris, and 1,009 of the 1,601 items were determined to be cultural debris. See Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009).
SEAD 003- R-01 (SEAD 57 EOD Training Range and buffer and adjacent wooded Areas) (Previously identified as "Munitions Destruction areas")	two MK II Grenades, two 20mm projectiles, and one fuzed unfired 37mm projectile	1940-1990	This 71-acre range was used by EOD units for training. In May – Nov 06, a munitions response was performed at this former range. During this response, 7,869 items were recovered and disposed of. Of these items, two were determined to be MEC; 3,294 of the 7,869 items were determined to be munitions debris; and 4,623 of the 7,869 items were determined to be cultural debris. Three other MEC items were found at this site during an EE/CA prior to the removal action. See Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009).

^{*}Munitions and Explosives of Concern (MEC). This term, which distinguishes specific categories of military munitions that may pose unique explosives safety risks, means: (A) Unexploded Ordnance (UXO), as defined in 10 §101(e)(5); (B) Discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (C) Munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard. 32 CFR § 179.3.

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ENCLOSURE 7 CERCLA NOTICE, COVENANT, AND ACCESS PROVISIONS AND OTHER DEED PROVISIONS

The following CERCLA Covenant and Access Provisions, along with the Other Deed Provisions, will be placed in the deed in a substantially similar form to ensure protection of human health and the environment and to preclude any interference with ongoing or completed remediation activities.

I. Property Covered by Notice, Description, Access Rights, and Covenants Made Pursuant to Section 120(h)(3)(A) of the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (42 U.S.C. Section 9620(h)(3)(A)):

For the Property, the Grantor provides the following notice, description, and covenants and retains the following access rights:

A. Notices Pursuant to Section 120(h)(3)(A)(i)(I) and (II)) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. Section 9620(h)(3)(A)(i)(I) and (II):

Pursuant to section 120(h)(3)(A)(i)(I) and (II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9620(h)(3)(A)(i)(I) and (II)), available information regarding the type, quantity, and location of hazardous substances and the time at which such substances were stored, released, or disposed of, as defined in section 120(h), is provided in Exhibit _____, attached hereto and made a part hereof.

B. Description of Remedial Action Taken, if Any, Pursuant to Section 120(h)(3)(A)(i)(III) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(III)):

Pursuant to section 120(h)(3)(A)(i)(III) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. $\S9620(h)(3)(A)(i)(III)$), a description of the remedial action taken, if any, on the Property is provided in Exhibit , attached hereto and made a part hereof.

C. Covenant Pursuant to Section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(ii) and (B)):

Pursuant to section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9620(h)(3)(A)(ii) and (B)), the United States warrants that -

- (a) All remedial action necessary to protect human health and the environment with respect to any hazardous substance identified pursuant to Section 120(h)(3)(A)(i)(I) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 remaining on the property has been taken before the date of this deed, and
- (b) Any additional remedial action found to be necessary after the date of this deed shall be conducted by the United States.

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D. Access Rights Pursuant to Section 120(h)(3)(A)(iii) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(iii)):

The United States retains and reserves a perpetual and assignable easement and right of access on, over, and through the property, to enter upon the property in any case in which a remedial action or corrective action is found to be necessary on the part of the United States, without regard to whether such remedial action or corrective action is on the Property or on adjoining or nearby lands. Such easement and right of access includes, without limitation, the right to perform any environmental investigation, survey, monitoring, sampling, testing, drilling, boring, coring, testpitting, installing monitoring or pumping wells or other treatment facilities, response action, corrective action, or any other action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this instrument. Such easement and right of access shall be binding on the Grantee and its successors and assigns and shall run with the land.

In exercising such easement and right of access, the United States shall provide the Grantee or its successors or assigns, as the case may be, with reasonable notice of its intent to enter upon the Property and exercise its rights under this clause, which notice may be severely curtailed or even eliminated in emergency situations. The United States shall use reasonable means to avoid and to minimize interference with the Grantee's and the Grantee's successors' and assigns' quiet enjoyment of the Property. At the completion of work, the work site shall be reasonably restored. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the Property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the Grantee, nor its successors and assigns, for the exercise of the easement and right of access hereby retained and reserved by the United States.

In exercising such easement and right of access, neither the Grantee nor its successors and assigns, as the case may be, shall have any claim at law or equity against the United States or any officer or employee of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this clause: Provided, however, that nothing in this paragraph shall be considered as a waiver by the grantee and its successors and assigns of any remedy available to them under the Federal Tort Claims Act.

II. OTHER DEED PROVISIONS:

A. "AS IS"

- a. The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property and accepts the condition and state of repair of the subject Property. The Grantee understands and agrees that the Property and any part thereof is offered "AS IS" without any representation, warranty, or guaranty by the Grantor as to quantity, quality, title, character, condition, size, or kind, or that the same is in condition or fit to be used for the purpose(s) intended by the Grantee, and no claim for allowance or deduction upon such grounds will be considered.
- b. No warranties, either express or implied, are given with regard to the condition of the Property, including, without limitation, whether the Property does or does not contain asbestos, lead-based paint, PCBs, pesticides, or any other condition on the Property. The

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Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any asbestos, lead-based paint, PCB, pesticide, or other conditions on the Property. The failure of the Grantee to inspect or to exercise due diligence to be fully informed as to the condition of all or any portion of the Property offered, will not constitute grounds for any claim or demand against the United States.

c. Nothing in this "As Is" provision will be construed to modify or negate the Grantor's obligation under the "Covenant Pursuant to Section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9620(h)(3)(A)(ii) and (B))", or any other statutory obligation.

B. HOLD HARMLESS

- a. To the extent authorized by law, the Grantee, its successors and assigns, covenant and agree to indemnify and hold harmless the Grantor, its officers, agents, and employees from (1) any and all claims, damages, judgments, losses, and costs, including fines and penalties, arising out of the violation of the notices, use restrictions, and restrictive covenants in this Deed by the Grantee, its successors and assigns, and (2) any and all any and all claims, damages, and judgments arising out of, or in any manner predicated upon, exposure to asbestos, lead-based paint, PCBs, pesticides, or other condition on any portion of the Property after the date of conveyance.
- b. The Grantee, its successors and assigns, covenant and agree that the Grantor shall not be responsible for any costs associated with modification or termination of the notices, use restrictions, and restrictive covenants in this Deed, including without limitation, any costs associated with additional investigation or remediation of asbestos, lead-based paint, PCBs, pesticides, or other condition on any portion of the Property.
- c. Nothing in this Hold Harmless provision will be construed to modify or negate the Grantor's obligation under the "Covenant Pursuant to Section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9620(h)(3)(A)(ii) and (B))", or any other statutory obligation.

C. POST-TRANSFER DISCOVERY OF CONTAMINATION

- a. If an actual or threatened release of a hazardous substance is discovered on the Property after the date of the conveyance herein, the Grantee, its successors or assigns shall be responsible for such release or threatened release of such newly discovered hazardous substance unless the Grantee, its successors or assigns is able to demonstrate that such release or threatened release of a hazardous substance was due to the Grantor's activities, use, or ownership of the Property. If the Grantee, or its successors or assigns believe the newly discovered hazardous substance is due to the Grantor's activities, use, or ownership of the Property, the Grantee, or its successors or assigns shall immediately secure the site and notify the Grantor of the existence of the hazardous substance and the Grantee, or its successors or assigns shall not further disturb or allow the disturbance of such hazardous substance without the prior written permission of the Grantor.
- b. The Grantee, for itself, its successors and assigns, as part of the consideration for the conveyance of the Property, hereby releases the Grantor from any liability or responsibility

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for any claims arising solely out of the release or threatened release of any hazardous substance on the Property occurring after the date of the conveyance herein where such hazardous substance was placed on the Property by the Grantee, or its successors, assigns, employees, invitees, agents, contractors, or any person other than the Grantor after the date of the conveyance herein. This "Post-Transfer Discovery of Contamination" provision shall not affect the Grantor's responsibilities to conduct response actions or corrective actions that are required by applicable laws, rules and regulations, or the Grantor's obligations under the "Covenant Pursuant to Section 120(h)(3)(A)(ii) and B of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(ii) and (B))."

D. ENVIRONMENTAL PROTECTION PROVISIONS

The Environmental Protection Provisions are at Exhibit ____, which is attached hereto and made a part hereof. The Grantee shall neither transfer the property, lease the property, nor grant any interest, privilege, or license whatsoever in connection with the Property without the inclusion of the Environmental Protection Provisions contained herein, and shall require the inclusion of the Environmental Protection Provisions in all further deeds, easements, transfers, leases, or grant of any interest, privilege, or license.

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ENCLOSURE 8

ENVIRONMENTAL PROTECTION PROVISIONS

The following conditions, restrictions, and notifications will be attached, in a substantially similar form, as an exhibit to the deed and be incorporated therein by reference in order to ensure protection of human health and the environment.

1. FEDERAL FACILITIES AGREEMENT

The Grantor acknowledges that the Seneca Army Depot Activity has been identified as a National Priorities List (NPL) site under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, as amended. The Grantee acknowledges that the Grantor has provided it with a copy of the Seneca Federal Facility Agreement (FFA) dated January 23, 1993. For so long as the Property remains subject to the FFA, the Grantee, its successors and assigns, agree that they will not interfere with United States Department of the Army activities required by the FFA. In addition, should any conflict arise between the FFA and any amendment thereto and the deed provisions, the FFA provisions will take precedence. The Grantor assumes no liability to the Grantee, its successors and assigns, should implementation of the FFA interfere with their use of the Property.

2. LAND USE RESTRICTIONS

The United States Department of the Army has undertaken careful environmental study of the Property and concluded that the land use restrictions on the Property are necessary to ensure protection of human health and the environment. The Grantee, its successors or assigns, are hereby informed:

This Propert	y is subject to an environme	ntal easement held by the New
York State 1	Department of Environmen	tal Conservation pursuant to
Title 36 of A	rticle 71 of the Environment	al Conservation Law, and that
was recorded	d in the Office of the Senec	a County Clerk as Document
No	, on	, 2019.

The Grantee, its successors or assigns, shall not undertake nor allow any activity on or use of the Property that would violate the aforementioned environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

3. NOTICE OF THE POTENTIAL PRESENCE OF MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

A. The Grantee is hereby notified that due to the former use of the Property as a military installation, the Property may contain munitions and explosives of concern (MEC). The term MEC means specific categories of military munitions that may pose unique explosives safety risks and includes: (1) Unexploded Ordnance (UXO), as defined in 10 U.S.C. §101(e)(5); (2) Discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (3) Munitions constituents (e.g., TNT,

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- RDX), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard. (32 CFR § 179.3)
- B. The Property was previously part of the Seneca Army Depot, which was used for receipt, storage, maintenance, and issue of military munitions from 1941 to 2000. Between May and November 2006, the Army conducted munitions and CERCLA response actions at SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01, and SEAD 007-R-01. This work involved geophysical mapping of anomalies present at the four AOCs; intrusive investigation, recovery, identification, inerting or demilitarization (if necessary), and disposal or recycling of identified MEC, MPPEH, munitions debris (MD), and cultural debris (CD). During the response actions, two MEC items were found at SEAD 003-R-01 (one MK II Grenade and one fuzed unfired 37 MM projectile). A summary of MEC discovered on the property is provided in Exhibit _____. A summary of the map depicting the location of munitions response site is provided in Exhibit _____.
- C. The Grantor represents that, to the best of its knowledge, no MEC is currently present on the Property. Notwithstanding the Grantor's determination, the parties acknowledge that there is a possibility that MEC may exist on the Property. Any excavation activities will require the Grantor and its assigns to provide commercial Explosive Ordnance Disposal construction support to address potential presence of munitions and explosives of concern (MEC). MEC construction support means one MEC-qualified professional to oversee construction if construction activities are undertaken in the MRS parcels and address potential risks from MEC during construction. Annual 3R Explosives Safety Education program for property users, through the distribution of educational pamphlets is required by the Grantor. If the Grantee, any subsequent owner, or any other person should find any MEC on the Property, they shall immediately stop any intrusive or ground-disturbing work in the area or in any adjacent areas and shall not attempt to disturb, remove or destroy it, but shall immediately notify the local police department so that appropriate explosive ordnance disposal personnel can be dispatched to address such MEC as required under applicable law and regulations.

D. Easement and Access Rights.

- (1) The Grantor reserves a perpetual and assignable right of access on, over, and through the Property, to access and enter upon the Property in any case in which a munitions response action is found to be necessary, or such access and entrance is necessary to carry out a munitions response action on adjoining property. Such easement and right of access includes, without limitation, the right to perform any additional investigation, sampling, testing, test-pitting, surface and subsurface clearance operations, or any other munitions response action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this Deed. This right of access shall be binding on the Grantee, its successors and assigns, and shall run with the land.
- (2) In exercising this easement and right of access, the Grantor shall give the Grantee or the then record owner, reasonable notice of the intent to enter on the Property, except in emergency situations. Grantor shall use reasonable means, without significant additional cost to the Grantor, to avoid and/or minimize interference with the Grantee's and the Grantee's successors' and assigns' quiet enjoyment of the Property. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the grantee nor its successors and assigns, for the exercise of the

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- easement and right of access hereby retained and reserved by the United States.
- (3) In exercising this easement and right of access, neither the Grantee nor its successors and assigns, as the case maybe, shall have any claim at law or equity against the United States or any officer, employee, agent, contractor of any tier, or servant of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this Paragraph. In addition, the Grantee, its successors and assigns, shall not interfere with any munitions response action conducted by the Grantor on the Property.
- E. The Grantee acknowledges receipt of the Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009) and the Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017).

4. NOTICE OF THE PRESENCE OF ASBESTOS AND COVENANT

- A. The Grantee is hereby informed and does acknowledge that friable and non-friable asbestos or asbestos containing material "ACM" has been found on the Property. The Property may also contain improvements, such as buildings, facilities, equipment, and pipelines, above and below the ground, that contain friable and non-friable asbestos or ACM. The Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency have determined that unprotected or unregulated exposure to airborne asbestos fibers increases the risk of asbestos-related diseases, including certain cancers that can result in disability or death.
- B. The following building on the Property has been determined to contain friable asbestos: Building 819. The Grantee agrees to undertake any and all asbestos abatement or remediation in the aforementioned buildings that may be required under applicable law or regulation at no expense to the Grantor. The Grantor has agreed to transfer said buildings to the Grantee, prior to remediation or abatement of asbestos hazards, in reliance upon the Grantee's express representation and covenant to perform the required asbestos abatement or remediation of these buildings, and not allow occupancy of Building 819 prior to demolition or abatement.
- C. The Grantee covenants and agrees that its use and occupancy of the Property will be in compliance with all applicable laws relating to asbestos. The Grantee agrees to be responsible for any future remediation or abatement of asbestos found to be necessary on the Property to include ACM in or on buried pipelines that may be required under applicable law or regulation.
- D. The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property as to its asbestos and ACM condition and any hazardous or environmental conditions relating thereto. The Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any asbestos or ACM hazards or concerns.

5. NOTICE OF THE PRESENCE OF LEAD-BASED PAINT (LBP) AND COVENANT AGAINST THE USE OF THE PROPERTY FOR RESIDENTIAL PURPOSE

A. The Grantee is hereby informed and does acknowledge that all buildings on the Property, which were constructed or rehabilitated prior to 1978, are presumed to contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Every purchaser of any interest in Residential Real Property on which a residential dwelling was built prior to 1978

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- is notified that there is a risk of exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning.
- B. The Grantee covenants and agrees that it shall not permit the occupancy or use of any buildings or structures on the Property as Residential Property, as defined under 24 Code of Federal Regulations Part 35, without complying with this section and all applicable federal, state, and local laws and regulations pertaining to lead-based paint and/or lead-based paint hazards. Prior to permitting the occupancy of the Property where its use subsequent to sale is intended for residential habitation, the Grantee specifically agrees to perform, at its sole expense, the Army's abatement requirements under Title X of the Housing and Community Development Act of 1992 (Residential Lead-Based Paint Hazard Reduction Act of 1992).
- C. The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property as to its lead-based paint content and condition and any hazardous or environmental conditions relating thereto. The Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any leadbased paint hazards or concerns.

6. PESTICIDE NOTICE AND COVENANT

- A. The Grantee is hereby notified and acknowledges that registered pesticides have been applied to the Property conveyed herein and may continue to be present thereon. The Grantor and Grantee know of no use of any registered pesticide in a manner (1) inconsistent with its labeling or with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) (7 U.S.C. § 136, et seq.) and other applicable laws and regulations, or (2) not in accordance with its intended purpose.
- B. The Grantee covenants and agrees that if the Grantee takes any action with regard to the Property, including demolition of structures or any disturbance or removal of soil that may expose, or cause a release of, a threatened release of, or an exposure to, any such pesticide, Grantee assumes all responsibility and liability therefor.

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ENCLOSURE 9

SENECA ARMY DEPOT

SITES: SEAD 12, SEAD 002-R-01, SEAD 003-R-01, SEAD 007-R-1, SEAD-13, and SEAD 46

ENVIRONMENTAL EASEMENT

THIS INDENTURE made this ____day of ______, 2019, between the United States of America (the "Grantor"), acting by and through the Director of Real Estate, Headquarters, U.S. Army Corps of Engineers, and the People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner") with its headquarters located at 625 Broadway, Albany, New York 12233.

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department of Environmental Conservation ("Department") a statutory environmental remediation program that includes the use of environmental easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and of ensuring the potential restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that "Environmental Easement" shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to the hazardous waste; and

WHEREAS, the Grantor, is the owner of real property located in the Town of Varick, Seneca County, New York known and identified as SEAD 12, SEAD 002-R-01, SEAD 003-R-01 (alias SEAD 57), SEAD 007-R-1, SEAD-13, and SEAD 46 comprised of approximately 283 acres, and hereinafter more particularly described in Exhibit A and depicted on Exhibit B, both of which are attached hereto and made a part hereof (the "Controlled Property"); and

WHEREAS, the Commissioner does hereby acknowledge that the Department accepts this Environmental Easement in order to ensure the protection of human health and the environment and to achieve the requirements for remediation established at this Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36.

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NOW THEREFORE, in consideration of the covenants and mutual promises contained herein, and in order to implement the land use restrictions identified in the "Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017)" and "Final Record of Decision the Radioactive Waste Burial Sites (SEAD-12) and the Mixed Waste Storage Facility (SEAD-72) (Parsons, 2015)", Grantor grants, conveys and releases to Grantee a permanent Environmental Easement pursuant to Article 71, Title 36 of the ECL in, on, over, under, and upon the Controlled Property for the purposes as more fully described herein ("Environmental Easement").

1. PURPOSES

Grantor and Grantee acknowledge that the purposes of this Environmental Easement are: to convey to Grantee a perpetual Environmental Easement that runs with the land to establish the institutional controls described in Paragraph 2, below, restricting the use of the Controlled Property; to provide the Grantee access to the Controlled Property to inspect same for compliance with the said restrictions as more particularly described in Paragraph 3, below; and to comply with the requirements pertaining to such easements set forth in § 71-3605 of the ECL.

2. INSTITUTIONAL CONTROLS

The Grantee shall have the following rights which shall comprise the institutional controls restricting the use of the Controlled Property and which shall run with the land and which are binding on the Grantor and the Grantor's assigns, in perpetuity, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

A. Residential Use Prohibited. The Controlled Properties identified as SEAD 12C, SEAD 46, SEAD 002-R-01, SEAD 003-R-01, and SEAD 007-R-01 shall be used solely for commercial and industrial purposes and not for residential purposes, the said Controlled Properties having been remediated only for commercial and industrial uses. Commercial and industrial uses include, but are not limited to, administrative/office space; manufacturing; warehousing; restaurants; hotels/motels; and retail activities. Residential use includes, but is not limited to, housing; childcare facilities: schools (excluding education and training programs for person over 18 years of age); assisted living facilities; and outdoor recreational activities (excluding recreational activities by employees and their families incidental to authorized commercial and industrial uses on the said Controlled Properties.) The restriction to commercial and industrial uses applies to all areas within the said Controlled Properties. Future owners or users of land within the said Controlled Properties may request a waiver from said restriction on a location by location basis at such time as the concentrations of hazardous substances are reduced to levels that allow for unlimited exposure and unrestricted use. The owner or user making such a request must develop and submit with the request sufficient data and information, subject to review and approval by the Grantee, the Grantor and the U.S. Environmental Protection Agency ("EPA"), to substantiate its request that the identified location is suitable for unlimited exposure and unrestricted use.

B. <u>Ground Water Use Prohibited.</u> The Grantee shall have the right to prohibit the access to or use of the ground water beneath the portion of the Controlled Property identified as SEAD 12 and SEAD 13 for any purpose until groundwater standards as set forth in the *Final Record of Decision for the Radioactive Waste Burial Sites (SEAD-12) and the Mixed Waste Storage Facility (SEAD-72) Seneca Army Depot Activity, March 2015* ("SEAD-12 ROD") are achieved, except insofar as it may be necessary for the Army to carry out its responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA"), as amended. For the purposes of this provision, the term "ground water" shall have the same meaning as in section 101(12) of CERCLA. The Grantor covenants and agrees for itself

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and its assigns that it shall not access or use, or allow access to or use of, the ground water beneath the portion of the Controlled Property identified as SEAD 12 and SEAD 13 for any purpose until groundwater standards as set forth in the SEAD-12 ROD are achieved, except insofar as it may be necessary for the Army to carry out its responsibilities under CERCLA, without obtaining the prior written approval of the Department and the Army.

- C. Excavation Restrictions. Any excavation activities will require the Grantor and its assigns to provide commercial Explosive Ordnance Disposal construction support to address potential presence of munitions and explosives of concern (MEC). The term MEC means specific categories of military munitions that may pose unique explosives safety risks and includes: (1) Unexploded Ordnance (UXO), as defined in 10 U.S.C. §101(e)(5); (2) Discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (3) Munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard. (32 CFR § 179.3). The Grantor represents that, to the best of its knowledge, no MEC is currently present on the Property. Notwithstanding the Grantor's determination, the parties acknowledge that there is a possibility that MEC may exist on the Property.
- MEC construction support means one MEC-qualified professional to oversee construction if construction activities are undertaken in the MRS parcels and address potential risks from MEC during construction. Annual 3R Explosives Safety Education program for property users, through the distribution of educational pamphlets is required by the Grantor and its assigns. If any person should find any MEC on the Property, they shall immediately stop any intrusive or ground- disturbing work in the area or in any adjacent areas and shall not attempt to disturb, remove or destroy it, but shall immediately notify the commercial EOD construction support or the local police department so that appropriate explosive ordnance disposal personnel can be dispatched to address such MEC as required under applicable law and regulations.
- D. <u>Use of Buildings 813 and 814 and New Construction Prohibited.</u> The Grantee shall have the right to prohibit the use of existing Buildings 813 and 814 on the Controlled Property and the constructions of any new occupiable space or structure within fifty feet of the perimeter of said Buildings 813 and 814 and a fifty-foot radius of monitoring well MW12-37, as depicted on Exhibit B hereto, until a vapor intrusion study is conducted by and at the sole expense of the owner of the Controlled Property and the Army and the Department determine that potential risks from vapor intrusion from volatile organic compounds ("VOCs") in the soil and/or groundwater under the Controlled Property do not pose an unacceptable risk or hazard to users or occupants of the said Buildings 813 and 814 or any new occupiable space or structure on the above-described portions of the Controlled Property. The Grantor covenants and agrees for itself and its assigns that it shall not use Building 813 and/or Building 814 on the Controlled Property or construct any new occupiable space or structure within fifty feet of the perimeter of the said Buildings 813 and 814 and a fifty-foot radius of said monitoring well MW12-37 until such time as the Department and the Army determine that potential risks from vapor intrusion from volatile organic compounds ("VOCs") in the soil and/or groundwater under the Controlled Property do not pose an unacceptable risk or hazard to users or occupants of the said Buildings 813 and 814 or any new occupiable space or structure on the above-described portions of the Controlled Property.
- E. <u>Provision of Notice Required.</u> The Grantor covenants and agrees for itself and its assigns that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

Enclosure 9 Page 3 of 24

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

- F. <u>Incorporation of Environmental Easement.</u> The Grantor covenants and agrees for itself and its assigns that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.
- G. <u>Annual Certification Required.</u> The Army shall, annually from the date of this Environmental Easement, or within such additional time as the Department may allow, submit to the Department, and provide a copy to the U.S. Environmental Protection Agency Region II, a written statement that the institutional controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the said controls employed at the Controlled Property were approved by the Department, the Army, and U.S Environmental Protection Agency Region II, and that nothing has occurred that would impair the ability of any such control to protect the public health and environment; constitute a violation or failure to comply with any such institutional controls; or prevent access to the Controlled Property to evaluate continued maintenance of such controls.

3. RIGHT TO ENTER AND INSPECT

The Grantee, its agents, employees, or other representatives of the Grantee may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated institutional controls.

4. RESERVED GRANTOR'S RIGHTS

The Grantor reserves to itself and its assigns all such rights and privileges in and to the Controlled Property not inconsistent with the terms of this Environmental Easement.

5. ENFORCEMENT

A. This Environmental Easement is enforceable in law or equity in perpetuity by the Grantor (including, but not limited to, the Army and U.S. Environmental Protection Agency Region II), the Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Controlled Property, any lessees, and any person using the Controlled Property. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. The Grantee, the Army or U.S. Environmental Protection Agency Region II, shall notify the owner of the Controlled Property of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how the owner of the Controlled Property can cure such breach or suspected breach and give the owner of the Controlled Property a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure (or any extensions

Enclosure 9 Page 4 of 24

granted by Grantee, the Army or U.S. Environmental Protection Agency Region II), the Grantee, the Army or U.S. Environmental Protection Agency Region II, shall notify the owner of the Controlled Property of any failure to adequately cure the breach or suspected breach. The owner of the Controlled Property shall then have a reasonable amount of time from receipt of such notice to cure. At the expiration of said second period, the Grantee, the Army or U.S. Environmental Protection Agency Region II, may commence any proceedings and take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement in accordance with applicable law to require compliance with the terms of this Environmental Easement.

C. The failure of Grantee, the Army and/or U.S. Environmental Protection Agency Region II, to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar its enforcement in the event of a subsequent breach of, or noncompliance with, any of the terms of this Environmental Easement.

6. NOTICE

Whenever notice to the Grantee (including the annual certification) or approval from the Grantee, U.S. Environmental Protection Agency Region II, or the Army is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing its County tax map number or the Liber and Page or computerized system tracking/identification number and address its correspondence to:

Division of Environmental Enforcement Office of General Counsel New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-5500

U.S. Environmental Protection Agency Region II Emergency & Remedial Response Division 290 Broadway, 18th Floor, E-3 New York, New York 10007-1866

Headquarters, Department of the Army ATTN: DAIM-ZA 600 Army Pentagon Washington, DC 20310-0600

Such correspondence shall be delivered by hand, or by registered mail or by certified mail and return receipt requested. The above entities may provide for other means of receiving and communicating notices and responses to requests for approval.

7. RECORDATION

The Grantor shall record this instrument within sixty (60) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Controlled Property is situated in the manner prescribed by Article 9 of the Real Property Law.

Enclosure 9 Page 5 of 24

8. AMENDMENT

This Environmental Easement may be amended only by an amendment executed by the Commissioner of the New York State Department of Environmental Conservation, agreed in writing by the Army, and filed with the office of the recording officer for the county or counties where the Controlled Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. EXTINGUISHMENT

This Environmental Easement may be extinguished only by a release executed by the Commissioner of the New York State Department of Environmental Conservation, agreed in writing by the Army, and filed with the office of the recording officer for the county or counties where the Controlled Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. OPPORTUNITY TO REVIEW AND COMMENT

The Grantee shall provide the U.S. Environmental Protection Agency Region II with a notice of, and a reasonable opportunity to review and comment upon, requested approvals or actions under this Environmental Easement, including without limitation requests for amendment pursuant to Paragraph 8 hereof and extinguishment pursuant to Paragraph 9 hereof.

IN WITNESS WHEREOF, the Grantor has caused this instrument to be signed in its name.

UNITED STATES OF AMERICA

By:			
-	M. Johnson-Turner		
Directo	or of Real Estate		
Headqı	narters, U.S. Army Corps of	f Engineers	8
THIS EN	VIRONMENTAL EASEME	NT IS HEF	REBY ACCEPTED BY
THE PEO		JEW VORI	K Acting By and
	PLE OF THE STATE OF N		
	PLE OF THE STATE OF N		
Through th	PLE OF THE STATE OF Ne Department of Environmen	tal Conserva	
Through th	PLE OF THE STATE OF Ne Department of Environmen	tal Conserva	
Through th	PLE OF THE STATE OF Note Department of Environment eggos	tal Conserva	

Enclosure 9 Page 6 of 24

Grantor's Acknowledgment

DISTRICT OF COLUMBIA)	
CITY OF WASHINGTON) ss:	
Before me, the undersigned, a Notary Public in and for the District of Columbia, personally appeared M. Johnson-Turner, personally known to me or proved to me on the basis of satisfactory evidence individual whose name is subscribed to the within instrument and acknowledged to me that she executed in the capacity therein stated, and that by her signature on the instrument, the United States of Aupon behalf of which the individual acted, executed the instrument.	to be the cuted the
Given under my hand and seal this day of 2019.	
(SEAL) Notary Public	
My commission expires on	

Enclosure 9 Page 7 of 24

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)
personally known to me or p subscribed to the within instru of the State of New York Dep	, in the year 2019, before me, the undersigned, personally appeared Basil Seggos, proved to me on the basis of satisfactory evidence to be the individual whose name is ment and acknowledged to me that he executed the same in his capacity as Commissioner partment of Environmental Conservation, and that by his signature on the instrument, the pork, upon behalf of which the individual acted, executed the instrument.
Notary Public - State of Ne	w York

Enclosure 9 Page 8 of 24

EXHIBIT A PROPERTY DESCRIPTIONS

Enclosure 9 Page 9 of 24

Description of a New 1.137 Acres Easement, "SEAD 12C"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 1.137 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1014173.42, E 744692.36);

Thence, South 89° 59' 26" East 161.92 feet to a set iron rod (N 1014173.39, E 744854.28);

Thence, South 00° 00' 18" West 306.00 feet to a set iron rod (N 1013867.39, E 744854.25);

Thence, South 89° 59′ 52″ West 161.90 feet to a set iron rod (N 1013867.38, E 744692.36);

Thence, North 00° 00′ 01" East 306.04 feet to the Point of Beginning, containing 1.137 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SEAD 12C Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

Enclosure 9 Page 10 of 24

Description of a New 39.034 Acres Easement, "SEAD 003-R-01"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 39.034 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1010095.99, E 739624.00), from which a found brass disc stamped "SEAD 57 1993A" (N 1009835.62, E 738625.80) bears South 23° 14′ 49″ East 252.87 feet;

Thence, North 88° 32′ 15″ East 1098.36 feet to a set iron rod (N 1008776.94, E 739663.00);

Thence, South 01° 41' 37" East 1319.63 feet to a set iron rod (N 1008745.96, E 739246.00);

Thence, South 85° 45' 04" West 418.14 feet to a set iron rod (N 1008443.03, E 739270.03);

Thence, South 04° 32′ 02″ East 303.88 feet to a set iron rod (N 1008423.13, E 738546.02);

Thence, South 88° 25' 31" West 724.28 feet to a set iron rod (N 1009193.94, E 737774.08);

Thence, North 00° 41′ 52″ West 1644.95 feet to the Point of Beginning, containing 39.034 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SEAD 003-R-01 Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

Enclosure 9 Page 11 of 24

Description of a New 42.468 Acres Easement, "SEAD 007-R-01"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 42.468 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1009189.97, E 736720.04);

Thence, North 89° 47′ 04" East 1054.05 feet to a set iron rod (N 1007482.98, E 737778.07);

Thence, South 00° 08' 01" East 1710.96 feet to a set iron rod (N 1007475.01, E 736672.03);

Thence, South 89° 35′ 13" West 1106.07 feet to a set iron rod (N 1010067.96, E 738525.99);

Thence, North 01° 36′ 13″ East 1715.63 feet to the Point of Beginning, containing 42.468 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SEAD 007-R-01 Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

Enclosure 9 Page 12 of 24

Description of a New 150.961 Acres Easement, "SEAD 13, 46, 002-R-01 [EOD 2 & 3]"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 150.961 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1007735.02, E 747199.98);

Thence, North 88° 58' 40" East 3305.57 feet to a set iron rod (N 1007793.99, E 750505.03);

Thence, South 02° 25' 11" East 2344.13 feet to a set iron rod (N 1005451.95, E 750603.99);

Thence, South 88° 18' 40" West 1319.57 feet to a set iron rod (N 1005413.06, E 749285.00);

Thence, North 53° 23′ 59" West 856.95 feet to a set iron rod (N 1005924.00, E 748597.02);

Thence, North 70° 18′ 42″ West 1400.97 feet to a set iron rod (N 1006395.99, E 747277.96);

Thence, North 03° 19′ 58″ West 1341.29 feet to the Point of Beginning, containing 150.961 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SEAD 13, 46, 002-R-01 [EOD 2 & 3] Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

Enclosure 9 Page 13 of 24

Description of a New 50.425 Acres Easement, "SEAD 46"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 50.425 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1007420.48, E 749083.25);

Thence, South 89° 22' 49" East 316.62 feet to a set iron rod (N 1007417.05, E 749399.85);

Thence, South 89° 41′ 47″ East 476.96 feet to a set iron rod (N 1007414.52, E 749876.81);

Thence, South $00^{\circ} 00' 05''$ East 199.77 feet to a set iron rod (N 1007214.76, E 749876.81);

Thence, South 89° 57′ 59″ East 199.84 feet to a set iron rod (N 1007214.64, E 750076.66);

Thence, South 00° 29' 46" East 693.62 feet to a set iron rod (N 1006521.05, E 750082.66);

Thence, North 89° 59' 34" East 464.30 feet to a set iron rod (N 1006521.11, E 750546.96);

Thence, South 00° 21′ 48″ East 916.97 feet to a set iron rod (N 1005604.15, E 750552.77);

Thence, South 89° 59' 46" West 1469.56 feet to a set iron rod (N 1005604.05, E 749083.22);

Thence, North 00° 00′ 04″ East 1816.43 feet to the Point of Beginning, containing 50.425 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SEAD 46 Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

Enclosure 9 Page 14 of 24

Description of a New 2.590 Acres Easement, "SEAD 002-R-01 [EOD 2]"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 2.590 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1007695.32, E 747365.74), from which a found brass disc stamped "SEAD 13 1993A" (N 1007720.56, E 747635.43) bears North 84° 39′ 10″ East 270.87 feet;

Thence, North 88° 30′ 17" East 328.53 feet to a set iron rod (N 1007703.89, E 747694.16);

Thence, South 02° 11′ 33″ East 353.86 feet to a set iron rod (N 1007350.29, E 747707.69);

Thence, South 87° 52′ 45" West 306.13 feet to a set iron rod (N 1007338.96, E 747401.77);

Thence, North 05° 46′ 27" West 358.17 feet to the Point of Beginning, containing 2.590 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SEAD 002-R-01 [EOD 2] Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

Enclosure 9 Page 15 of 24

Description of a New 3.909 Acres Easement, "SEAD 002-R-01 [EOD 3]"

Situate in the State of New York, County of Seneca, and Town of Romulus.

A 3.909 areas easement being a portion of the 7,601.642 acres parcel described to The Seneca County Industrial Development Agency as recorded in Liber 714 at Page 197 described as follows:

Beginning at a set 5/8 inch iron rod (N 1007751.83, E 749399.85);

Thence, North 89° 44′ 23" East 504.35 feet to a set iron rod (N 1007754.12, E 749904.20);

Thence, South 00° 11' 44" East 338.18 feet to a set iron rod (N 1007415.95, E 749905.36);

Thence, South 87° 09' 03" West 28.59 feet to a set iron rod (N 1007414.52, E 749876.81);

Thence, North 89° 41' 47" West 476.96 feet to a set iron rod (N 1007417.05, E 749399.85);

Thence, North 00° 00′ 01″ East 334.78 feet to the Point of Beginning, containing 3.909 acres.

The iron rods described above as "set" are 5/8 inch by 30 inch iron rods with an aluminum cap stamped "Fisher Associates".

This description is accompanied by a plat, "Seneca Army Depot Activity SE SEAD 002-R-01 [EOD 3] Easement Plat" dated 10-05-18, being the results a field survey performed in September 2018. The datum of said survey is the New York State Plane NAD83 2011 (2010 Epoch), Grid North, US Survey Foot.

Michael K. Austen, PLS 050926

Date: 10-05-2018

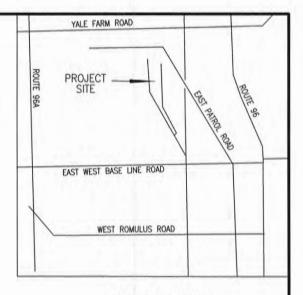
Enclosure 9 Page 16 of 24

EXHIBIT B PROPERTY SURVEYS

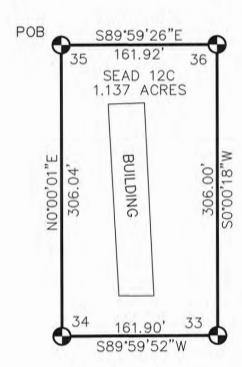
Enclosure 9 Page 17 of 24

A 1.137 ACRES EASEMENT "SEAD 12C"

SITUATE IN THE STATE OF NEW YORK, COUNTY OF SENECA, TOWN OF ROMULUS. A 1.137 ACRES PORTION OF THE 7,601.642 ACRES PARCEL DESCRIBED TO THE SENECA COUNTY INDUSTRIAL DEVELOPMENT AGENCY AS RECORDED IN LIBER 714 PAGE 197



LOCATION SKETCH (NOT TO SCALE)



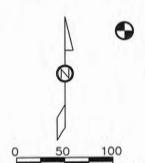
PT NO.	NORTHING	EASTING	DESCRIPTION
33	1013867.390	744854.254	IRS
34	1013867.384	744692.356	IRS
35	1014173.420	744692.357	IRS
36	1014173.394	744854.281	IRS

The proposed LUC would limit use and access to buildings 813/814 or the construction of inhabitable structures (temporary or permanent) above the area where trichloroethene contaminated groundwater and soil were identified until a vapor intrusion study is conducted in the building(s) or in the restricted area and shows that residual concentrations of volatile organic compounds, if present, do not pose risk to future occupants of the structures; and the implementation, monitoring, and maintenance of a LUC to prohibit access to and use of groundwater in the vicinty of buildings 813/814 and former monitoring well MW12-37 until groundwater standards are achieved.

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in more detail in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with any interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

New York State Education Law Section 7209 states that it is a violation of this law for any person, unless he/she is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way.

If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notations "altered by" followed by his/her signature and the date os such alteration, and a specific description of the alteration



LEGEND

SET 5/8" X 30"
IRON ROD SET,
WITH ALUMINUM CAP
LABELED "FISHER
ASSOCIATES"

DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD83 2011 (EPOCH 2010), GRID NORTH, US SURVEY FOOT.



MICHAEL AUSTEN, PLS-NO. 050926 10/05/2018

DRAWING NO.

SHEET 1 OF 1

PROJECT
SENECA ARMY DEPOT ACTIVITY
TOWN OF ROMULUS, COUNTY OF SENECA
STATE OF NEW YORK

TITLE OF DRAWING
SENECA ARMY DEPOT ACTIVITY SEAD 12C
EASEMENT PLAT

FA PROJECT NO. 182024 PROJECT MANAGER MICHAEL AUSTEN

ISSUE DATE

10/05/18

DRAWN BY

CJB

SCALE

1"=100"

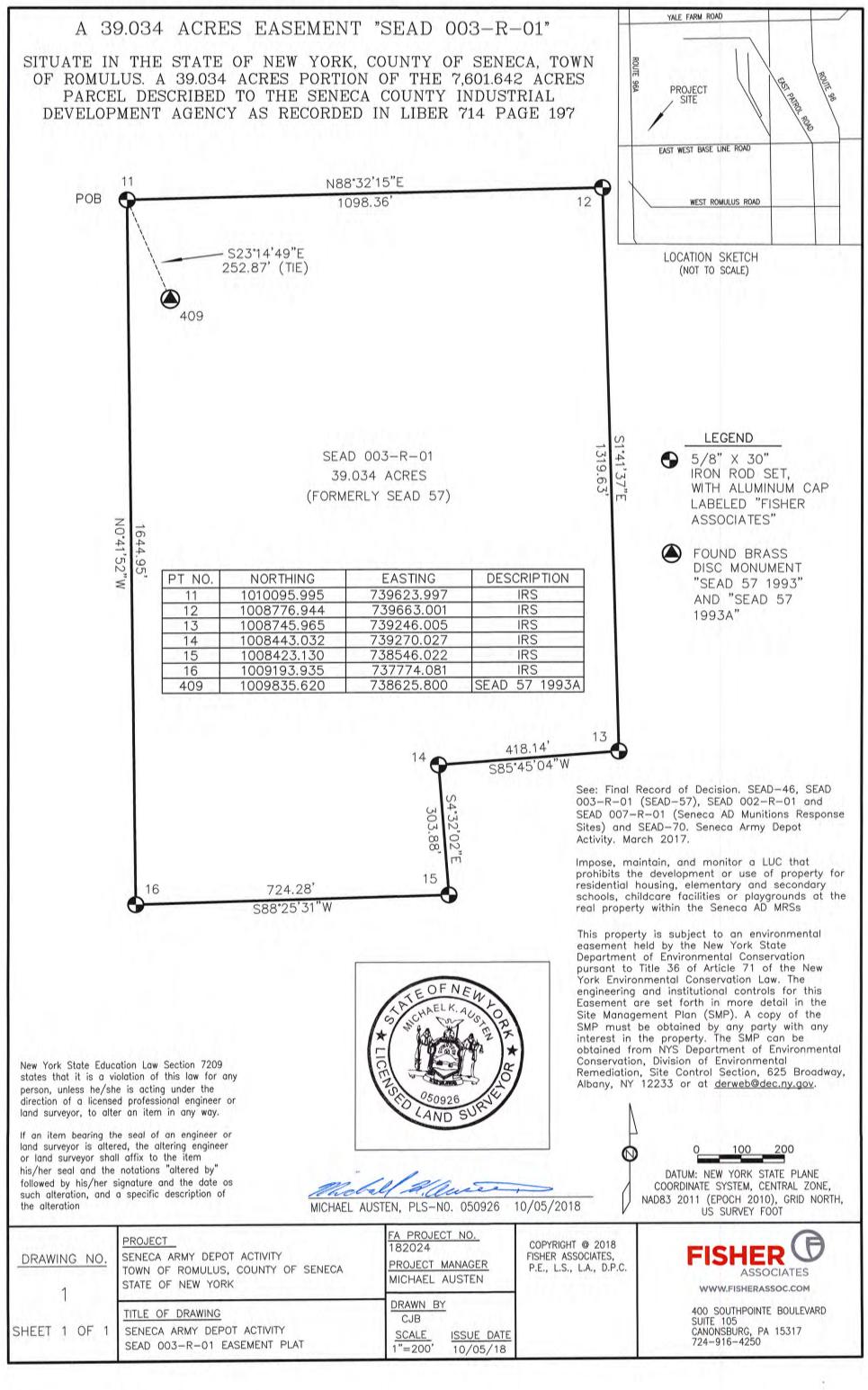
FISHER ASSOCIATES, P.E., L.S., L.A., D.P.C.

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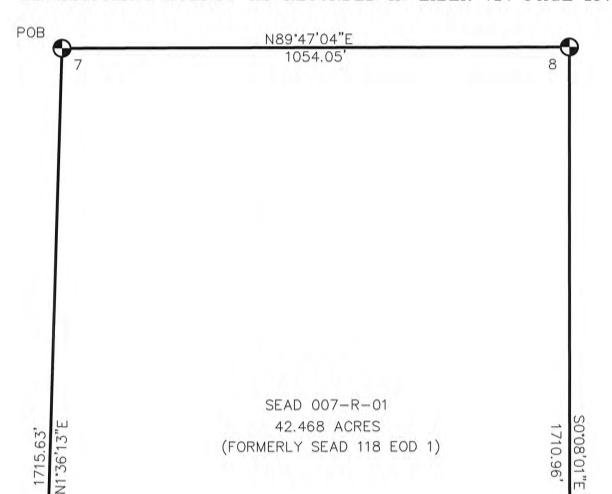
WWW.FISHERASSOC.COM

400 SOUTHPOINTE BOULEVARD
SUITE 105
CANONSBURG, PA 15317
724-916-4250



A 42.468 ACRES EASEMENT "SEAD 007-R-01"

SITUATE IN THE STATE OF NEW YORK, COUNTY OF SENECA, TOWN OF ROMULUS. A 42.468 ACRES PORTION OF THE 7,601.642 ACRES PARCEL DESCRIBED TO THE SENECA COUNTY INDUSTRIAL DEVELOPMENT AGENCY AS RECORDED IN LIBER 714 PAGE 197



	YALE FARM ROAD			
ROUTE 96A	PROJECT SITE	E STATE OF THE STA	AS PRINTED ROSE	4 8
	EAST WEST BASE LIN WEST ROM			
	LOCATION S (NOT TO S			

See: Final Record of Decision. SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70. Seneca Army Depot

Activity. March 2017.

Impose, maintain, and monitor a LUC that prohibits the development or use of property for residential housing, elementary and secondary schools, childcare facilities or playgrounds at the real property within the Seneca AD MRSs

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in more detail in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with any interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

NORTHING **EASTING** DESCRIPTION PT NO. 1009189.970 736720.043 IRS 8 1007482.982 737778.068 **IRS** 1007475.008 736672.031 IRS 9 1010067.963 738525.992 IRS 10

S89°35'13"W

STRUCTURE 1106.07

New York State Education Law Section 7209 states that it is a violation of this law for any person, unless he/she is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way.

If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notations "altered by" followed by his/her signature and the date os such alteration, and a specific description of the alteration



5/8" X 30" IRON ROD

LEGEND

SET, WITH ALUMINUM CAP LABELED "FISHER ASSOCIATES"



DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD83 2011 (EPOCH 2010), GRID NORTH, US SURVEY FOOT

DRAWING NO.

10

PROJECT SENECA ARMY DEPOT ACTIVITY TOWN OF ROMULUS, COUNTY OF SENECA STATE OF NEW YORK

TITLE OF DRAWING

SENECA ARMY DEPOT ACTIVITY

SEAD 007-R-01 EASEMENT PLAT

FA PROJECT NO. 182024 PROJECT MANAGER MICHAEL AUSTEN

MICHAEL AUSTEN, PLS-NO. 050926

DRAWN BY CJB SCALE ISSUE DATE 1"=200' 10/05/18

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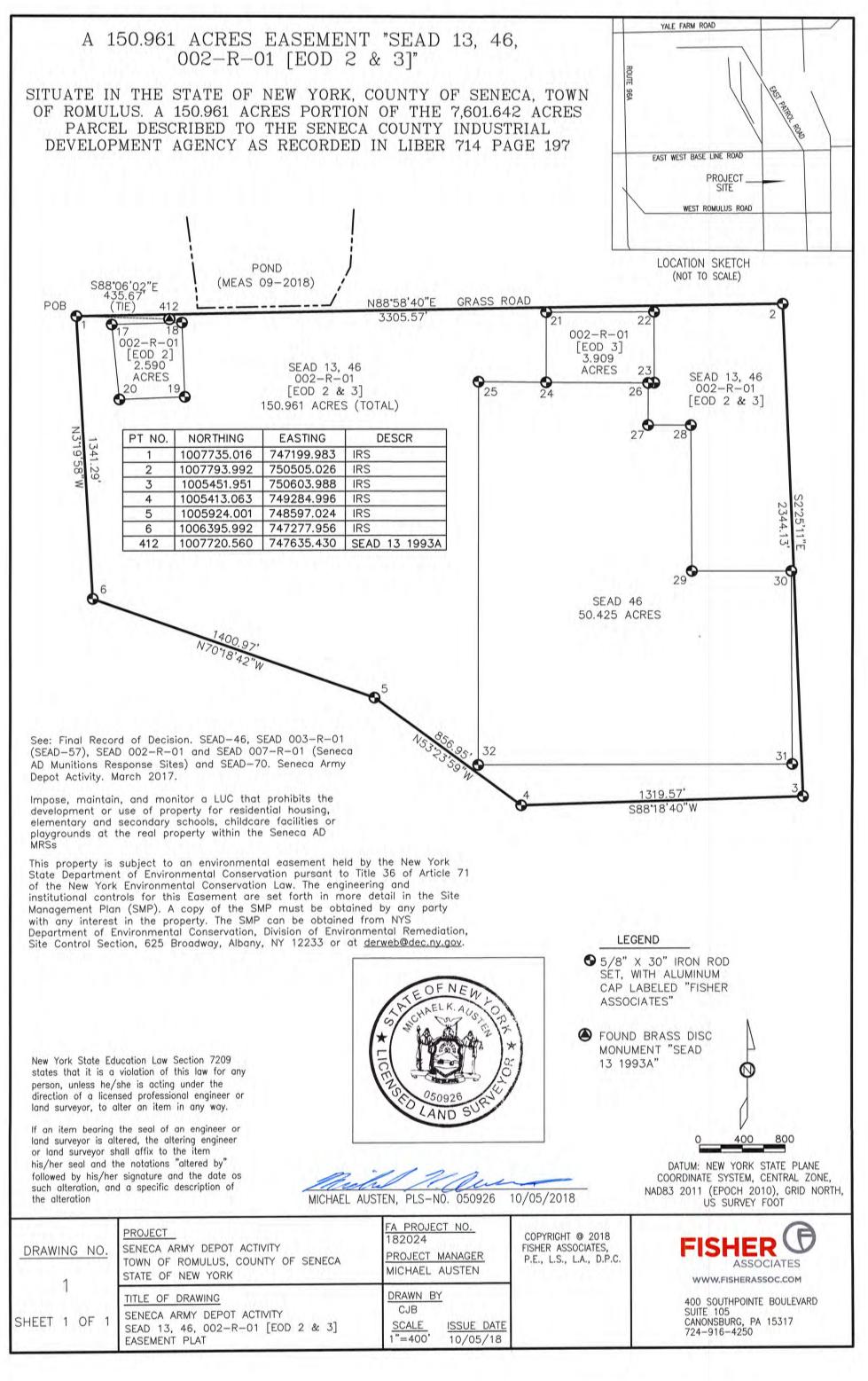
10/05/2018

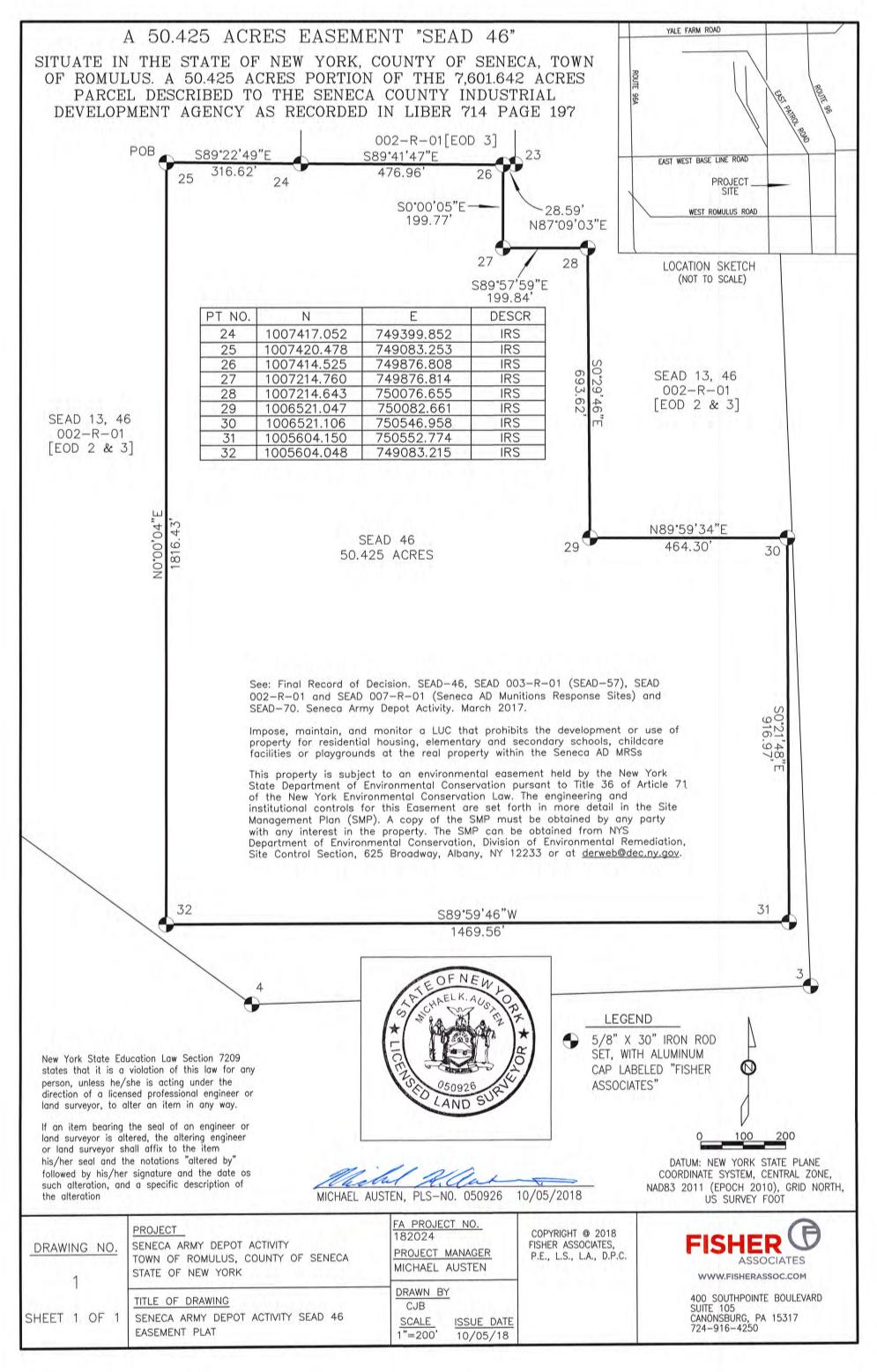


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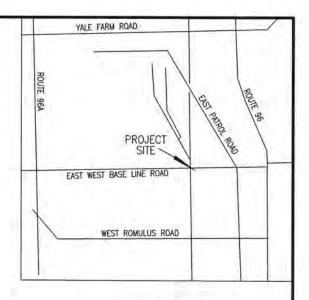
SHEET 1 OF 1



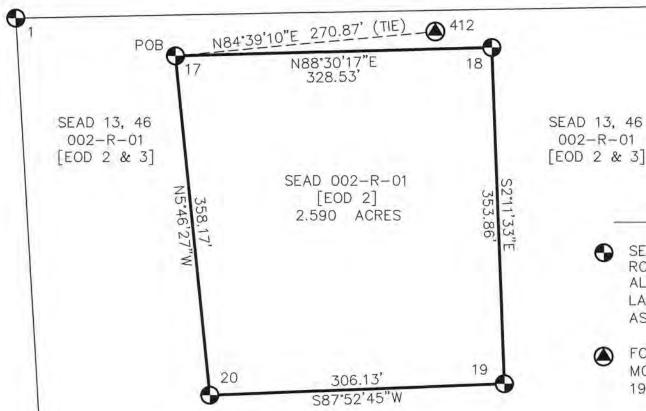


A 2.590 ACRES EASEMENT "SEAD 002-R-01 [EOD 2]"

SITUATE IN THE STATE OF NEW YORK, COUNTY OF SENECA, TOWN OF ROMULUS. A 2.590 ACRES PORTION OF THE 7,601.642 ACRES PARCEL DESCRIBED TO THE SENECA COUNTY INDUSTRIAL DEVELOPMENT AGENCY AS RECORDED IN LIBER 714 PAGE 197



LOCATION SKETCH (NOT TO SCALE)



LEGEND

- SET 5/8" X 30" IRON ROD SET, WITH ALUMINUM CAP LABELED "FISHER ASSOCIATES"
- FOUND BRASS DISC MONUMENT "SEAD 13 1993A"

PT NO.	N	E	DESCRIPTION
17	1007695.317	747365.737	IRS
18	1007703.890	747694.158	IRS
19	1007350.289	747707.695	IRS
20	1007338.960	747401.773	IRS
412	1007720.560	747635.430	BRASS MONUMENT "SEAD 13 1993A"

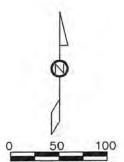
See: Final Record of Decision. SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70. Seneca Army Depot Activity, March 2017.

Impose, maintain, and monitor a LUC that prohibits the development or use of property for residential housing, elementary and secondary schools, childcare facilities or playgrounds at the real property within the Seneca AD MRSs

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in more detail in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with any interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

New York State Education Law Section 7209 states that it is a violation of this law for any person, unless he/she is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way.

If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notations "altered by" followed by his/her signature and the date as such alteration, and a specific description of the alteration



DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD83 2011 (EPOCH 2010), GRID NORTH, US SURVEY FOOT



MICHAEL AUSTEN, PLS-NO. 050926 10/05/2018

DRAWING NO.

PROJECT SENECA ARMY DEPOT ACTIVITY TOWN OF ROMULUS, COUNTY OF SENECA STATE OF NEW YORK

FA PROJECT NO. 182024 PROJECT MANAGER MICHAEL AUSTEN

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SHEET 1 OF 1

TITLE OF DRAWING

SENECA ARMY DEPOT ACTIVITY SEAD 002-R-01 [EOD 2] EASEMENT PLAT

CJB SCALE ISSUE DATE "=100" 10/05/18

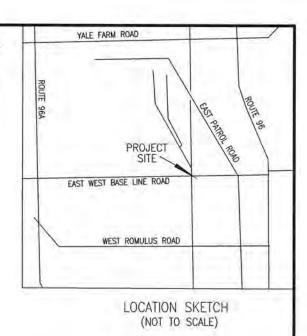
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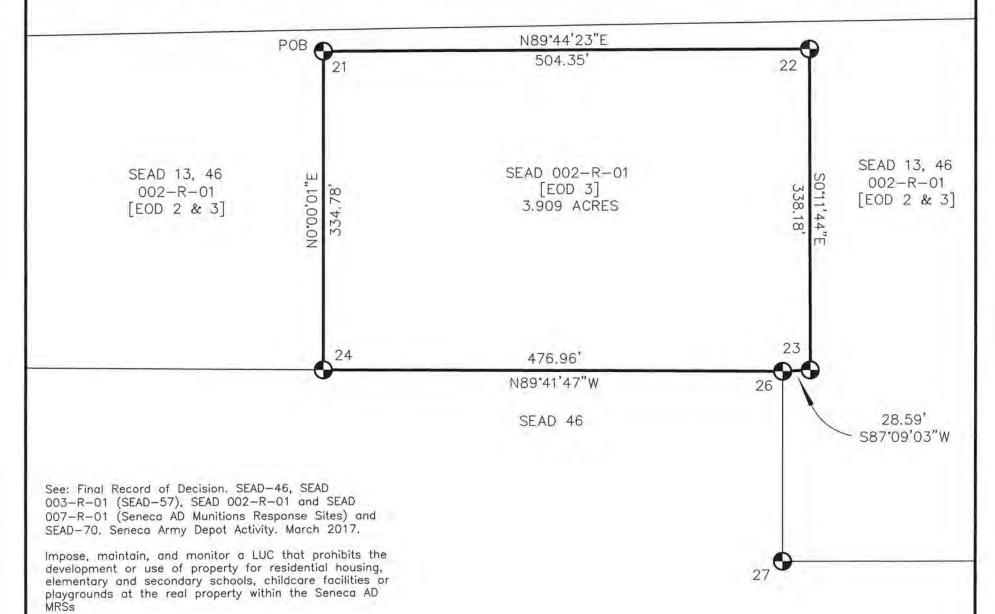
Page 23 of 24

A 3.909 ACRES EASEMENT "SEAD 002-R-01 [EOD 3]"

SITUATE IN THE STATE OF NEW YORK, COUNTY OF SENECA, TOWN OF ROMULUS. A 3.909 ACRES PORTION OF THE 7,601.642 ACRES PARCEL DESCRIBED TO THE SENECA COUNTY INDUSTRIAL DEVELOPMENT AGENCY AS RECORDED IN LIBER 714 PAGE 197

PT NO.	N	E	DESCRIPTION
21	1007751.833	749399.854	IRS
22	1007754.124	749904.203	IRS
23	1007415.946	749905.358	IRS
24	1007417.052	749399.852	IRS
26	1007414.525	749876.808	IRS

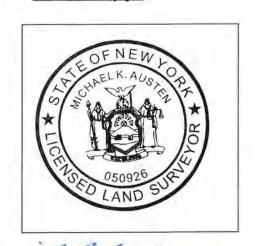




This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in more detail in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with any interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at <a href="mailto:derivation-deri

New York State Education Law Section 7209 states that it is a violation of this law for any person, unless he/she is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way.

If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notations "altered by" followed by his/her signature and the date os such alteration, and a specific description of the alteration



MICHAEL AUSTEN, PLS-NO. 050926 10/05/2018

LEGEND

5/8" X 30" IRON ROD
SET, WITH ALUMINUM CAP
LABELED "FISHER
ASSOCIATES"

DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD83 2011 (EPOCH 2010), GRID NORTH, US SURVEY FOOT

DRAWING NO.	PROJECT SENECA ARMY DEPOT ACTIVITY TOWN OF ROMULUS, COUNTY OF SENECA STATE OF NEW YORK	FA PROJECT NO. 182024 PROJECT MANAGER MICHAEL AUSTEN	COPYRIGHT @ 2018 FISHER ASSOCIATES, P.E., L.S., L.A., D.P.C.	FISHER O ASSOCIATES WWW.FISHERASSOC.COM
SHEET 1 OF 1	TITLE OF DRAWING SENECA ARMY DEPOT ACTIVITY SEAD 002-R-01 [EOD 3] EASEMENT PLAT	DRAWN BY CJB SCALE 1"=100' ISSUE DATE 10/05/18		400 SOUTHPOINTE BOULEVARD SUITE 105 CANONSBURG, PA 15317 724-916-4250

ENCLOSURE 10

STATEMENT OF MEC REMOVAL

Completion Report for Munitions Response and CERCLA Closure at Seneca Army Depot (Parsons, 2009)

Final Record of Decision SEAD-46, SEAD 003-R-01 (SEAD-57), SEAD 002-R-01 and SEAD 007-R-01 (Seneca AD Munitions Response Sites) and SEAD-70 (Parsons, 2017)

Enclosure 10 Page 1 of 1

ENCLOSURE 11

REGULATORY / PUBLIC COMMENTS AND RESPONSE

Enclosure 11 Page 1 of 1