

**FINAL**



**U.S. ARMY BASE**

**REALIGNMENT AND**

**CLOSURE 95 PROGRAM**

**Environmental Baseline  
Survey Report**

**Seneca Army Depot  
Activity, New York**

Prepared for  
U.S. Army Corps of Engineers  
New York District  
Seattle District

March 12, 1997

**Woodward-Clyde** 

Woodward-Clyde Federal Services  
4582 S. Ulster Street  
Stanford Place 3, Suite 1200  
Denver, Colorado 80237

Contract No. DACA67-95-D-1001



# FINAL

## EXECUTIVE SUMMARY

---

The Seneca Army Depot Activity, located in Romulus, New York, has been selected for closure under the 1995 Base Realignment and Closure (BRAC) process. The purpose of this Environmental Baseline Survey (EBS) is to classify discrete areas of real property associated with the Seneca Army Depot Activity, subject to transfer or lease, into one of the seven standard environmental condition of property area types as defined by Community Environmental Response Facilitation Act (CERFA) guidance and the Department of Defense (DOD) *BRAC Cleanup Plan (BCP) Guidebook* (DOD 1993). This is achieved by identifying, characterizing, and documenting the obviousness of the presence or likely presence of a release or threatened release of hazardous substances or petroleum products associated with the historical and current use of the Seneca Army Depot Activity. Releases at properties adjacent to the Seneca Army Depot Activity that could affect the environmental condition of the installation property are also identified, characterized, and documented. Additionally, areas containing or suspected of containing non-Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) contamination substances (e.g., asbestos-containing material, lead-based paint) that may limit or preclude the transfer or lease of the property for unrestricted use are delineated separately as qualified.

The seven standard environmental condition of property area types (categories) are presented in Section 1.3. Areas that are designated as Category 1, 2, 3, or 4 are suitable for transfer or lease, subject to consideration of the qualifiers. Areas that are currently designated as Category 5, 6, or 7 are not suitable for transfer.

The real property evaluated under this investigation of the Seneca Army Depot Activity consists of three geographic areas that together encompass approximately 10,634 acres, all of which were identified as BRAC property, subject to transfer or lease.

The Seneca Army Depot Activity was established in 1941 as a munitions and general purpose storage depot. In addition, the Seneca Army Depot Activity mission has included the demilitarization and destruction of munitions. Although the munitions currently stored at the Seneca Army Depot Activity are conventional, from the 1950s to 1993 the Seneca Army Depot Activity mission included the storage and maintenance of special weapons.

To prepare the EBS report, Woodward-Clyde reviewed existing installation documents; federal, state, and local government records; and aerial photographs. A site visit was conducted that

# FINAL

## EXECUTIVE SUMMARY

---

included visual inspections of the property and surrounding properties, and employee interviews. Additionally, reasonably obtainable federal, state, and local government records for adjacent properties were reviewed. No sampling activities were associated with this EBS.

The information provided in this Final EBS Report is current as of July 1996; however, comments received from installation personnel and the regulatory community on the Draft and Draft Final EBS Reports have been incorporated, as appropriate.

The survey and parcelization of the Seneca Army Depot Activity identified 113 BRAC parcels based on the environmental condition of the property. Table 5-1a and Figure 5-1 present the BRAC parcels and corresponding categorizations. Of the approximately 10,634 acres identified for transfer or lease, 8,689.27 acres are designated as Categories 1 through 4, as shown in the BRAC Acreage Summary Table. The remaining 1,944.73 acres of BRAC property are designated as Categories 5 through 7. Additionally, 1,804.58 acres of the categorized parcels were designated qualified for asbestos-containing material (ACM), lead-based paint (LBP), polychlorinated biphenyls (PCBs), radon, unexploded ordnance (UXO) and/or ordnance fragments, and/or radionuclides. Table 5-1b and Figure 5-1 present the qualified parcels.

**BRAC ACREAGE SUMMARY TABLE  
SENECA ARMY DEPOT ACTIVITY, NEW YORK**

ENVIRONMENTAL CONDITION CATEGORY NUMBER	TOTAL ACREAGE	ACREAGE MINUS QUALIFIED AREAS	TOTAL QUALIFIED ACREAGE	ACM- QUALIFIED ACREAGE	LBP- QUALIFIED ACREAGE	PCB- QUALIFIED ACREAGE	RADON- QUALIFIED ACREAGE	UXO- QUALIFIED ACREAGE	RADIONUCLIDE- QUALIFIED ACREAGE
1	8,554.94	8,465.94	89.00	35.06	36.56	0.02	0.32	55.72	7.34
2	111.25	90.74	20.51	17.22	20.40	0	0.06	0.09	0.08
3	21.33	3.20	18.13	17.65	18.04	0	0	2.1	0
4	1.75	1.32	0.43	0.14	0.43	0	0	0	0
5	207.05	117.60	89.45	0.26	0.07	0	0	0.61	89.19
6	1,724.83	137.86	1,586.97	2.69	6.58	0	0	1,244.72	341.39
7	12.85	12.76	0.09	0.09	0.09	0	0	0	0
Total	10,634.00	8,829.42	1,804.58	73.11	82.17	0.02	0.38	1,303.24	438.00

Note: Acreage figures are approximate; they have been calculated using AutoCad Release 12.

# FINAL

## TABLE OF CONTENTS

---

EXECUTIVE SUMMARY .....	i
LIST OF ACRONYMS .....	ix
<b>SECTION ONE</b>	<b>INTRODUCTION..... 1-1</b>
1.1	BRAC PROGRAM OVERVIEW..... 1-1
1.2	PURPOSE AND SCOPE OF ENVIRONMENTAL BASELINE SURVEY ..... 1-2
1.3	DEFINITIONS..... 1-3
1.4	LIMITATIONS..... 1-6
1.5	GENERAL GEOGRAPHIC AND ENVIRONMENTAL SETTINGS ..... 1-6
1.5.1	Demographics ..... 1-6
1.5.2	Physical Setting..... 1-7
1.5.3	Climatology..... 1-7
1.5.4	Hydrology ..... 1-7
1.5.5	Geology and Soils ..... 1-8
1.5.6	Hydrogeology ..... 1-9
<b>SECTION TWO</b>	<b>SCOPE OF INVESTIGATION..... 2-1</b>
2.1	INSTALLATION/BRAC PROPERTY ..... 2-1
2.1.1	Existing Documents ..... 2-1
2.1.2	Federal, State, and Local Government Regulatory Records..... 2-4
2.1.3	Aerial Photographs..... 2-10
2.1.4	Existing Property Maps..... 2-10
2.1.5	Interviews..... 2-11
2.1.6	Visual Inspections..... 2-11
2.1.7	Title Documents..... 2-12
<b>SECTION THREE</b>	<b>PROPERTY CHARACTERIZATION ..... 3-1</b>
3.1	PROPERTY OVERVIEW ..... 3-1
3.2	INSTALLATION HISTORY AND MISSION ..... 3-1
3.3	DESCRIPTION OF FACILITIES ..... 3-2
3.3.1	Mission Related Activities ..... 3-4
3.3.2	Tenant Missions ..... 3-26

# FINAL

## TABLE OF CONTENTS

---

3.4	FACILITY SUPPORT ACTIVITIES.....	3-27
3.4.1	Hazardous Materials/Waste Management .....	3-27
3.4.2	Solid Waste/Landfill Management .....	3-30
3.4.3	Storage Tanks.....	3-33
3.4.4	Drinking Water Management .....	3-33
3.4.5	Groundwater Monitoring Wells .....	3-34
3.4.6	Stormwater Management .....	3-34
3.4.7	Sewage Treatment.....	3-34
3.4.8	Electrical Power Generation .....	3-35
3.4.9	Heating System .....	3-35
3.4.10	Fire Training .....	3-35
3.4.11	Medical Activities .....	3-35
3.4.12	On-Site Housing.....	3-36
3.5	SENSITIVE ENVIRONMENTS.....	3-36
<b>SECTION FOUR</b>	<b>INVESTIGATION RESULTS.....</b>	<b>4-1</b>
4.1	PREVIOUSLY IDENTIFIED SOURCES OF POTENTIAL CONTAMINATION.....	4-1
4.2	POTENTIAL CONTAMINATION AREAS IDENTIFIED DURING THE EBS INVESTIGATION .....	4-2
4.3	SOURCES OF POTENTIAL CONTAMINATION FROM ADJACENT OR SURROUNDING PROPERTY .....	4-5
4.4	NON-CERCLA RELATED ENVIRONMENTAL, HAZARD, AND SAFETY ISSUES.....	4-8
4.4.1	Asbestos-Containing Material .....	4-8
4.4.2	Lead-Based Paint .....	4-9
4.4.3	Polychlorinated Biphenyls .....	4-10
4.4.4	Radon .....	4-11
4.4.5	Unexploded Ordnance .....	4-11
4.4.6	Radionuclides.....	4-12
4.4.7	Pesticides, Herbicides, and Fungicide Usage .....	4-13
4.5	RESERVE ENCLAVES.....	4-13

# FINAL

## TABLE OF CONTENTS

---

<b>SECTION FIVE</b>	<b>ENVIRONMENTAL CONDITION OF THE PROPERTY AREA.....</b>	<b>5-1</b>
5.1	PARCEL DESIGNATIONS.....	5-1
5.1.1	Category 1 Parcels .....	5-1
5.1.2	Category 2 Parcels .....	5-3
5.1.3	Category 3 Parcels .....	5-11
5.1.4	Category 4 Parcels .....	5-15
5.1.5	Category 5 Parcels .....	5-18
5.1.6	Category 6 Parcels .....	5-22
5.1.7	Category 7 Parcels .....	5-46
5.1.8	Qualified Parcels .....	5-49

<b>SECTION SIX</b>	<b>REFERENCES.....</b>	<b>6-1</b>
--------------------	------------------------	------------

### APPENDICES

Appendix A	Comment Response Package
Appendix B	Database Search Report
Appendix C	UST and AST List
Appendix D	Sample Interview Form
Appendix E	Sample Visual Inspection Form
Appendix F	Environmental Title History Report
Appendix G	Non-CERCLA Issues Tables
Appendix H	Rumors List

# FINAL

## **TABLE OF CONTENTS**

---

### **LIST OF TABLES**

Table 1-1	Environmental Condition of Property Conditions
Table 2-1	Primary Documents
Table 2-2	Environmental Databases
Table 2-3	Spill List
Table 2-4	Leaking Underground Storage Tanks
Table 2-5	Air Permits
Table 2-6	Visual Inspections Conducted at the Seneca Army Depot Activity
Table 3-1	Main Depot Area, Munitions Storage
Table 3-2	Main Depot Area, General Purpose Storage Facilities
Table 3-3	Main Depot Area, Munitions Disposal Facilities
Table 3-4	Main Depot Area, Munitions Restoration Facilities
Table 3-5	Main Depot Area, Industrial Plant Equipment Facilities
Table 3-6	Main Depot Area, Administrative/Support Facilities
Table 3-7	Main Depot Area, Training Facility
Table 3-8	North Depot Area Facilities
Table 3-9	Special Weapons Area Facilities
Table 3-10	Radioisotopes and Other Hazardous Substances
Table 3-11	South Depot Area Facilities
Table 3-12	Airfield Area Facilities
Table 3-13	Lake Housing Area Facilities
Table 3-14	Buildings Used to Store Hazardous Materials
Table 4-1a	No Action Solid Waste Management Units
Table 4-1b	High Priority Areas of Concern
Table 4-1c	Moderate Priority Areas of Concern
Table 4-1d	Moderately Low Priority Areas of Concern
Table 4-1e	Low Priority Areas of Concern
Table 4-2	Potential Contamination Areas
Table 4-3	Results of Rumor Investigation
Table 4-4	RCRA Generators
Table 4-5	Leaking Underground Storage Tanks
Table 5-1a	BRAC Parcel Descriptions
Table 5-1b	Qualified Parcel Descriptions
Table 5-2	USTs and ASTs Associated with BRAC Parcel Number and Label 5(2)PS/HS
Table 5-3	Potential UXO Hazards
Table 5-4	Potential Radionuclide Hazards

### **LIST OF FIGURES**

Figure 1-1	Location Map
Figure 3-1	Installation Map
Figure 4-1	Adjacent Property Map
Figure 5-1	CERFA Map



FINAL

**TABLE OF CONTENTS**

---



# FINAL

## LIST OF ACRONYMS

---

<u>ACRONYM</u>	<u>DEFINITION</u>
ACM	asbestos-containing material
AIRFA	American Indian Religions Freedom Act
AMSA	Area Maintenance Support Activity
AOC	Area of Concern
APE	Ammunition Peculiar Equipment
AST	aboveground storage tank
BCP	BRAC Cleanup Plan
BEC	BRAC Environmental Coordinator
bgs	below ground surface
BLM	Bureau of Land Management
BRAC	Base Realignment and Closure
BTEX	benzene, toluene, ethylbenzene, and xylene
CARC	chemical agent resisting coating
CCC	Civilian Conservation Corps
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act, as amended
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
CPO	Civilian Personnel Office
DARCOM	U.S. Army Material Development and Readiness Command
DCE	dichloroethylene
DECAM	Directorate of Environmental Compliance and Management
DESCOM	U.S. Army Depot Systems Command
DOD	Department of Defense
DOH	New York State Department of Health
DPM	Defense Priority Model
DRMO	Defense Reutilization and Marketing Office
DS-2	diethylenetriamine

# FINAL

## LIST OF ACRYNMS

---

EA	Environmental Assessment
EBS	Environmental Baseline Survey
EIS	Environmental Impact Statement
EM	electromagnetic
EPA	U.S. Environmental Protection Agency
EPIC	Environmental Photographic Interpretation Center
ERNS	Emergency Response Notification System
ESI	expanded site investigation
FFA	Federal Facility Agreement
FFCA	Federal Facility Compliance Act
FINDS	Facility Index System
FS	Feasibility Study
GIS	geographic information system
GPM	Geographic Project Manager
gpm	gallons per minute
GSA	General Services Administration
HRS	Hazard Ranking System
IAG	Interagency Agreement
IPE	industrial plant equipment
IRFNA	inhibited red fuming nitric acid
IRM	Integrated Resources Management
IRMP	Integrated Resource Management Plan
IRP	Installation Restoration Program
ISCP	Installation Spill Contingency Plan
JP8	jet petroleum grade 8
kg	kilogram
kg/mo	kilograms per month
LBP	lead-based paint
LUST	leaking underground storage tank
MCL	maximum contaminant level

# FINAL

## LIST OF ACRONYMS

---

MEDDAC	U.S. Army Health Clinic
MEK	methyl ethyl ketone
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
MP	Military Police
MSL	mean sea level
NAGPRA	Native American Graves Protection Act
n.d.	no date
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRC	U.S. Nuclear Regulatory Commission
NYDES	New York Discharge Elimination System
NYSDEC	New York State Department of Environmental Conservation
NYSEG	New York State Electrical Gas Corporation
O&M	Operations and Maintenance
OB/OD	Open Burning/Open Detonation
OMS	Organizational Maintenance Shop
OU	Operating Unit
OWS	oil/water separator
PA	Preliminary Assessment
PAH	polyaromatic hydrocarbons
PCB	polychlorinated biphenyl
PCE	perchloroethylene
pCi/L	picocuries per liter
PL	Public Law
ppb	parts per billion
ppm	parts per million
PVC	polyvinyl chloride
QA/QC	Quality Assurance/Quality Control

# FINAL

## LIST OF ACRONYMS

---

RBC	Rotating Biological Contractors
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RMIS	Resource Management Information System
ROD	Record of Decision
RSC	Regional Support Command
SEDA	Seneca Army Depot Activity
SI	Site Inspection (or Investigation)
SIC	Standard Industrial Classification
SOD	Seneca Ordnance Depot
SPCCP	Spill Control and Countermeasure Plan
SPL	State Priorities List
SRN	N.Y. State Registration Number
STB	super topical bleach
STP	Sewage Treatment Plant
SVOC	semi-volatile organic compounds
SWMU	solid waste management unit
TAGM	Technical Assistance Guidance Memorandum (NYSDEC)
TCA	trichloroethane
TCE	trichloroethylene
TCL	Target Compound List
TMDE	Test, Measurement and Diagnostic Equipment
TPH	total petroleum hydrocarbon
TSD	treatment, storage, and disposal
TSDF	treatment, storage, and disposal facility
TVH	total volatile hydrocarbon
USACE	U.S. Army Corps of Engineers
USAEC	U.S. Army Environmental Center

# FINAL

## LIST OF ACROYNMS

---

USAEHA	U.S. Army Environmental Hygiene Agency
USAMC	U.S. Army Materiel Command
USATA	U.S. Army Test, Measurement and Diagnostic Equipment Agency
USATHAMA	U.S. Army Toxic and Hazardous Materials Agency
USCG	U.S. Coast Guard
USFS	U.S. Forest Service
USGS	U.S. Geological Survey
UST	underground storage tank
UXO	unexploded ordnance
VOC	volatile organic compound





## **1.0 INTRODUCTION**

The Environmental Baseline Survey (EBS) report for the Seneca Army Depot Activity was prepared by Woodward-Clyde Federal Services (Woodward-Clyde) for the U.S. Army Corps of Engineers (USACE) under Contract No. DACA67-95-D-1001, Delivery Order No. 0010. This section describes the purpose and scope of the work conducted in preparing the U.S. Army Base Realignment and Closure (BRAC) 95 EBS report.

The information provided in this Final EBS Report is current as of July 1996; however, comments received from installation personnel and the regulatory community have been incorporated, as appropriate. The comments and corresponding responses have been compiled in a Comment Response Package that is included as Appendix A.

## **1.1 BRAC PROGRAM OVERVIEW**

Prior to the late 1980s, base closure was a time-consuming and inconsistent process. The Secretary of Defense, in cooperation with Congress, proposed a base closure law to create a process to close bases and bring base infrastructure in line with force structure. Public Law (PL) 100-526, enacted in 1988, created the Commission on Base Realignment and Closure. The law charged the Commission with recommending installations for closure or realignment based on an independent study of the domestic military base structure.

The closure process was refined in PL 101-510, in which Congress created the Defense Base Closure and Realignment Commission. The process identified installations based on eight criteria, including four military value criteria; savings and return-on-investment; and the economic and environmental impacts of closure. The Commission met in 1991, 1993, and 1995, and its recommendations are currently being implemented by the Department of Defense (DOD).

The BRAC environmental restoration program is similar to DOD's Installation Restoration Program (IRP), but it has been expanded to include non-Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) contamination substances that are not normally addressed under the IRP, including asbestos-containing material (ACM), lead-based paint (LBP), polychlorinated biphenyls (PCBs), radon, unexploded ordnance (UXO) and/or ordnance fragments, radionuclides, and pesticides (biocides).

The Community Environmental Response Facilitation Act (CERFA) (PL 102-426) was enacted in 1992 and amends Section 120 of CERCLA. CERFA directs federal agencies to evaluate all base closure and realignment property to identify uncontaminated parcels and allows the transfer or lease of remediated parcels when the successful operation of an approved remedy has been demonstrated. The CERFA identification process considers hazardous substances and petroleum products.

## 1.2 PURPOSE AND SCOPE OF ENVIRONMENTAL BASELINE SURVEY

The BRAC 95 environmental restoration program for the Seneca Army Depot Activity was initiated by conducting an EBS. The EBS included the review of existing installation environmental documents; federal, state, and local government records; and aerial photographs. A site visit, which included visual inspections of site facilities and adjacent properties, and interviews with current and former employees were also conducted. Additionally, reasonably obtainable federal, state, and local government records for adjacent properties were reviewed. The EBS report describes the environmental condition of the property and will be used to support determination of the suitability to transfer or lease.

The purpose of the EBS is to classify discrete areas at the Seneca Army Depot Activity into one of seven standard environmental condition of property area types as defined by CERFA guidance and the DOD *BRAC Cleanup Plan (BCP) Guidebook* (DOD 1993). This is achieved by:

- Identifying, characterizing, and documenting the obviousness of the presence or likely presence of a release or threatened release of a hazardous substance or petroleum product associated with the historical and current use of the Seneca Army Depot Activity.
- Identifying, characterizing, and documenting the obviousness of the presence or likely presence of a release or threatened release of a hazardous substance or petroleum product from an adjacent property that is likely to cause or contribute to contamination at the Seneca Army Depot Activity.

No sampling or analysis activities were conducted during this survey.

### 1.3 DEFINITIONS

The following definitions are used in this report:

- **BRAC property:** The installation real property that is subject to transfer or lease. Real property includes land and rights in land, ground improvements, utility distribution systems, pipes or pipelines, buildings, and other structures located on the property and affixed to the land.
- **Adjacent properties:** Those properties, on or off the installation, contiguous to or nearby the boundaries being surveyed that are likely to cause or contribute to contamination and affect the results of the EBS or the classification of the BRAC property into standard environmental condition of property area types.
- **BRAC parcel:** An area of BRAC property that can be segregated from its surrounding areas based on the environmental condition of the area.
- **Hazardous substances:** Substances listed in 40 Code of Federal Regulations (CFR) 302.4, CERCLA Hazardous Substance Table.
- **Petroleum:** Any petroleum product or its derivatives, including aviation fuel and motor oil.
- **Environmental condition of property area type:** Any of the seven standard environmental condition of property area types (categories) as defined in the CERFA guidance and the DOD *BCP Guidebook* (DOD 1993) and presented in Table 1-1.

**Table 1-1  
ENVIRONMENTAL CONDITION OF PROPERTY DEFINITIONS**

<b>CATEGORY 1</b>
Areas where no storage for one year or longer, release, or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent properties). Additionally, includes areas where no evidence exists for the release, disposal, or migration of hazardous substances or petroleum products; however, the area has been used to store less than reportable quantities of hazardous substances (40 CFR 302.4) or 600 or fewer gallons of petroleum products.
<b>CATEGORY 2</b>
Areas where only storage of hazardous substances in amounts exceeding their reportable quantity or petroleum products exceeding 600 gallons has occurred, but no release, disposal, or migration has occurred.
<b>CATEGORY 3</b>
Areas where storage, release, disposal, or migration of hazardous substances or petroleum products has occurred, but at concentrations that do not require a removal or remedial action.
<b>CATEGORY 4</b>
Areas where storage, release, disposal, or migration of hazardous substances or petroleum products has occurred, and all removal or remedial actions to protect human health and the environment have been taken.
<b>CATEGORY 5</b>
Areas where storage, release, disposal, or migration of hazardous substances or petroleum products has occurred, and removal or remedial actions are underway, but all required actions have not yet been implemented.
<b>CATEGORY 6</b>
Areas where storage, release, disposal, or migration of hazardous substances or petroleum products has occurred, but required removal or remedial actions have not yet been initiated.
<b>CATEGORY 7</b>
Areas that are not evaluated or require additional evaluation.

- **Suitable for transfer:** BRAC parcels that are designated as Category 1, 2, 3, or 4 are suitable for transfer or lease, subject to consideration of the non-CERCLA qualifiers.
- **Not suitable for transfer:** BRAC parcels that are currently designated as Category 5, 6, or 7 are not suitable for transfer.
- **Reserve enclave:** An area of the installation real property that will be retained by DOD. In the case of the Seneca Army Depot Activity, this property was characterized as part of the EBS.
- **Parcel labels:** Each BRAC parcel has been given a number to which appropriate descriptive labels are attached. The numbers consist of a unique parcel

identification number and an environmental condition of the property category number. The labels consist of a designation describing the type of contamination or storage, if applicable. The following designations are used to indicate the type of contamination or storage present in a parcel.

PS = Petroleum storage

PR = Petroleum release or disposal

HS = Hazardous substance storage

HR = Hazardous substance release or disposal

Examples of this identification system follow:

- 2(1) indicates that the second BRAC parcel is designated as a Category 1 parcel.
- 12(3)HR indicates that the twelfth BRAC parcel is designated as Category 3 because of a documented hazardous substance release, but the concentrations do not warrant remediation.
- **Qualified parcels:** Areas containing or suspected of containing non-CERCLA contamination substances that may limit or preclude the transfer or lease of the property for unrestricted use. These parcels are delineated separately and labeled with the letter “Q” for “qualified.” Qualified parcels overlay all environmental condition of the property categories (i.e., Categories 1 through 7). The qualified parcel labels are identified with the following designator, as applicable:

A	=	Asbestos-containing material (ACM)
L	=	Lead-based paint (LBP)
P	=	Polychlorinated biphenyls (PCBs)
R	=	Radon
X	=	Unexploded ordnance (UXO) and/or ordnance fragments
RD	=	Radionuclides

For all parcels, “(P)” is used to indicate that the presence of a contaminant is possible, but that data are unavailable for verification.

For example, the fifth BRAC parcel with the presence of ACM and the possible presence of LBP would be labeled 5Q-A/L(P).

## 1.4 LIMITATIONS

The conclusions presented in this EBS report are based on information that was reasonably available from the designated installation contacts and other public sources at the time the EBS was conducted. In addition, information obtained from interviews has been assumed to be correct and complete unless contradictory information was obtained through other sources.

A representative number of buildings was visually inspected during the EBS field investigation conducted from November 13 through December 12, 1995. A 100 percent visual inspection of all buildings was not practical because of the size of the installation and the number of buildings. Buildings were grouped by “like usage and design” (e.g., storage igloos, warehouses, housing units), and a random sample of approximately 10 percent of these buildings was visually inspected. Similarly, a 100 percent visual survey of all undeveloped areas could not be accomplished. Obvious disturbed areas, areas revealed to be suspect through aerial photograph analysis, and areas identified as being suspect during interviews were visually inspected, as well as a representative sampling of other areas. Visual inspections were not conducted in areas that posed a health and safety risk to the field team (e.g., areas of reported ammunition disposal).

## 1.5 GENERAL GEOGRAPHIC AND ENVIRONMENTAL SETTINGS

### 1.5.1 Demographics

According to the 1990 Census, 33,683 persons lived in Seneca County, New York. This figure indicates that the population has decreased by 50 people since the 1980 census. Just under half of the county’s population reside in one of five villages — Interlaken, Lodi, Ovid, Waterloo, and Seneca Falls — with the latter two villages having the largest population. The towns nearest to the Seneca Army Depot Activity — Varick, Romulus, Ovid, and Covert — have populations of approximately 2,200 people each (STV/Lyon 1990).

### 1.5.2 Physical Setting

The Seneca Army Depot Activity, an active military facility, is located near Romulus, New York, approximately 40 miles south of Lake Ontario. The site is at an elevation of approximately 600 feet above mean sea level (MSL) in an uplands area forming a divide between Cayuga Lake to the east and Seneca Lake to the west, two of the New York Finger Lakes. Most of the surrounding area is characterized by sparsely populated farmlands. Adjacent to the facility on the east is New York State Highway 96 and on the west is New York State Highway 96A (Parsons Engineering Science 1995a). A map of the installation is presented in Figure 1-1.

### 1.5.3 Climatology

The area around the Seneca Army Depot Activity is characterized as cool, with an average January temperature of 23°F and a July average temperature of 69°F. During the summer, and parts of the spring and fall, wide temperature differences between daytime highs and nighttime lows occur. Precipitation is fairly evenly distributed throughout the year, averaging about three inches a month. A significant amount of winter precipitation is provided by nearby Seneca Lake, Cayuga Lake, and Lake Ontario, which also help moderate the local climate. Annual snowfall averages about 60 inches. Wind directions are most commonly westerly and west-southwesterly. Although wind velocities are generally moderate, there are many days during winter months when winds are sufficient to cause blowing and drifting snow (Engineering Science 1994c).

### 1.5.4 Hydrology

Eight drainages draw the surface water from the Seneca Army Depot Activity in two general directions. Ditches and streams carry the surface water from the southern portion of the installation into Indian and Silver Creeks, which flow into Seneca Lake just south of the airfield. Kendaia Creek, which flows into Seneca Lake near the Lake Housing Area, drains the administration and central areas of the depot. Reeder Creek, which also flows into Seneca Lake, drains the northeastern and north-central portions of the Seneca Army Depot Activity. Kendig Creek drains the northeastern portion of the depot, including the area known as the Duck Ponds. This creek flows north into the Cayuga-Seneca Canal, which flows to Cayuga Lake (U.S. Army Toxic and Hazardous Materials Agency [USATHMA] 1980; Engineering Science 1994c).

### 1.5.5 Geology and Soils

Underlying the general area is a broad north-to-south trending series of rock terraces mantled by glacial till. The region is part of the Appalachian Plateau and is underlain by a tectonically undisturbed sequence of Paleozoic shales, sandstones, conglomerates, limestones, and dolostones. The vicinity of the Seneca Army Depot Activity is characterized by Devonian rocks of the Hamilton group that are monoclinaly folded and dip gently to the south. No evidence of faulting or folding is present. A 600- to 1,500-foot thick sequence of limestones, calcareous shales, siltstones, and sandstones characterize the Hamilton group (Parsons Engineering Science 1995a).

Four formations have been identified within the Hamilton group and, from oldest to youngest, they are: the Marcellus, Skaneateles, Ludlowville, and Moscow Formations. Moscow Formation rocks are generally located under the eastern portion of the Seneca Army Depot Activity, while the western portion is located in the older Ludlowville Formation. Both of these formations are typified by gray, calcareous shales and mudstones and thin limestones with numerous horizons of invertebrate fossils. The Skaneateles and Marcellus Formations are black and dark gray fossiliferous shales (Parsons Engineering Science 1995a).

Wisconsin event glacial till deposits overlay the Hamilton Formation shales. The Seneca Army Depot Activity is located on the western edge of a large glacial till plain. Although locally variable, the till is characterized by horizons of unsorted silt, clay, sand, and minor gravel. The thickness of these till deposits is variable across the Seneca Army Depot Activity and generally ranges from 1 to 15 feet, although in some locations the till is more than 30 feet thick. The till is thin, and bedrock is exposed or within three feet of the surface in some locations of the central and eastern portions of the Seneca Army Depot Activity (Parsons Engineering Science 1995a). Soil associations found on the Seneca Army Depot Activity include the Darien-Angola Association that covers the main part of the installation and the Honeoye-Lima Association that is found mainly at the Lake Housing Area. The Darien-Angola Association is characterized by deep to moderately deep, somewhat poorly drained soils that have a silty clay loam and clay loam subsoil. Honeoye-Lima Association soils are deep, well drained soils that have a heavy silt-loam to heavy loam subsoil (Parsons Engineering Science 1995a).

### 1.5.6 Hydrogeology



Within Seneca County, four distinct hydrogeologic units have been identified: two distinct shale formations, a series of limestone units, and unconsolidated glacial drift. Groundwater in the county is minimally acceptable for use as potable water because it is very hard. About 95 percent of the groundwater wells in Seneca County are used for domestic or agricultural purposes and about five percent are used for commercial, industrial, or municipal purposes. Seneca Falls and Waterloo, the two largest communities in the county, both use surface water as municipal supplies, specifically Cayuga Lake and the Seneca River, respectively. Ovid and Interlaken villages both use groundwater for public supplies. Ovid, which is located about five miles south of the Seneca Army Depot Activity, obtains water from two shallow, gravel-packed wells located within a quarter-mile of the center of the village. Interlaken is located about 11 miles south of the Seneca Army Depot Activity and its primary water supply is from a well located about 1.5 miles northeast of the village center. Two wells located about 1.5 miles southwest of the village are used for backup (Parsons Engineering Science 1995a).

Three geologic units are used to produce water for both domestic and agricultural purposes. These units are a bedrock aquifer of predominantly shale, an overburden deposit that includes the glacial till, and a deep aquifer within beds of limestone. Because it is between 100 and 700 feet deep, the limestone source is the least used of the three for water supply. The shale aquifer is the most common source with the glacial till aquifer being intermediate (Parsons Engineering Science 1995a).

Water flow in the unconsolidated glacial till deposits aquifer would be expected to trend in a direction consistent with the ground surface elevations. There is information suggesting that there is a groundwater divide about halfway between Lake Cayuga and Seneca Lake. Seneca Army Depot Activity is located on the western slope of this divide, and groundwater would, therefore, be expected to flow toward Seneca Lake to the west (Parsons Engineering Science 1995a).



**2.0 SOURCES OF INFORMATION**

The EBS investigation meets the requirements of CERCLA (1980) Section 120(h), as amended by CERFA and implemented by DOD. This section describes the sources of information that were used to support the determination of the environmental condition of the Seneca Army Depot Activity property.

**2.1 INSTALLATION/BRAC PROPERTY**

Relevant information and documents that were used to conduct the Seneca Army Depot Activity EBS are identified in the following sections. This information includes environmental studies; federal, state, and local regulatory records; interviews of installation personnel; and visual inspections within an approximately one-mile distance from the installation.

**2.1.1 Existing Documents**

Existing documents were reviewed to evaluate the environmental conditions at the Seneca Army Depot Activity. The 23 documents presented in Table 2-1 are the primary documents used in the preparation of this EBS report. Each document has a document identification number, which is referenced in the CERFA map tables (Table 5-1a and 5-1b) in Section Five. These documents are the primary source of evidence for the resulting environmental condition of property area categorization. A complete list of references is included in Section Six.

**Table 2-1  
PRIMARY DOCUMENTS**

<b>DOCUMENT TITLE</b>	<b>AUTHOR</b>	<b>DATE</b>	<b>EBS SOURCE OF EVIDENCE DOCUMENT IDENTIFICATION NUMBER</b>
<i>Solid Waste Management Classification Study, Seneca Army Depot, Romulus, New York</i>	Engineering Science, Inc.	June 1994	1
<i>Installation Assessment of Seneca Army Depot Activity, Report No. 157</i>	U.S. Army Toxic and Hazardous Materials Agency	January 1980	2

**Table 2-1  
(Continued)**

FINAL

**SECTION TWO**

**SOURCES OF INFORMATION**

DOCUMENT TITLE	AUTHOR	DATE	EBS SOURCE OF EVIDENCE DOCUMENT IDENTIFICATION NUMBER
<i>Update of the Initial Installation Assessment of Seneca Army Depot, New York (Draft Final)</i>	Environmental Science and Engineering, Inc.	March 1988	3
<i>USATHAMA Update of the Initial Installation Assessment of Seneca Army Depot, New York (Final)</i>	Environmental Science and Engineering, Inc.	August 1988	4
<i>Community Relations Plan, Seneca Army Depot, Romulus, New York (Draft)</i>	U.S. Army Toxic and Hazardous Materials Agency	July 1991	5
<i>Generic Installation Remedial Investigation/Feasibility Study (RI/FS) Work Plan, Seneca Army Depot Activity, Romulus, New York</i>	Parsons Engineering Science, Inc.	August 1995	6
<i>Air Pollution Emission Statement for Seneca Army Depot Activity, New York (Final Report)</i>	U.S. Army Environmental Center	September 1994	7
<i>Spill Prevention Control and Countermeasure Plan Including Installation Spill Contingency Plan for Seneca Army Depot, Romulus, New York</i>	Campbell Design Group	March 1993	8
<i>Phase II Analytical/Environmental Assessment Report</i>	Lyon Associates, Inc.	October 1981	9
<i>Phase I Analysis of Existing Facilities/Environmental Assessment Report</i>	Lyon Associates, Inc.	July 1984	10
<i>Seneca Army Depot Activity Base Realignment and Closure 1995 Implementation Plan</i>	Headquarters, Seneca Army Depot Activity	July 1995	11
<i>Investigation and Evaluation of Underground Storage Tanks</i>	U.S. Army Corps of Engineers	September 1989	12
<i>Future Development Master Plan for Seneca Army Depot, Romulus, New York</i>	STV/Lyon Associates	October 1990	13
<i>Army Relative Risk Site Evaluation Scoring, Defense Site Environmental Restoration Tracking System</i>	Unknown	December 1995	14

Table 2-1  
(Continued)

DOCUMENT TITLE	AUTHOR	DATE	EBS SOURCE OF EVIDENCE DOCUMENT IDENTIFICATION NUMBER
<i>Radioactive Materials Decommissioning Survey, Seneca Army Depot Activity</i>	Radiological Assistance Team, Seneca Army Depot Activity	July 1993	15
<i>Expanded Site Inspection Report, Seven Areas of Concern, Seneca Army Depot, Romulus, New York</i>	Engineering Science, Inc.	May 1995	16
<i>Expanded Site Inspection Report, Three Areas of Concern, Seneca Army Depot, Romulus, New York</i>	Engineering Science, Inc.	June 1995	17
<i>Expanded Site Inspection Report, Eight Moderately Low Priority Areas of Concern, Seneca Army Depot, Romulus, New York</i>	Engineering Science, Inc.	April 1995	18
<i>Expanded Site Inspection Report, Seven Low Priority Areas of Concern, Seneca Army Depot, Romulus, New York</i>	Engineering Science, Inc.	April 1995	19
Spills List, January 1991 to November 7, 1995	Seneca Army Depot Activity	November 1995	20
Registered Petroleum Storage Tanks	Seneca Army Depot Activity	November 1996	21
Inventory of Military Real Property as of October 19, 1995	Seneca Army Depot Activity	October 1995	22
<i>Asbestos Management Plan</i>	Seneca Army Depot Activity	Unknown	23

Additional documents collected fall into these general categories:

- Open burning grounds investigations
- Ash landfill investigations
- Groundwater sampling results (various locations)
- Non-CERCLA issues

**2.1.2 Federal, State, and Local Government Regulatory Records**

A search of federal, state, and local records pertaining to the Seneca Army Depot Activity and a search of reasonably obtainable records of adjacent (within a two-mile radius) properties was performed. In addition, a search of the environmental databases listed in Table 2-2 was conducted.

**Table 2-2  
ENVIRONMENTAL DATABASES**

DATABASE	CONTENTS
National Priorities List (NPL)	The NPL lists Superfund sites, which are sites that are determined by the U.S. Environmental Protection Agency (EPA) to pose an immediate public health hazard requiring immediate cleanup response.
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	The EPA CERCLIS database contains information on CERCLA sites, and is updated periodically.
Emergency Response Notification System (ERNS)	EPA maintains ERNS, which is a repository for information on hazardous spills nationwide. This information is based on reports filed by local agencies (e.g., municipal fire, police, or environmental departments), county agencies, state entities, and federal agencies (e.g., U.S. Coast Guard, National Response Center, and EPA).
Resource Conservation and Recovery Act (RCRA) Facilities Database	Facilities listed in this EPA database are RCRA facilities for which a Corrective Action has been issued to address waste handling problems.
Resource Conservation and Recovery Information System (RCRIS)	This database contains information on all RCRA facilities. The facility types include: large quantity generators; small quantity generators; conditionally exempt facilities; transporter facilities; and treatment, storage, and disposal (TSD) facilities. Large quantity generators generate over 1,000 kilograms (kg) hazardous waste/month, or greater than 1 kg acutely hazardous waste as defined by RCRA. Small quantity generators generate more than 100 and less than 1,000 kg of hazardous waste during any calendar month.
Facility Index System (FINDS)	EPA references any facility or event that has been issued an EPA identification number; the EPA program office that issued the identification number is also listed. These listings do not necessarily reflect releases.
State Priorities List	This state of New York database contains sites considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment.

**Table 2-2  
(Continued)**

<b>DATABASE</b>	<b>CONTENTS</b>
New York State Hazardous Waste Sites and Landfills Database	This state of New York database contains state-designated hazardous waste cleanup sites and landfills within a one-mile radius of the Seneca Army Depot Activity.
New York State Registered Underground Storage Tanks (USTs) Database	This database contains information and all known and registered USTs in the state of New York, and is updated periodically.
New York State Leaking Underground Storage Tanks (LUSTs) Database	This database contains information on USTs reported to the state of New York as leaking.

The complete database search report, including a map indicating locations of sites identified below, is provided in Appendix B. These searches produced information related to NPL status, spills, LUSTs, cleanup records, RCRA, CERCLIS, and air emissions. The database search has identified the following information:

- The Seneca Army Depot Activity is a federal Superfund site (NPL).
- It is listed on CERCLIS and EPA FINDS.
- It has had RCRA violations and corrective actions imposed.
- It has reported spill incidents and LUSTs.
- It is on the state cleanup list.
- It operates hazardous waste treatment, storage and disposal facilities.
- It is a hazardous waste generator.
- It has a permit to discharge waste water.
- It produces regulated air emissions.
- It operates a public drinking water system.
- It utilizes aboveground and underground storage tanks.

The database search revealed that the spills listed in Appendix B have occurred at the Seneca Army Depot Activity and have been reported to the New York State Department of

Environmental Conservation (NYSDEC). Table 2-3 (following Section Two) presents spill information based on the database search and installation records. It represents the most up-to-date information available on historic spills at the Seneca Army Depot Activity.

The only spill reported from the ERNS database search was a 3,000-gallon fuel oil spill that occurred on October 5, 1987.

The database search revealed that the LUSTs listed in Appendix B are located at the Seneca Army Depot Activity and have been reported to NYSDEC. Table 2-4 (following Section Two) presents LUST information based on the database search and installation records. It represents the most up-to-date list of LUSTs currently or formerly at the Seneca Army Depot Activity.

State cleanup records indicate that a remedial action is pending at an open dump site at the Seneca Army Depot Activity (Ash Landfill Operating Unit [OU]). The actual status of this OU, however, is that the contaminated soils have been remediated as of June 1995 and the groundwater mitigation control remedy has not been selected.

The database search revealed that the Seneca Army Depot Activity is listed as a RCRA large quantity generator of wastes and as a storage and treatment facility (NY0213820830). This database also shows the LORAN-C facility as a large quantity generator of wastes (NY6690331404). The RCRA compliance history for the Seneca Army Depot Activity and LORAN-C shows no Class One violations. However, there are outstanding compliance issues related to closure and post-closure requirements for the RCRA TSD facilities.

CERCLIS records indicate that five operable units are currently under remedial investigation.

The database search also indicated that the Seneca Army Depot Activity is in compliance with air emissions permit requirements.

### **2.1.2.1 Permits and Permit Applications**

The following permit and permit information is maintained by the Seneca Army Depot Activity:

- Information concerning USTs and aboveground storage tanks (ASTs) was identified in a list provided by the Seneca Army Depot Activity and is included as



Appendix C. The information in this table includes the building location of the tank; the New York State registration number (SRN); the EPA registration number, if registered; capacity in gallons; product stored; type (AST or UST); location (inside or outside); year installed; and service status.

- National Pollution Discharge Elimination System (NPDES) Permit NY0021296 covers both operational sewage treatment plants located at Buildings 4 and 715 (USATHMA 1980).
- The Seneca Army Depot Activity was approved for Part A, Interim Status as a hazardous waste treatment, storage, and disposal facility (TSDF) in 1980. Part B Final Status TSDF was applied for in November 1986 (STV/Lyon Associates 1990).
- DA Authorization A31-60-01 for storage of radioactive calibration and check sources for uranium-235, americium-241, and krypton-85 stored in Buildings 321 and 806 (USATHMA 1980).
- Memorandum regarding authorization for open pit detonation, SDSSE-HE (200-1c) (Absolom n.d.).
- Letter regarding discharge criteria for ash landfill (NYSDEC 1995a).
- Permit application for Part 60 SWM Facility for landspreading sewage treatment plant sludge (NYSDEC 1993c).
- Part 373 permit application for hazardous waste management facilities (Seneca Army Depot Activity 1991).
- Air permits that cover 22 registered point sources (13 active, 9 inactive) at the Seneca Army Depot Activity are listed in Table 2-5 (Seneca Army Depot Activity, List of Air Permits).

**Table 2-5**  
**AIR PERMITS**

PERMIT NUMBER	FACILITY	EXPIRATION DATE	TYPE	STATUS
00113	113	4/1/97	Ventilation	Active
00117	117	4/1/97	Ventilation	Active
01172	117	4/1/97	Ventilation	Inactive
00121	121	4/15/98	Smoke	Active
00319	319	4/15/98	Smoke	Active
00323	323	4/1/97	Ventilation	Active
00367	367	Pending renewal	Smoke	Active
00612	612	4/1/97	Ventilation	Active
0709B	709	4/1/97	Smoke	Inactive
0801B	801	4/1/97	Smoke	Active
00813	813	Unknown	Ventilation	Active
02073	2073	Pending renewal	Ventilation	Active
03171	317	4/1/97	Ventilation	Active
03172	317	4/1/97	Ventilation	Active
3181	318	4/1/97	Ventilation	Inactive
03601	360	4/1/97	Ventilation	Active
03602	360	4/1/97	Ventilation	Inactive
03603	360	4/1/97	Ventilation	Inactive
03604	360	4/1/97	Ventilation	Inactive
07181	718	4/1/97	Smoke	Inactive
07182	718	4/1/97	Smoke	Inactive
07183	718	4/1/97	Smoke	Inactive

### 2.1.2.2 Inspection Reports and Enforcement Actions

The following inspection reports were found on file at the Seneca Army Depot Activity:

- Federal Facility Agreement Under CERCLA Section 120, between EPA Region II, the Department of the Army, and NYSDEC, January 1993 (EPA, Region II et al. 1993)
- Environmental Compliance Assessment System Review for the Seneca Army Depot Activity, U.S. Army Materiel Command (USAMC), April 11-15, 1994 (USAMC 1994)
- Tank Test Results for 1992, 1994, and 1995, Environmental Products and Services (Environmental Products and Services, Inc. n.d.)

- Investigation and Evaluation of Underground Storage Tanks, USACE, Huntsville Division, September 1989 (U.S. Army Corps of Engineers 1989)
- Radioactive Materials Decommissioning Survey, Radiological Assistance Team (Radiological Assistance Team, Seneca Army Depot Activity 1993).
- Innovative Wetlands Wastewater Treatment Project Sampling and Analysis Report, Lozier Laboratories, Inc. (Lozier 1982)
- Memorandum Regarding LBP testing in Buildings 211-A and 234-D and the Lake Housing Area (Seneca Army Depot Activity 1993)
- Pesticide Monitoring Survey evaluating pesticide distribution in selected components of the environment at Seneca Army Depot Activity by the U.S. Army Environmental Hygiene Agency (USAEHA) (USAEHA n.d.)
- Inspection report of registered pesticide applicator by the NYSDEC (NYSDEC 1991)
- NYSDEC Annual Inspection Reports from March and October 1993, and October 1994 (NYSDEC 1993a, 1993b, 1994b)
- Inspection report on 60,000-gallon fuel oil tank (SRN187) from the National Association of Corrosion Engineers (National Association of Corrosion Engineers 1994)
- A water systems operation report from the NYSDEC (NYSDEC 1995b)

### 2.1.3 Aerial Photographs

The Environmental Photographic Interpretation Center (EPIC) conducted an imagery analysis of aerial photographs of the Seneca Army Depot (EPIC n.d.). The year of the analysis is not stated in the report but the photographs used dated from 1954, 1963, 1969, and 1981. This analysis

found two areas that warranted in-depth discussion. Area A is a large demolition ground (Open Burning/Open Demolition Grounds), and Area B is reported to cover most of the potentially hazardous activities and sites at the depot. Area B is located in the east-central part of the depot and it includes the South Admin area, the IPE area, and the former popping plant (Building S-311) and surrounding area.

Aerial photograph analysis was conducted as part of the EBS field investigation for the Seneca Army Depot. A member of the EBS field team was given access to the filing room in the Engineering Office (Building 123). All available historical aerial photographs were reviewed for evidence of past activities that may have involved excavations, dumping areas, or any unexplained disturbance on the ground. The results of the aerial photograph review were then compared to the results of the records review, interviews, visual inspections, and the analysis of the rumored sites.

#### **2.1.4 Existing Property Maps**

Existing property maps were utilized to assist in identifying past usage and practices at the Seneca Army Depot Activity that may have contributed to environmental degradation or concerns. Property maps were also used to determine current physical conditions of the installation and to focus on areas where there may have been concerns regarding past or current waste management practices. A digital base map was provided by the Seneca Army Depot Activity Environmental Office and was used in preparing the CERFA map included with this report.

#### **2.1.5 Interviews**

To facilitate the review of the installation's environmental history and practices, interviews of current and former employees involved in operations were conducted. To ensure the interview process was thorough, standardized interview forms were created and utilized. A sample interview form is presented in Appendix D.

#### **2.1.6 Visual Inspections**

As required by CERCLA 120(h)(4)(A)(iv) and (v) and DOD guidance, a visual inspection of the real property and properties immediately adjacent to the property was conducted and is

addressed in this EBS report. On-site visual inspections of the installation property and adjacent properties were conducted by the EBS field team during the period of November 13 to December 12, 1995. Visual inspections conducted by the field team included grounds, buildings, structures, and equipment. Inspection methods included visual inspections from automobiles and surveys conducted during site walks. To ensure the visual inspections were thorough, standardized visual inspection forms were created and utilized. A sample visual inspection form is presented in Appendix E.

The visual inspection of every building and all undeveloped areas was not possible during the site visit. In areas where there were collections of like buildings with the same use (e.g., storage igloos), a random 10 percent sample was inspected. Areas of possible contamination or areas that were reported in interviews as being suspect were inspected unless doing so posed a health and safety risk to the surveyors. Table 2-6 lists the facilities that were visually inspected. Numerous open areas without buildings were also inspected but are not listed in the table.

**Table 2-6**  
**VISUAL INSPECTIONS CONDUCTED AT**  
**THE SENECA ARMY DEPOT ACTIVITY**

AREA	INSTALLATION FACILITIES
Lake Housing Area	2404, 2408, 2409, 2410, 2411, 2441, 2502, 2509, 2518, S2415, S2423, S2453, S2456, S2470, S2475, S2485
South Depot Area	103, 113, 116, 117, 118, 124, 127, 128, 131, 133, 135, 138, 146
North Depot Area	708, 717, 718, 719, 721, 729, 742, 744, 747
Elliot Acres Housing Area	212, 223, 225, 228, 234
Coast Guard Area	LORAN C and grounds
Special Weapons Area	803, 810, 813, 815, 816, 819
Airfield Area	Range, Sheet Range, 2301, 2302, 2303, 2304, 2305, 2306, 2308, 2310, 2314, 2315
Main Depot Area	102, 301, 304, 516, 606, 1593, 2204, S102, T-307
Main Depot Storage Igloos	A213, A306, A402, A508, A607, A610, A703, A806, A903, A907, A1003, A1101, B509, B601, B703, B801, B811, B902, C107, C203, C309, C402, C510, C603, C705, C801, C910, D111, D206, D212, D310, D404, D405, D507, D611, D612, D704, D811, E107, E203, E313, E410, E508, E704, E708, E811, E805
Warehouse Area	Tank Farm, 323, 324, 333, 346, 356, 374
IPE Area	DRMO Yard, 312, 317, 319, 320, 321, 360, 372

Visual inspections of adjacent properties were performed primarily by automobile surveys and observations from advantageous points. This was supplemented with occasional pedestrian

surveys of areas that presented a ready access. The Seneca Army Depot Activity is mainly surrounded by agricultural land. The town of Willard is situated about one mile southeast of the southeast corner of the depot, and Romulus is located adjacent to the eastern border of the installation near its center.

### **2.1.7 Title Documents**

CERCLA 120(h)(4)(A)(ii) and DOD guidance require a review of the “recorded chain of title documents regarding the real property.” For the EBS, tract maps and title and transfer documents were reviewed to identify the prior property owners at the time of transfer to the U.S. Army. The purpose of this review was to collect additional information concerning the prior use and environmental condition of the property at the time of transfer to the U.S. Army. Previous ownership and the dates of transfer are presented in Appendix F. Copies of the deeds relating to these land transfers are on file at Woodward-Clyde and are available upon request.

**Table 2-3  
SPILL LIST  
SENECA ARMY DEPOT ACTIVITY, NEW YORK**

<b>FACILITY</b>	<b>AGENCY IDENTIFICATION NUMBER</b>	<b>SUBSTANCE</b>	<b>QUANTITY</b>	<b>INCIDENT DATE</b>	<b>STATUS</b>	<b>BRAC PARCEL NUMBER AND LABEL</b>
118	9204312	Diesel	2 gallons	7/15/92	Case Closed/Cleanup Complete	24(3)PS/PR/HS
330	9306000	Hazardous	5 gallons	8/16/93	Case Closed/Cleanup Complete	13(3)HS/HR
Unknown	8801942	Unknown	Unknown	6/1/88	Case Closed/Cleanup Complete	Unknown Location
Unknown	9100783	PCB Oil	Unknown	7/19/89	Case Closed/Cleanup Complete	Unknown Location
367	9310872	Non-hazardous	6 ounces	12/6/93	Case Closed/Cleanup Complete	80(6)PS/HR
2305	9411405	Non-PCB Oil	2 gallons	11/26/94	Case Closed/Cleanup Complete	8(4)PS/PR
319	9402630	No. 6 Fuel Oil	40 gallons	5/23/94	Case Closed/Cleanup Complete	50(5)PS/PR/HR(P)
129	9402116	Diesel	15 gallons	5/12/94	Case Closed/Cleanup Complete	29(3)PS/PR
Open Burning Grounds	9400993	Unknown	530 pounds	4/13/94	Case Closed/Cleanup Complete	104(6)PR/HS/HR
2305	9011429	No. 2 Fuel Oil	25 gallons	1/22/91	Case Closed/Cleanup Complete	8(4)PS/PR
718	8910830	No. 6 Fuel Oil	3,000 gallons	10/5/87	Case Closed/Cleanup Complete	101(6)PS/PR/HS/HR 136(4)PR
2438	9213269	Sewage	500 gallons	2/25/93	Case Closed/Cleanup Complete	129(3)HR
Open Detonation Grounds	9213247	Diesel	80 gallons	3/1/93	Case Closed/Cleanup Complete	104(6)PR/HS/HR
Unknown	9210155	Non-PCB Oil	30 gallons	11/30/92	Case Closed/Cleanup Complete	Unknown Location
2073	9209232	No. 2 Fuel Oil	15 gallons	11/9/92	Case Closed/Cleanup Complete	57(6)PS/PR/HR
331	9208729	Hazardous	3 gallons	10/28/92	Case Closed/Cleanup Complete	14(3)HS/HR
747	9207312	No. 2 Fuel Oil	10 gallons	9/23/92	Case Closed/Cleanup Complete	100(6)PS/PR/HS/HR
Airfield	9210155	Non-Hazardous	30 gallons	11/30/92	Case Closed/Cleanup Complete	2(1)
C509	9206638	Waste Oil	Unknown	9/8/92	Case Closed/Cleanup Complete	132(3)PR/HR(P)
357	9108201	Hazardous	5 gallons	10/30/91	Case Closed/Cleanup Complete	131(3)PS/PR/HS/HR
307	9100990	Hazardous	45 gallons	4/23/91	Case Closed/Cleanup Complete	19(3)HS/HR
Airfield	9100721	Jet Fuel	18 gallons	4/17/91	Case Closed/Cleanup Complete	56(6)PR
Parking Lot	9502235	Non-PCB Oil	5 gallons	5/23/95	Case Closed/Cleanup Complete	Unknown Location
2134	9413197	Diesel	100 gallons	1/4/95	Case Closed/Cleanup Complete	104(6)PR/HS/HR
LORAN-C	9306216	Diesel	Unknown	8/21/91	Case Closed/Cleanup Complete	44(3)PR/HR
357	9004170	Hazardous	5 gallons	7/13/90	Case Closed/Cleanup Complete	131(3)PS/PR/HS/HR
357	9202883	Hazardous	5 gallons	6/9/92	Case Closed/Cleanup Complete	131(3)PS/PR/HS/HR

**Table 2-3  
(Continued)**

<b>FACILITY</b>	<b>AGENCY IDENTIFICATION NUMBER</b>	<b>SUBSTANCE</b>	<b>QUANTITY</b>	<b>INCIDENT DATE</b>	<b>STATUS</b>	<b>BRAC PARCEL NUMBER AND LABEL</b>
357	9200908	Hazardous	1 gallons	4/23/92	Case Closed/Cleanup Complete	131(3)PS/PR/HS/HR
718	9313511	Hazardous	3 ounces	2/17/94	Case Closed/Cleanup Complete	101(6)PS/PR/HS/HR
357	9200414	Hazardous	2 gallons	4/10/92	Case Closed/Cleanup Complete	131(3)PS/PR/HS/HR
349	8904332	Unknown	Unknown	7/31/89	Case Closed/Cleanup Complete	130(3)PR/HR(P)
349	8604874	No. 6 Fuel Oil	5 gallons	10/30/86	Case Closed/Cleanup Complete	130(3)PR/HR(P)
Airfield	9112997	Jet Fuel	15 gallons	3/23/92	Case Closed/Cleanup Complete	56(6)PR
323	9112897	Hazardous	3 gallons	3/18/92	Case Closed/Cleanup Complete	17(3)HS/HR
319	9111882	No. 6 Fuel Oil	30 gallons	2/19/92	Case Closed/Cleanup Complete	50(5)PS/PR/HR(P)
349	9109685	Non-PCB Oil	5 gallons	12/10/91	Case Closed/Cleanup Complete	130(3)PR/HR(P)



**Table 2-4  
LEAKING UNDERGROUND STORAGE TANKS  
SENECA ARMY DEPOT ACTIVITY, NEW YORK**

<b>FACILITY</b>	<b>AGENCY IDENTIFICATION NUMBER</b>	<b>SUBSTANCE</b>	<b>QUANTITY</b>	<b>DATE</b>	<b>STATUS</b>	<b>BRAC PARCEL NUMBER AND LABEL</b>
710	8907242	No. 2 Fuel Oil	Unknown	10/20/89	Case Closed/Cleanup Complete	37(4)PS/PR
806	8907722	No. 2 Fuel Oil	Unknown	11/1/89	Case Closed/Cleanup Complete	98(6)PS/PR/HS/HR
212	8910053	No. 2 Fuel Oil	Unknown	1/19/90	Case Closed/Cleanup Complete	135(4)PS/PR
2452	9204266	No. 2 Fuel Oil	Unknown	7/14/92	Case Closed/Cleanup Complete	133(4)PS/PR
Open Detonation Grounds	9400104	No. 2 Fuel Oil	100 gallons	4/4/94	Case Closed/Cleanup Complete	104(6)PR/HS/HR
S-311	9307284	No. 2 Fuel Oil	20 gallons	9/15/93	Case Open	82(6)PS/PR/HS/HR
138	9209672	No. 2 Fuel Oil	1900 gallons	11/19/92	Case Closed/Cleanup Complete	52(5)PR
319	9402630	Gasoline	40 gallons	5/23/94	Case Closed/Cleanup Complete	50(5)PS/PR/HR(P)
2310	9402116	Jet Fuel	Unknown	9/22/88	Case Closed/Cleanup Complete	6(4)PS/PR
Unknown	9400993	Gasoline	Unknown	12/8/87	Case Closed/Cleanup Complete	Unknown Location
2305	9011429	No. 2 Fuel Oil	Unknown	11/16/87	Case Closed/Cleanup Complete	8(4)PS/PR
752	9207220	No. 2 Fuel Oil	7 gallons	9/22/92	Case Closed/Cleanup Complete	134(4)PS/PR
807	9412037	Gasoline	7 gallons	9/10/91	Case Closed/Cleanup Complete	98(6)PS/PR/HS/HR
Unknown	8706958	No. 2 Fuel Oil	3 gallons	12/8/94	Case Closed/Cleanup Complete	Unknown Location
2079	9307375	No. 6 Fuel Oil	Unknown	9/17/93	Case Closed/Cleanup Complete	57(6)PS/PR/HR
357	8708149	No. 2 Fuel Oil	75 gallons	12/19/87	Case Closed/Cleanup Complete	131(3)PS/PR/HS/HR



### **3.0 PROPERTY CHARACTERIZATION**

This section presents an overview of past and current operations at the Seneca Army Depot Activity and a discussion of potential environmental contamination associated with these operations. It provides a description of the installation facilities and addresses past and current waste management practices at the Seneca Army Depot Activity.

#### **3.1 PROPERTY OVERVIEW**

Historic land uses of the Seneca Army Depot Activity have been documented in reports prepared by the USACE and its subcontractors. Information was collected through record searches, interviews, and map and aerial photographs reviews. In addition, this section contains a general description of each facility within the installation as described through existing documentation or site visits.

#### **3.2 INSTALLATION HISTORY AND MISSION**

The Seneca Army Depot Activity, a military installation in upstate New York, was originally established as the Seneca Ordnance Depot (SOD) in July 1941. The facility originally covered about 10,600 acres of land in Seneca County. An airstrip from the former Sampson Air Force Base was acquired later. The North Depot Activity was consolidated with SOD in October 1961 and overall command was assumed by the Commanding Officer, SOD. In August 1963, SOD was transferred to the U.S. Army Supply and Maintenance Command from the Chief of Ordnance and renamed the Seneca Army Depot. The Seneca Army Depot was reassigned to the U.S. Army Materiel Development and Readiness Command (DARCOM), now the U.S. Army Materiel Command, on July 1, 1966. On September 1, 1976, the U.S. Army Depot Systems Command (DESCOM) was activated with command and control over all DARCOM depots. In 1993, significant downsizing in the military led to the renaming of the depot to the Seneca Army Depot Activity.

Employment of civilians reached a peak at 2,511 personnel in July 1943 and reached a pre-BRAC low of 595 in 1946. During the Korean conflict, 300 to 400 military personnel were assigned to the Seneca Army Depot, supplemented by 803 to 1,821 civilian personnel. In the 1970s, civilian employment averaged about 700. As of September 30, 1995, the Seneca Army Depot Activity employed one military and 236 civilian personnel.

At this time, the Seneca Army Depot Activity encompasses 10,634 acres, and closure is the primary mission. Other missions concurrently being carried out include:

- Storage, issue, maintenance, and demilitarization of conventional munitions
- Storage and issue of general supplies, including hazardous materials
- Continental U.S. Care of Materials in Storage for U.S. Army Reserve Command
- Strategic and critical materials storage
- Logistics support and training assistance to the U.S. Army Reserve and National Guard units

The following organizations have been identified as presently being on-site tenant organizations:

- New York National Guard
- U.S. Coast Guard LORAN-C Transmitting Station
- Defense Finance and Accounting Service (closed May 1996)
- U.S. Army Test, Measurement, and Diagnostic Equipment Support Operations
- Defense Reutilization and Marketing Office, Romulus Branch
- U.S. Army Health Clinic
- Civilian Personnel Office (scheduled for shutdown September 1996)

### **3.3 DESCRIPTION OF FACILITIES**

The Seneca Army Depot Activity has 927 structures, including 35 maintenance shops, a machine shop, and other types of facilities that relate to its overall infrastructure and specific missions. Infrastructure-related facilities include 139 miles of roads, 42 miles of railroad track, two sewage treatment plants, a water treatment plant, an uncontaminated trash incinerator, soldier support facilities, and an airfield with a 7,000-foot runway and refueling services of up to 43,300 gallons of jet petroleum grade 8 (JP8). Figure 3-1 presents the general layout of the Seneca Army Depot Activity.

Soldier support facilities include:

# FINAL

## SECTION THREE

## PROPERTY CHARACTERIZATION

---

- Modern 450-person barracks complex
- 180 sets of family quarters
- Dining facility
- Child care center
- Education center
- Gymnasium
- Racquetball courts
- Bowling alley
- Swimming pool
- Athletic fields
- PX/Commissary
- PX gas station
- Auto craft shop
- Ceramics shop
- Woodshop
- Chapel
- Theater
- Army travel camp
- Recreation area at the lake

Facilities related to conventional munitions storage include:

- 519 earth-covered igloo magazines
- 8 standard magazines
- 2 inert warehouses
- 2 small arms warehouses
- 3 modern maintenance facilities

Demilitarization facilities include:

- Ammunition Peculiar Equipment (APE) 1236 Deactivation Furnace equipped with EPA-approved, emission control system
- Modern, fully equipped facilities for performing disassembly demilitarization of conventional ammunition
- On-site demolition grounds for demilitarization of ammunition through controlled open detonation and burning

General supply, hazardous materials, and industrial plant equipment (IPE) storage facilities include:

- 19 general purpose warehouses

- 6 humidity-controlled warehouses
- 1 conforming hazardous materials warehouse
- 6 improved outside storage sites
- 2 storage sheds

Facilities related to U.S. Army Reserve and National Guard training include:

- Small arms firing range
- Grenade range
- Bivouac site
- Tactical and engineer training areas
- Inspection, maintenance, and demilitarization facilities

Other on-site assets include:

- Machine shop
- Woodshop
- Air-assisted “airless” Chemical Agent Resistant Coating (CARC)-capable paint booth
- Test, Measurement, and Diagnostic Equipment (TMDE) calibration laboratory
- Prototype fabrication facility

### **3.3.1 Mission Related Activities**

For the purposes of the EBS field survey and this report, the depot has been divided into six geographic areas.

- Main Depot Area
- North Depot and Special Weapons Area
- South Depot Area
- Airfield Area
- Lake Housing Area
- Coast Guard Area

These areas are based on those presented in a master plan developed for the depot in 1990 (STV/Lyon Associates 1990). These areas are related to functional history and land use at the depot and are used here to facilitate the ultimate goal of BRAC, which is efficient transfer and reuse. In the following sections, the different types of activities that occur within these areas are discussed, and various, less formally recognized, subareas are described. The main geographic areas and the subareas are depicted in Figure 3-1. The data appearing in the tables accompanying this section were derived from a real property inventory on file at the installation (Seneca Army Depot Activity 1995b).

Seventy-two areas at the installation are known solid waste management units (SWMUs). They have been previously classified in order of cleanup priority. These SWMUs have all been given numerical designations with the prefix SEAD- (e.g., SEAD-1, SEAD-2, etc.).

### 3.3.1.1 Main Depot Area

The Main Depot Area is the largest geographic area at the depot. This area includes facilities that are used for the storage of munitions and general purpose supplies, munitions disposal, industrial activities, administration/support, and training. Munitions and general purpose storage facilities cover approximately 6,681 acres of the Main Depot Area. The Seneca Army Depot Activity has been used for storage and disposal of military explosives since its inception in 1941. Prior to BRAC, its primary mission was the receipt, storage, maintenance, and supply of munitions. Another activity of importance has been the storage of general purpose materials and equipment. This activity has included the storage of both hazardous and non-hazardous materials. The majority of the facilities associated with this activity are concentrated in the Warehouse Subarea. In general, industrial activities at the depot have included restoration and renovation of munitions, IPE renovation, and mission support activities. Facilities related to these activities are found throughout the Main Depot Area. Several facilities related to the

administration/support of mission activities are found at various locations within the Main Depot Area. Finally, several areas of the Main Depot Area have been used for military training activities.

**Munitions Storage.** The principal area used for the storage of munitions is centrally located within the Main Depot Area. This area is also known as the Ammunition Storage Area or “Ammo” Area. Facilities in this area that are used for the storage of munitions are listed in Table 3-1.

**Table 3-1  
MAIN DEPOT AREA  
MUNITIONS STORAGE**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
9	General Non-Hazardous Storage Shed	1942	824
12	General Non-Hazardous Storage Shed	1942	824
2086	Administration General Purpose/Yard Office	1942	762
2117	Storage of Ammunition	1942	11,296
2118	Storage of Ammunition	1942	11,296
2119	Storage of Ammunition	1942	11,296
2120	Storage of Ammunition	1942	11,296
2121	Storage of Ammunition	1942	11,296
2122	Storage of Ammunition	1942	11,296
2123	Storage of Ammunition	1942	11,296
2124	Storage of Ammunition	1942	11,296
2126	Ammunition Warehouse	1942	824
2129	Ammunition Warehouse	1942	824
2132	Igloo Storage Depot	1992	100
2133	Igloo Storage Depot	1992	100
2200	Ammunition Warehouse	1942	824
2202	Loading Platform with Shed	1942	144
2203	Loading Platform	1942	100
2204	Ammunition Warehouse	1942	824
A0702-711	Igloo Storage Depot	1942	1,816
A0801-811	Igloo Storage Depot	1942	1,816
A0901-910	Igloo Storage Depot	1942	1,816
A1001-A1012	Igloo Storage Depot	1942	1,816
A1101-A1111	Igloo Storage Depot	1942	1,816
B0101-B0112	Igloo Storage Depot	1942	1,816
B0201-B0211	Igloo Storage Depot	1942	1,816

**Table 3-1  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
--------------	----------	------------	-------



B0301-B0311	Igloo Storage Depot	1942	1,816
B0401-B0411	Igloo Storage Depot	1942	1,816
B0501-B0511	Igloo Storage Depot	1942	1,816
B0601-B0611	Igloo Storage Depot	1942	1,816
B0701-B0711	Igloo Storage Depot	1942	1,816
B0801-B0811	Igloo Storage Depot	1942	1,816
B0901-B0911	Igloo Storage Depot	1942	1,816
C0101-C0111	Igloo Storage Depot	1942	1,816
C0201-C0211	Igloo Storage Depot	1942	1,816
C0301-C0311	Igloo Storage Depot	1942	1,816
C0401-C0412	Igloo Storage Depot	1942	1,816
C0501-C0513	Igloo Storage Depot	1942	1,816
C0601-C0611	Igloo Storage Depot	1942	1,816
C0701-C0709	Igloo Storage Depot	1942	1,816
C0801-C0809	Igloo Storage Depot	1942	1,816
C0901-C0913	Igloo Storage Depot	1942	1,816
D0101-D0113	Igloo Storage Depot	1942	1,816
D0201-D0212	Igloo Storage Depot	1942	1,816
D0301-D0313	Igloo Storage Depot	1942	1,816
D0401-D013	Igloo Storage Depot	1942	1,816
D0501-D0513	Igloo Storage Depot	1942	1,816
D0601-D0612	Igloo Storage Depot	1942	1,816
D0701-D0712	Igloo Storage Depot	1942	1,816
D0801-D0812	Igloo Storage Depot	1942	1,816
E0101-E0114	Igloo Storage Depot	1942	1,816
E0201-E0214	Igloo Storage Depot	1942	1,816
E0301-E0313	Igloo Storage Depot	1942	1,816
E0401-E0413	Igloo Storage Depot	1942	1,816
E0501-E0513	Igloo Storage Depot	1942	1,816
E0601-E0611	Igloo Storage Depot	1942	1,816
E0701-E0711	Igloo Storage Depot	1942	1,816
E0801-E0811	Igloo Storage Depot (SEAD-48)	1942	1,816

A portion of the Main Depot Area known as the “50 Area” is located west of Seneca Road and south of Indian Creek Road. This undeveloped area was reportedly used for dumping and is discussed further in Sections Four and Five.

**General Purpose Storage Activities.** General purpose storage facilities are used for the storage of hazardous and non-hazardous materials, and the facilities relating to these activities are listed in Table 3-2.

**Table 3-2**  
**MAIN DEPOT AREA**  
**GENERAL PURPOSE STORAGE FACILITIES**

FINAL

**SECTION THREE**

**PROPERTY CHARACTERIZATION**

FACILITY NO.	FUNCTION	DATE BUILT	SQ FT
301	PCB Transformer Storage Facility (SEAD-2)	1942	824
304	General Non-Hazardous Storage	1942	824
307	Hazardous Waste Container Storage Facility (SEAD-1)	1981	2000
323	Hazardous Storage/General Purpose Installation	1942	69,500
324	Hazardous Storage General Purpose Depot/Standard Warehouse	1942	824
325	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
326	Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
327	Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
328	Non-Hazardous Storage Warehouse	1942	90,000
329	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
330	Hazardous Storage Warehouse	1943	90,000
331	Hazardous Storage General Purpose Depot/Storage Warehouse	1942	90,000
332	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
333	Hazardous Storage General Purpose Depot/Storage Warehouse	1942	90,000
339	Controlled Humidity Warehouse	1942	90,000
340	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
341	Controlled Humidity Warehouse	1942	90,000
342	Controlled Humidity Warehouse	1942	90,000
343	Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
345	Controlled Humidity Warehouse	1942	90,000
346	Controlled Humidity Warehouse	1942	90,000
347	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
348	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
349	Controlled Humidity Warehouse	1942	90,000
350	Non-Hazardous Storage General Purpose Depot/Standard Warehouse	1942	90,000
356	Hazardous Storage General Purpose Depot/Standard Warehouse (SEAD-49)	1953	203,145

**Table 3-2  
(Continued)**

FACILITY NO.	FUNCTION	DATE BUILT	SQ FT
357	Hazardous Storage General Purpose Depot/Standard Warehouse (SEAD-55)	1953	203,145
369/607	Non-Hazardous Store House	1956	432
371	Non-Hazardous Storage General Purpose Depot	1988	2,245
372	Non-Hazardous Storage General Purpose Depot	1988	2,245
374	Acetylene Storage Installation	1990	2,100
375	Flammable Materials Storage Installation	1992	216
376	Non-Hazardous Storage General Purpose Depot	1993	6,000

**Munitions Disposal.** Several areas and facilities at the depot have been used for the demilitarization and disposal of munitions. Presently, munitions are the only hazardous material that is disposed of on site. The Open Burning/Open Demolition (OB/OD) Grounds, located in the northwest corner of the depot, is still in use for munitions disposal. This area includes three of the currently recognized SWMUs—SEAD-23, SEAD-45, and SEAD-57. A munitions deactivation furnace at Building 311 (SEAD-16) was used to destroy small arms munitions from 1945 to the mid-1960s. A second deactivation furnace at Building 367 (SEAD-17) has been used to destroy small arms, fuses, boosters, and other firing devices since 1962. Larger munitions, projectiles, and explosives cannot be destroyed in the furnace. They must be dismantled and the powder and/or propellant removed. These activities were conducted from 1948 to 1963 in Buildings 2073 to 2079, 2084, and 2085. This area is known as the Munitions Washout Plant (SEAD-4) and is currently dismantled. This activity is presently accomplished in Buildings 608 to 612 (SEAD-52). From the 1940s to the 1950s, powder was disposed of in the Powder Burning Pit (SEAD-24), located in the west-central part of the Main Depot Area, just south of Kendaia Creek. Information regarding munitions disposal facilities is presented in Table 3-3.

**Table 3-3  
MAIN DEPOT AREA  
MUNITIONS DISPOSAL FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
311	Old Popping Plant (SEAD-16)	1942	11,628
366	Power Collect/Barricade	1950	950

**Table 3-3  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
367	Demolition Furnace (SEAD-17)	1961	3,640
606	Pest Control (SEADs 43 and 56)	1956	3,414
608	Service Magazine Building (SEAD-52)	1954	350
609	Heating Plant (SEAD-52)	1954	692
610	Vacuum Collect/Barricade (SEAD-52)	1954	513
611	Flammable Storage (SEAD-52)	1954	400

612	Ammunition Renovation Shop (SEAD-52)	1954	18,393
2073	Ammunition Refinish (SEAD-4)	1950	3,683
2074	Non-Hazardous Storage (SEAD-4)	1950	158
2075	Ammunition Vacuum System (SEAD-4)	1950	120
2076	Break/Changing Area (SEAD-4)	1953	5,440
2077	Non-Hazardous Materials Storage (SEAD-4)	1942	565
2078	Process/Condition Ammunition	1942	7,494
2079	Boiler Plant (SEADS 4 and 38)	1947	1,926
2084	Process/Condition Ammunition (SEAD-4)	1950	5,480
2085	Process Condition Ammunition (SEAD-4)	1950	1,642
2104	Change House (OB/OD Grounds)	1951	1,300
2105	Non-Hazardous Storage Building (OB/OD Grounds)	1945	21,448
2106	Equipment Shelter (OB/OD Grounds)	1950	585
2107	Remote Control Shelter (OB/OD Grounds)	1950	64

**Industrial Operations.** Industrial activities carried out at the Seneca Army Depot Activity have included the restoration of conventional and guided missile ammunition, munitions maintenance and demilitarization, and industrial plant equipment restoration. Typical operations include degreasing, spray painting, steam cleaning, alkaline washing, boiler plant maintenance, welding and soldering, filling and charging batteries, woodworking, machining, grinding, paint removal, lubricating and tuning vehicles, and preservative coating of metals (USATHMA 1980).

Effluents from these operations have included solvents, preservatives, grease, metal dusts (including lead- and cadmium-bearing silver solders), acids, alkalis, and propellant and explosive dusts. Effluent disposal operations have included distillation and reuses of solvents, burning sludges in the Open Burning Ground, running overflow from oil separators into the storm drain system, burning waste oil at the Open Burning Ground, discharging boiler plant blowdown onto the ground or into drainage ditches, disposing of spot cleaning and wiping rags in the incinerator, resale of waste oils by the Property Disposal Yard, burning of some flammable materials by the fire department for training purposes, and disposal of some used oil by burning in the depot oil burner (USATHMA 1980).

Steam cleaning facilities are equipped with oil/grease separators, and used solvents are disposed of off depot by a contractor. Self-contained degreasing units were installed after 1985, and all waste is disposed of by a contractor off site. Used motor oil was mixed with No. 6 fuel oil and burned in the three boiler houses (Buildings 120, 319, and 718) until the 1980s. After that time, Buildings 120 and 319 no longer burned the used motor oil mixture. However, Building 718 had one of its boilers retrofitted to burn used motor oil without mixing and continued to burn used motor oil until its removal from service in 1993. Presently, used motor oil is picked up by contract and disposed of off site. Table 3-4 lists the facilities used in munitions restoration activities.

**Table 3-4  
MAIN DEPOT AREA  
MUNITIONS RESTORATION FACILITIES**

<b>FACILITY NO.</b>	<b>FUNCTION</b>	<b>YEAR BUILT</b>	<b>SQ FT</b>
5	Bundle Ammunition Packing	1942	11,754
6	Heating Plant	1942	607
7	Bundle Ammunition Packing	1942	11,754
306	Ammunition Inspection Workshop	1942	5,413
308	Heating Plant	1942	531
309	Administration	1944	8,241
310	Change House	1955	840

Other industrial operations at the Seneca Army Depot Activity are carried out in the IPE Subarea. Activities conducted here have included the rebuilding of industrial production equipment and maintenance of vehicles and other industrial stock items. IPE facilities are listed in Table 3-5.

**Table 3-5  
MAIN DEPOT AREA  
INDUSTRIAL PLANT EQUIPMENT FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
316	Shop 1	1942	18,615
317	Shop 2	1942	26,429
318	Shop 3	1942	18,615
372	Hazardous Storage General Purpose Depot	1988	5,600

**Administration/Support.** Main Depot administration/support activities cover about 200 acres and include the facilities listed in Table 3-6.

**Table 3-6  
MAIN DEPOT AREA  
ADMINISTRATIVE/SUPPORT FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
308	Heating Plant	1942	531
309	Administration	1944	8,241
312	Flammable Storage	1942	12,000
313	Sentry Station	1942	150
314	Sewage Treatment Plant (SEAD-22)	1951	439
319	Heating Plant Building (SEADs 37 and 40)	1942	2,868
320	Machine Shop	1942	16,300
321	Test, Measurement, Diagnostic Equipment (SEAD-47) Calibration Lab	1942	8,400
321	Administration General Purpose	1942	3,600
322	Flammable Storage	1955	256
335	Old Pest Control Shop (SEAD-68)	1956	3,827

**Table 3-6  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
353	Water Plant	1954	1,642
359	Sentry Post No. 6	1953	150
360	Maintenance General Purpose (SEAD-27)	1980	8,660

360	Administration General Purpose	1980	1,024
363	Sewage Lift Station	1974	96
366	Power Collect/Barricade	1950	950

**Training Ranges.** Approximately 900 acres of the Main Depot Area is used for military training of soldiers and National Guard troops. Historically, the depot has provided training support for all branches of the military and the National Guard. This principally involved annual training for National Guard personnel and reservists. As of July 31, 1996, all training activities at the depot were discontinued. Training ranges in the Main Depot Area were located in four different areas. These included the Duck Ponds Subarea, a marshy, wooded area with ponds in the northeastern corner of the depot; an open, undeveloped area north of Buildings 306 and 308; the wooded, undeveloped area between the southernmost row of storage igloos and the southern perimeter fenceline; and the area south of the OB/OD Grounds on both sides of the East-West Baseline Road. Live-fire training activities were confined to designated firing ranges and to the training area along the East-West Baseline Road. These areas are discussed further in Sections Four and Five. One structure, summarized in Table 3-7, is associated with training activities in the Main Depot Area.

**Table 3-7  
MAIN DEPOT AREA  
TRAINING FACILITY**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
373	Covered Training Area	1951	1,052

**3.3.1.2 North Depot and Special Weapons Areas**

In 1956, the North Depot Activity was established with a special weapons mission. This mission was terminated in 1993 by Executive Order of the President. Areas associated with this mission are the North Depot and Special Weapons Areas. The North Depot Area contains facilities for maintenance activities (23 acres), industrial activities (1 acre), administration facilities (5 acres), troop housing (8 acres), community facilities (71 acres), outdoor recreation facilities (12 acres), and training ranges (30 acres). The facilities listed in Table 3-8 are located in this area.

**Table 3-8  
NORTH DEPOT AREA FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
701	Administration	1956	14,280
702	Drug/Alcohol Abuse	1954	1,000
702	Administration General Purpose	1954	1,100
702	Technical Library	1954	1,381
702	Office	1954	1,629
702	Bachelor Officers' Quarters	1954	13,168
703	Barracks	1982	40,572
704	Barracks	1957	31,112
705A	Skill Development Center (Arts and Crafts)	1959	3,843
705	Recreation Center	1959	7,996
706	Post Theater	1956	3,705
707	Dining Facility	1956	11,552
707	Exchange Main Store	1956	7,372
708	Barracks	1957	31,112
709	Classified Document Incinerator (SEAD-18)	1956	15
710	Administration	1956	3,280
711	Sentry Station Post 3	1961	86
S-714	Bowling Center	1955	7,633
715	Sewage Treatment Plant (SEAD-21)	1942	4,792
716	Oil Pump House	1956	144
718	Boiler Plant (SEADs 35 and 41)	1956	3,224
719	Office Building	1956	144
720	Motor Vehicle Shop	1956	4,282
721	Gas Pump House	1956	177
722	Fire Station	1956	4,700

**Table 3-8  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
723	Commissary	1956	17,209
723	Physical Fitness Center	1956	5,967
724	Veterinary Facility	1952	540
724	Mixed Case Development	1952	8,460
725	Battery Storage	1956	177
726	Security Maintenance	1956	967
727	Storage	1956	1,320
728	Parts Building	1956	177
729	Security Headquarters	1956	4,620
731	Restaurant	1962; Renovated 1992	6,874



FINAL

**SECTION THREE**

**PROPERTY CHARACTERIZATION**

732	Auto Shop/Car Wash	1962	3,584
733	Bath House	1971	530
740	Chapel	1959	2,084
740	Child Development Center	1959	2,414
742	Post Exchange Gas Station	1962	1,392
743	Exchange Branch	1977	500
744	Gymnasium	1981	18,079
746	Vehicle Maintenance	1982	4,239
747	Auto Maintenance and Training	1982	8,700
748	Bivouac Building	1985	13,675
749	Dog Kennel	1986	Unknown
750	Army Community Service	1986	2,407
751	Equipment Rental	1987	5,013
752	Child Care Center	1988	6,596
753	Guard Shack	1987	35
754	Power Plant Building	1987	138
755	Non-Hazardous Storage General Purpose Installation	1990	900

The Special Weapons Area includes facilities encompassing 700 acres that have been used for the storage of special weapons. Table 3-9 lists the Special Weapons Area facilities.

**Table 3-9  
SPECIAL WEAPONS AREA FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
800	Sentry Station Post 3	1981	1,272
801	Classified Document Incinerator (SEAD-19)	1956	15
802	Administration	1956	5,206
803	Mixed Waste Storage (SEAD-72)	1956	2,803
804	Electronic Maintenance Building	1957	1,334
805	Equipment Building	1957	440
806	Technical Training (SEAD-47)	1958	4,000
807	Supply Support Shop	1958	4,000
809	Flammable Storage	1957	177
810	General Non-Hazardous Warehouse	1957	37,973
812	Security Control Center	1957	10,686
813	Storage Workshop	1957	4,348

814	Spray Paint Building	1957	3,582
815	Shop	1957	11,072
816	Shop	1956	15,373
817	Shop	1959	944
819	Weapon Assembly	1957	8,267
823	General Purpose Magazine Depot	1943	69
824	Loading Platform Blocking/Banding	1961	3,899
825	Non-Hazardous Warehouse	1959	4,000
827	Water Control Facility	1984	149
A0101-102	Igloo Storage Depot	1943	1,221
A0201, 203, 205, 207, 209, 211, 213, 215, 217	Igloo Storage Depot	1957	2,421
A0202, 204, 206, 208, 210, 212, 214, 216, 218	Igloo Storage Depot	1942	1,816
A0301, 303, 305, 307, 309, 311, 313, 315, 317	Igloo Storage Depot	1942	1,816
A0302, 304, 306, 308, 310, 312, 314, 316	Igloo Storage Depot	1957	2,421

**Table 3-9  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
A0401-409	Igloo Storage Depot	1942	1,816
A0501-508	Igloo Storage Depot	1942	1,816
A0601-610	Igloo Storage Depot	1942	1,816

Much of the details regarding the special weapons mission at the depot remains classified. Information regarding specific weapons and specific activities is not available. General information regarding which radioisotopes may be present in a particular building and which hazardous substances were used in a particular building is available. This information is presented in Table 3-10.

**Table 3-10**  
**RADIOISOTOPES AND OTHER HAZARDOUS SUBSTANCES**

BUILDING NO.	RADIOISOTOPES	OTHER HAZARDOUS SUBSTANCES
803	U235, U238, Pu239, H3, Ra226, Co60, Co57	None
804	U235, U238, Pu239, H3, Ra226	Solvents, lead-based paints, chromate-based paints
806	None	Lead/heavy metals, acid, solvents
810	U238, H3, Ra226, Co60	Lead/heavy metals, lead-based paints, chromate-based paints
812	Ra226, Pm147, H3	Solvents, POLs
813	None	Lead-based paints, chromate-based paints, solvents
814	None	Solvents, POLs, lead-based paints, chromate-based paints, acids, heavy metals
815 and 816	U235, U238, Pu239, H3, Co60, Pm147, Ra226	Solvents, heavy metals, acid, asbestos, lead-based paints, chromate-based paints
817	None	Lead-based paints, chromate-based paints
819	Ra226, U235, U238, Co60, Pu239, H3	Di-isocyanates, heavy metals, acid, lead-based paints, chromate-based paints, solvents, asbestos

### 3.3.1.3 South Depot Area

The South Depot Area is the main administrative and support area for directing the operations of the entire depot. Facilities related to administration (30 acres), maintenance (15 acres), medical (3 acres), family housing (90 acres), community (71 acres), and outdoor recreation (12 acres) activities are located in this area. The family housing area at the South Depot is known as Elliot Acres. Table 3-11 lists the facilities located in the South Depot Area.

**Table 3-11**  
**SOUTH DEPOT AREA FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
1	Break/Lunch Room	1972	256
4	Sewage Treatment Plant (SEAD-20)	1942	540
9	General Storage Shed	1942	824
12	General Storage Shed	1942	824

FINAL

**SECTION THREE**

**PROPERTY CHARACTERIZATION**

14	Sewage/Wastewater Treatment	1984	473
101	Post Headquarters	1942	14,772
102	Transformer House	1942	428
103	Administration General Purpose	1942	1,800
104	Sentry Station Post 1	1942	462
106	Engineering Maintenance Facility	1977	720
106	Health Clinic (SEAD-42)	1977	9,875
106	Dental Clinic	1977	468
107	Power Plant Building	1990	160
110	Scale House	1942	120
110A	Scale House	1986	100
113	Crate Shop	1944	16,504
116	Health Clinic	1942	3,634
116	Administrative General Purpose	1942	9,388
116	Credit Union	1942	445
117	Photo Laboratory	1942	740
117	Vehicle Maintenance Shop	1942	19,127
118	Motor Repair Shop	1942	18,928
119	Office	1943	3,205
120	Gas Station	1942	400
121	Boiler Plant (SEADs 36 and 39)	1942	3,250

**Table 3-11  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
122	Facility Engineering Shop	1942	12,318
123	Engineering	1942	3,205
124	Facility Engineering Shop	1942	1,567
125	Procurement Office	1969	4,260
126	Youth Center	1980	3,220
127	Loco House	1942	6,157
128	Rock Salt Storage	1981	120
130	Pump House	1982	214
131	Non-Hazardous Storage	1961	2,400
135	Heavy Equipment Storage	1956	5,014
136	Picnic Shelter	1979	960
137	Power Plant Building	1983	185
138	Car Wash	1984	1,500
143	Cable House	1943	36
145	Engineering Maintenance Facility	1951	558

FINAL

**SECTION THREE**

**PROPERTY CHARACTERIZATION**

146	Engineering Maintenance Facility	1992	9,000
147	Non-Hazardous General Purpose Storage	1992	4,072
247	Pumping Station	1960	Unknown
200-A	Elliot Acres Housing Unit	1960	1,526
200-B	Elliot Acres Housing Unit	1960	1,526
201-A	Elliot Acres Housing Unit	1960	1,526
201-B	Elliot Acres Housing Unit	1960	1,526
208-A	Elliot Acres Housing Unit	1960	2,559
208-B	Elliot Acres Housing Unit	1960	2,559
209-A	Elliot Acres Housing Unit	1960	1,526
209-B	Elliot Acres Housing Unit	1960	1,526
210-A	Elliot Acres Housing Unit	1960	1,750
210-B	Elliot Acres Housing Unit	1960	1,750
211-A	Elliot Acres Housing Unit	1960	1,600
211-B	Elliot Acres Housing Unit	1960	1,600
212-A	Elliot Acres Housing Unit	1960	1,750
212-B	Elliot Acres Housing Unit	1960	1,750
213-A	Elliot Acres Housing Unit	1960	1,600
213-B	Elliot Acres Housing Unit	1960	1,600
218-A	Elliot Acres Housing Unit	1960	1,600
218-B	Elliot Acres Housing Unit	1960	1,600
219-A	Elliot Acres Housing Unit	1960	1,750
219-B	Elliot Acres Housing Unit	1960	1,750

**Table 3-11  
(Continued)**

<b>FACILITY NO.</b>	<b>FUNCTION</b>	<b>YEAR BUILT</b>	<b>SQ FT</b>
221-A	Elliot Acres Housing Unit	1960	1,600
221-B	Elliot Acres Housing Unit	1960	1,600
222-A	Elliot Acres Housing Unit	1960	1,750
222-B	Elliot Acres Housing Unit	1960	1,750
223-A	Elliot Acres Housing Unit	1960	1,600
223-B	Elliot Acres Housing Unit	1960	1,600
224-A	Elliot Acres Housing Unit	1960	1,320
224-B	Elliot Acres Housing Unit	1960	1,320
224-C	Elliot Acres Housing Unit	1960	1,320
224-D	Elliot Acres Housing Unit	1960	1,320
225-A	Elliot Acres Housing Unit	1960	1,320
225-B	Elliot Acres Housing Unit	1960	1,320
225-C	Elliot Acres Housing Unit	1960	1,320
225-D	Elliot Acres Housing Unit	1960	1,320
226-A	Elliot Acres Housing Unit	1960	1,320
226-B	Elliot Acres Housing Unit	1960	1,320
226-C	Elliot Acres Housing Unit	1960	1,320
226-D	Elliot Acres Housing Unit	1960	1,320

# FINAL

## SECTION THREE

## PROPERTY CHARACTERIZATION

227-A	Elliot Acres Housing Unit	1960	1,320
227-B	Elliot Acres Housing Unit	1960	1,320
227-C	Elliot Acres Housing Unit	1960	1,320
227-D	Elliot Acres Housing Unit	1960	1,320
228-A	Elliot Acres Housing Unit	1960	1,320
228-B	Elliot Acres Housing Unit	1960	1,320
228-C	Elliot Acres Housing Unit	1960	1,320
228-D	Elliot Acres Housing Unit	1960	1,320
229-A	Elliot Acres Housing Unit	1960	1,320
229-B	Elliot Acres Housing Unit	1960	1,320
229-C	Elliot Acres Housing Unit	1960	1,320
229-D	Elliot Acres Housing Unit	1960	1,320
230-A	Elliot Acres Housing Unit	1960	1,320
230-B	Elliot Acres Housing Unit	1960	1,320
230-C	Elliot Acres Housing Unit	1960	1,320
230-D	Elliot Acres Housing Unit	1960	1,320
231-A	Elliot Acres Housing Unit	1960	1,320
231-B	Elliot Acres Housing Unit	1960	1,320
231-C	Elliot Acres Housing Unit	1960	1,320
231-D	Elliot Acres Housing Unit	1960	1,320
232-A	Elliot Acres Housing Unit	1960	1,320
232-B	Elliot Acres Housing Unit	1960	1,320
232-C	Elliot Acres Housing Unit	1960	1,320
232-D	Elliot Acres Housing Unit	1960	1,320

**Table 3-11  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
233-A	Elliot Acres Housing Unit	1960	1,320
233-B	Elliot Acres Housing Unit	1960	1,320
233-C	Elliot Acres Housing Unit	1960	1,320
233-D	Elliot Acres Housing Unit	1960	1,320
234-A	Elliot Acres Housing Unit	1960	1,320
234-B	Elliot Acres Housing Unit	1960	1,320
234-C	Elliot Acres Housing Unit	1960	1,320
234-D	Elliot Acres Housing Unit	1960	1,320
235-A	Elliot Acres Housing Unit	1960	1,320
235-B	Elliot Acres Housing Unit	1960	1,320
235-C	Elliot Acres Housing Unit	1960	1,320
235-D	Elliot Acres Housing Unit	1960	1,320
236-A	Elliot Acres Housing Unit	1960	1,320
236-B	Elliot Acres Housing Unit	1960	1,320
236-C	Elliot Acres Housing Unit	1960	1,320
236-D	Elliot Acres Housing Unit	1960	1,320
237-A	Elliot Acres Housing Unit	1960	1,320
237-B	Elliot Acres Housing Unit	1960	1,320
237-C	Elliot Acres Housing Unit	1960	1,320

# FINAL

## SECTION THREE

## PROPERTY CHARACTERIZATION

237-D	Elliot Acres Housing Unit	1960	1,320
238-A	Elliot Acres Housing Unit	1960	1,320
238-B	Elliot Acres Housing Unit	1960	1,320
238-C	Elliot Acres Housing Unit	1960	1,320
238-D	Elliot Acres Housing Unit	1960	1,320
239-A	Elliot Acres Housing Unit	1960	1,320
239-B	Elliot Acres Housing Unit	1960	1,320
239-C	Elliot Acres Housing Unit	1960	1,320
239-D	Elliot Acres Housing Unit	1960	1,320
240-A	Elliot Acres Housing Unit	1960	1,320
240-B	Elliot Acres Housing Unit	1960	1,320
240-C	Elliot Acres Housing Unit	1960	1,320
240-D	Elliot Acres Housing Unit	1960	1,320
241-A	Elliot Acres Housing Unit	1960	1,320
241-B	Elliot Acres Housing Unit	1960	1,320
241-C	Elliot Acres Housing Unit	1960	1,320
241-D	Elliot Acres Housing Unit	1960	1,320
242-A	Elliot Acres Housing Unit	1960	1,320
242-B	Elliot Acres Housing Unit	1960	1,320
242-C	Elliot Acres Housing Unit	1960	1,320
242-D	Elliot Acres Housing Unit	1960	1,320
243-A	Elliot Acres Housing Unit	1960	1,480
243-B	Elliot Acres Housing Unit	1960	1,480

**Table 3-11  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
243-C	Elliot Acres Housing Unit	1960	1,480
243-D	Elliot Acres Housing Unit	1960	1,480
244-A	Elliot Acres Housing Unit	1960	1,480
244-B	Elliot Acres Housing Unit	1960	1,480
244-C	Elliot Acres Housing Unit	1960	1,480
244-D	Elliot Acres Housing Unit	1960	1,480
245-A	Elliot Acres Housing Unit	1960	1,480
245-B	Elliot Acres Housing Unit	1960	1,480
245-C	Elliot Acres Housing Unit	1960	1,480
245-D	Elliot Acres Housing Unit	1960	1,480

### 3.3.1.4 Airfield Area

The Airfield Area and directly related facilities cover an area of approximately 460 acres. Training ranges cover an additional 65 acres of the southwest corner of the Airfield Area. The Airfield Area was acquired by the U.S. Army in 1957. Since that time, it has been used for the loading and off-loading of transport planes and for housing helicopters that are used for surveillance of the installation. Transport planes were not cleared for landing unless it could be

assured that they could be loaded or off-loaded and depart all in the same day. That is, the airfield was not used for long-term aircraft parking, nor was it used for aircraft maintenance. The main environmental concern at the airfield are the fueling areas, and these are shown on Figure 5-1. Aircraft were refueled from tanker trucks. During refueling, if fuel was determined to be of poor quality, it either remained in the tanker trucks or was off-loaded into 55-gallon drums. The fuel was then taken to the fire training area on the Main Depot and used for that activity. Two UH-1 helicopters used for security are stationed at the airfield and hangared in Building 2305. Building 2306 is used as an office for the USA Readiness Group on an as needed basis. Other than these functions, the airfield is not in use at this time. Table 3-12 lists the facilities found at the Airfield Area.

**Table 3-12**  
**AIRFIELD AREA FACILITIES**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
2301	Training Community	1954	1,022
2302	Target Storage	1953	1,022
2304	Power Vault	1953	2,184
2305	Army Readiness Group	1954	5,589
2306	Flight Control Tower	1953	8,774
2310	JP8 Tank Building	1981	144
2311	Sentry Station Post 8	1983	192
2312	Administration General Purpose	1986	2,401
2314	Gas Chamber	1988	286
2315	Fuel/Petroleum, Oil, Lubricant Building	1992	5,100
2316	Outdoor Rifle Range for Machine Guns	1992	48,400

### 3.3.1.5 Lake Housing Area

The Lake Housing Area consists of a family housing area that covers 110 acres, community facilities covering 10 acres, and outdoor recreation areas that cover 155 acres. The Commanding Officer is quartered at the Lake Housing Area along Colonels Drive. Records indicate that this has also been known as Colonels Row. Table 3-13 lists the facilities found in the Lake Housing Area.

**Table 3-13**  
**LAKE HOUSING AREA FACILITIES**



FINAL

**SECTION THREE**

**PROPERTY CHARACTERIZATION**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
2401	Lake Housing	1942	2,700
2402	Lake Housing	1942	625
2403	Lake Housing	1942	1,846
2404	Lake Housing	1942	2,184
2405	Lake Housing	1942	625
2406	Lake Housing	1942	2,204
2407	Lake Housing	1942	596
2408	Lake Housing	1942	4,103
2409	Officers' Club Storage	1942	720
2410	Officers' Club	1942	3,747
2411	Pump House	1942	2,535

**Table 3-13  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
2412	Lake Housing	1942	1,067
2413	Lake Housing	1942	418
2414	Lake Housing	1942	1,968
2415	Lake Housing	1942	1,039
2416	Lake Housing	1942	344
2417	Lake Housing	1942	400
2418	Lake Housing	1942	780
2419	Lake Housing	1942	1,302
2420	Lake Housing	1942	251
2421	Lake Housing	1942	1,761
2423	Lake Housing	1942	1,323
2424	Lake Housing	1942	600
2425	Lake Housing	1942	1,218
2426	Lake Housing	1942	968
2427	Lake Housing	1942	915
2428	Lake Housing	1942	333
2429	Lake Housing	1942	1,020
2430	Lake Housing	1942	289
2431	Lake Housing	1942	339
2432	Lake Housing	1942	1,490
2433	Lake Housing	1942	400
2434	Sewage Pump Station	1957	Unknown
2436	Lake Housing	1942	229
2437	Lake Housing	1942	1,815
2438	Lake Housing	1942	1,160
2439	Lake Housing	1942	354
2441	Lake Housing	1942	1,026
2443	Lake Housing	1942	1,238
2444	Lake Housing	1942	493
2445	Recreation Center	1982	920
2446	Lake Housing	1942	1,156
2447	Lake Housing	1942	372

FINAL

**SECTION THREE**

**PROPERTY CHARACTERIZATION**

2448	Lake Housing	1942	1,266
2449	Lake Housing	1942	502
2450	Lake Housing	1942	1,026
2451	Lake Housing	1942	580
2452	Lake Housing	1942	1,166
2453	Lake Housing	1942	1,333
2454	Lake Housing	1942	264
2455	Electric Substation	1982	80
2456	Boat House	1970	800
2466	Lake Housing	1942	318

**Table 3-13  
(Continued)**

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
2473	Trailer	1976	780
2485	Army Travel Camp Office	1981	1,576
2491	New Lake Housing	1988	1,976
2492	New Lake Housing	1988	1,976
2493	New Lake Housing	1988	2,096
2494	New Lake Housing	1988	1,976
2495	New Lake Housing	1988	1,976
2496	New Lake Housing	1988	2,096
2497	New Lake Housing	1988	2,096
2498	New Lake Housing	1988	1,976
2499	New Lake Housing	1988	1,976
2500	New Lake Housing	1988	1,976
2501	New Lake Housing	1988	1,976
2502	New Lake Housing	1988	2,096
2504	New Lake Housing	1988	1,976
2505	New Lake Housing	1988	2,380
2507	New Lake Housing	1988	2,288
2508	New Lake Housing	1988	2,380
2509	New Lake Housing	1988	2,288
2510	New Lake Housing	1988	2,380
2511	New Lake Housing	1988	2,288
2512	New Lake Housing	1988	2,288
2513	New Lake Housing	1988	2,288
2514	New Lake Housing	1988	2,288
2515	New Lake Housing	1988	2,288
2516	New Lake Housing	1988	2,380
2517	New Lake Housing	1988	2,380
2518	New Lake Housing	1988	2,380
2519	New Lake Housing	1988	2,288
2520	New Lake Housing	1988	2,380
2521	New Lake Housing	1988	2,288
2523	New Lake Housing	1988	2,288
2524	Guest Houses	1992	980
2525	Guest Houses	1992	980

2470	Guest Houses	1972	500
2471	Guest Houses	1972	500
2472	Guest Houses	1972	500
2474	Guest Houses	1976	720
2475	Guest Houses	1976	660
2476	Guest Houses	1976	720
2477	Guest Houses	1976	720
2478	Guest Houses	1976	720

**Table 3-13**  
(Continued)

FACILITY NO.	FUNCTION	YEAR BUILT	SQ FT
2479	Guest Houses	1988	924
2480	Guest Houses	1976	660
2481	Guest Houses	1976	720
2482	Guest Houses	1976	780
2483	Guest Houses	1988	924
2484	Guest Houses	1976	768
2486	Guest Houses	1988	891
2487	Guest Houses	1988	891
2488	Guest Houses	1988	891
2489	Guest Houses	1988	891
2490	Guest Houses	1988	891

### 3.3.1.6 Coast Guard Area

A portion of the installation near the southeast corner is currently used by the U.S. Coast Guard (USCG). The USCG operates a LORAN-C transmitter at this site. Facilities involved with this mission include a single building (un-numbered), a UST, and the transmitter antenna tower.

### 3.3.2 Tenant Missions

In 1953 and 1954, the Seneca Army Depot Activity began storage of material for the General Services Administration (GSA). This included large uncovered storage piles of various ores (EPA, Region II et al. 1993). Presently, 20 strategic ore storage piles remain at the Seneca Army Depot Activity. These are stores of 19 commodities totaling 484,552 metric tons.

In 1978, a LORAN-C station was commissioned and made operational by the USCG. This transmitter is located in the Coast Guard Area and consists of a single building and associated UST. This area is located near the southeastern corner of the installation. The USCG transmits LORAN signals to the northeastern U.S. and the Great Lakes and monitors and controls

transmissions using remote monitor sites (STV/Lyon Associates 1990; Seneca Army Depot Activity 1991).

The Defense Reutilization and Marketing Office (DRMO), Romulus “Type-II” Scrap Branch operates a holding area at the Seneca Army Depot Activity for property scheduled for disposal until it is transported to Griffis Air Force Base or sold as scrap (STV/Lyon Associates 1990). This facility is located in the Main Depot Area west of Building 160.

The U.S. Army Test, Measurement and Diagnostic Equipment Agency (USATA) maintains radiation calibration sources in Buildings 321 and 806 (SEAD-47).

The U.S. Army Health Clinic (MEDDAC) provides medical, and formerly dental, services to installation-authorized area personnel (STV/Lyon Associates 1990). The clinic is located in Building 106-A (SEAD-42).

The following tenants use mainly administrative type facilities: Civilian Personnel Office (CPO), Tobyhanna Army Depot; GSA Fleet Manager; and SOD Federal Credit Union.

### **3.4 FACILITY SUPPORT ACTIVITIES**

#### **3.4.1 Hazardous Materials/Waste Management**

Hazardous waste management facilities at the Seneca Army Depot Activity presently consist of one drum storage area (Building 307, SEAD-1), one PCB-containing transformer storage area (Building 301, SEAD-2), an incinerator for the demilitarization of munitions (Building 367, SEAD-17), and a mixed waste storage area (Building 803, SEAD-22) (Seneca Army Depot Activity 1991). All of these facilities are RCRA TSD facilities operating under interim status.

Building 307 is a corrugated metal building with a curbed, concrete slab floor that is used to store materials in 55-gallon drums (SEAD-1). Drums are stored on wooden pallets and labeled by waste type. The building permit has a maximum capacity of 150 drums.

Building 301 is used for PCB-containing transformer storage (SEAD-2). When transformers are repaired or taken out of service, the fluid is tested for PCB content in this building. Materials

stored here are awaiting testing or disposal. Fluids may be drained from equipment and placed in 55-gallon drums that are then stored in Building 307. The empty equipment is stored in Building 301. This building was empty at the time of the 1995 EBS site inspection.

An important part of the Seneca Army Depot Activity's mission is the demilitarization of explosives. Two deactivation furnaces have been used for the destruction of small arms ammunition. Building 311 was in use from 1945 until the mid-1960s (SEAD-16). This furnace operated without dust collectors. Building 367 is the location of the present APE-1236 deactivation furnace, which has dust collectors (SEAD-17). This facility has been in use since 1962. Larger munitions must be dismantled and the powder and/or propellant removed. Buildings 608 through 612 are the present locations of this activity (SEAD-52), which was formerly carried out at the ammunition workshops, Buildings 2074 through 2085. In this area, a dismantled washout plant had been located. This plant was operational between 1948 and 1963 and is one of the presently recognized SWMUs (SEAD-4). Ordnance detonation and burning activities have also been conducted at the Seneca Army Depot Activity; areas used for these purposes are also recognized SWMUs (SEADs 23, 45, and 57) (Engineering Science, Inc. 1994c; STV/Lyon Associates 1990). From the 1940s to the 1950s, powder was disposed of in the Powder Burning Pit (SEAD-24). These SWMUs are discussed further in Section 4.1.

Building 803 is used to store mixed wastes that are mainly wipes contaminated with several low-level radioactive components and F-listed solvents (SEAD-72). The materials are segregated by solvent type, double bagged, and stored in open top 55-gallon drums. The drums are stored in vaults with a maximum capacity of 24 drums per vault and 96 drums total for the building (Seneca Army Depot Activity 1991).

Approximately 4,010 acres at the Seneca Army Depot Activity are used for the storage of ammunition, special weapons, pyrotechnics, and munitions related items. A total of 455 storage igloos and eight standard magazines are located within the ammunition storage area; in addition, six warehouses are used to store ammunition. There are another 64 igloos in the exclusion area used for the storage of special weapons (STV/Lyon Associates 1990).

More than 470,000 gallons of various grades of fuel oil are stored throughout the depot. All ASTs are diked to contain any spill; and aprons have been constructed around the fill spouts of

all USTs. The depot maintains a current *Spill Control and Countermeasure Plan* (SPCCP) and an *Installation Spill Contingency Plan* (ISCP) (STV/Lyon Associates 1990).

Piles of chromate ore have been stored at several locations within the Seneca Army Depot Activity since the 1940s. Some piles are on the ground and others rest on concrete pads. Several piles of silicon carbide have been stored at the Seneca Army Depot Activity since 1956. These piles rest on hard storage pads and are covered with sheets of roofing material. Other ores that have been, or are presently, stockpiled at the Seneca Army Depot Activity include: antimony, asbestos, chromium, aluminum oxide, ferrochromium, ferro manganese, zinc, and rutile (Environmental Science and Engineering 1988b).

Columbite ore (a mixture of the oxides of iron, manganese, niobium, and tantalum) was stored in Buildings 324, 356, and 357 beginning in 1954 (SEAD-49). In 1973, the ore was transferred to Building 357 and Building 324 was swept. The ore was removed from the depot in 1993. The ore, now stored in drums, was originally kept in burlap bags. Neither niobium nor tantalum has any naturally occurring radioactive isotopes, but radium-226 and thorium-232 are usually present as impurities. Moreover, radon-222 was produced and concentrated in the unventilated warehouse, Building 357. A 1977 USAEHA survey indicated that the radon-222 concentration varied from 0.92 to 3.12 picocuries per liter (pCi/L) in Building 357. Outside the building, the concentration was 0.23 pCi/L. The maximum permissible concentration of radon-222 in an unrestricted area is 4.0 pCi/L (STV/Lyon Associates 1990). Warehouses that are known to have been used for the storage of hazardous materials are listed in Table 3-14.

**Table 3-14  
BUILDINGS USED TO STORE HAZARDOUS MATERIALS**

<b>BUILDING</b>	<b>HAZARDOUS MATERIALS</b>
307	Hazardous waste
323	Pesticide, soda ash, and antifreeze
324	Columbite ore
327	Pesticide, soda ash, and antifreeze
330	Pesticide, soda ash, and antifreeze

**Table 3-14  
(Continued)**

<b>BUILDING</b>	<b>HAZARDOUS MATERIALS</b>
-----------------	----------------------------

331	Pesticide, soda ash, and antifreeze
333	STB, DS-2, and solvents
336	STB and chlorine impregnate
343	Pesticide, soda ash, and antifreeze
356	DS-2 and columbite ore storage
357	DS-2 and columbite ore storage

Fibrous asbestos ore is currently stored in Tank Number 88 at the Tank Farm (SEADs 50 and 54). Asbestos, previously stored in some of the other tanks, was shipped to other GSA warehouses in the 1960s (USATHMA 1980). Other materials that are known to have been stored in the Tank Farm include antimony, rutile, and silicon carbide.

In the 1940s, 11 of the igloos (EO801-EO811) in the ammunition area were used for the storage of pitchblende ore. After the ore was removed, the igloos were used to store conventional munitions until 1976. Although there has been a remediation effort of this area, there is still outstanding concern about radiological contamination, and this area is one of the recognized SWMUs (SEAD-48) (Engineering Science, Inc. 1994c; STV/Lyon Associates 1990). This SWMU is discussed further in Section 4.1.

### 3.4.2 Solid Waste/Landfill Management

Solid waste is collected and transported by contract for disposal at an off-site, private landfill (USAMC 1994). Metal and other materials that have resale value are stored at the property disposal yard until enough materials accumulate to warrant a solicitation for bids. Waste oil is stored at this yard in two USTs, and it is also stored in USTs at Buildings 117 (SEAD-31), 188, and 732. Radiological waste was stored at the depot in the 1940s but this practice no longer occurs (STV/Lyon Associates 1990).

A large area of the Seneca Army Depot Activity that consists of a non-combustible landfill (SEAD-8), an incinerator cooling water pond (SEAD-3), an ash landfill (SEAD-6), refuse burning pits (SEAD-14), and a solid waste incinerator (SEAD-15) has been combined into a single operable unit referred to as the Ash Landfill. Also located in the general vicinity is a disposal area west of Building 2203 (SEAD-64D). The non-combustible landfill was used from 1974 to 1979 to dispose of materials that were either non-combustible or too bulky to be incinerated or burned. The incinerator cooling water pond was used from 1974 to 1979 to hold

the cooling water and fly ash generated from the scrubber of the solid waste incinerator. The fly ash was removed every 18 months and disposed of at the ash landfill. The ash landfill was used from 1941 to the late 1950s or early 1960s, and again from 1974 to 1979. Ash from the refuse burning pits was disposed of from 1941 until the late 1950s or early 1960s. The refuse burning pits were used from 1941 to 1974 to burn all wastes generated on the depot until the incinerator opened in 1974. After burning, metal was removed for recycling and the ash was pushed into the ash landfill. The solid waste incinerator was used from 1974 to 1979 to burn depot refuse. This Operable Unit is currently being investigated under a CERCLA RI/FS. These SWMUs are discussed further in Section 4.1.

The disposal area west of Building 2203 (SEAD-64D) was reportedly used for the dumping of crushed heavy gauge metal drums, empty smoke generating canisters, and various other metallic debris. Results of an expanded site investigation (ESI) conducted at this SWMU indicated that one large debris pile in the southwestern portion of this SWMU may have impacted the soils and groundwater locally. This SWMU is discussed further in Section 4.1 (Engineering Science, Inc. 1994c).

Nine of the other previously recognized SWMUs are associated with former solid waste disposal areas. SEAD-8 is a non-combustible landfill located to the south of Smith Farm Road. It was used for the burial of non-combustible and bulky items between 1974 and 1979. This site is presently closed and is being investigated as part of the Ash Landfill OU. SEAD-9 is a former construction debris landfill located near the intersection of the East Patrol Road and East Kendaia Road. This site was used for the disposal of construction debris from 1977 to 1984, for the disposal of scrapwood from 1984 to 1986, and for firewood storage from 1984 to 1994. This SWMU has been classified as a Moderately Low Priority Area of Concern (AOC) and a mini-risk assessment has been recommended.

SEAD-11 is an old construction debris landfill that is located south of Indian Creek Road. This site was used for the disposal of construction debris from 1946 to 1949. This SWMU has been classified as a Moderate Priority AOC and an RI/FS has been recommended. SEAD-59 is a fill area located to the west of Building 135. It was potentially used for the disposal of construction debris, and the dates of usage are not known. This SWMU has been classified as a Moderately Low Priority AOC and an RI/FS has been recommended.



SEAD-64 includes four separate garbage disposal areas that were possibly used when the installation solid waste incinerator was inoperable. This SWMU has been previously classified as a Low Priority AOC. SEAD-64A is a small landfill located in the Main Depot Area south of 7th Street. Investigations at this site by Engineering Science, Inc. revealed soil and groundwater contamination, and an RI/FS has been recommended. SEAD-64B is a landfill located near the south end of the Main Depot Area. Investigations by Engineering Science, Inc. indicate that minimal impacts to the soil, sediment, surface water, and groundwater have occurred at this site. It has been recommended that a minor risk assessment and a Completion Report be completed and finalized in a Record of Decision (ROD). SEAD-64C was a proposed landfill site located north of South Patrol Road that had been rumored to have been used for debris dumping. This site was investigated by Engineering Science, Inc., and no significant impacts to the media investigated were found. It has been recommended that a mini-risk assessment and a Completion Report be completed and finalized in an ROD. SEAD-64D is one large and two smaller debris piles, located west of Building 223 and east of West Patrol Road. This site was investigated by Engineering Science, Inc., and several localized impacts to soil and groundwater were found. An RI/FS has been recommended for this site.

SEAD-67 is a disposal area located east of Sewage Treatment Plant No. 4. This site was investigated by Engineering Science, Inc., and soil and sediment were found to have been significantly impacted. This SWMU is classified as a Low Priority AOC and a limited sampling program and a removal action have been recommended. SEAD-69 is a disposal area located southeast of Building 606. This site was investigated by Engineering Science, Inc., and no significant impacts to any of the media investigated were found. This SWMU is classified as a Moderately Low Priority AOC, and it has been recommended that a mini-risk assessment and a Completion Report be completed and finalized in an ROD. SEAD-70 is a fill area east of Building T-2110 that had been used to dispose of construction debris. An investigation of this site by Engineering Science, Inc. revealed that sediment in the surrounding wetland and the soils which comprise the landfill material have been impacted by moderate releases of polycyclic aromatic hydrocarbons (PAHs) (in the sediment) and arsenic (in the soil). This SWMU is classified as a Low Priority AOC, and it has been recommended that a mini-risk assessment and Completion Report be completed and finalized in an ROD.

SEAD-71 is a rumored paint and solvent disposal pit located west of Building 127. This site was investigated by Engineering Science, Inc., and, although a paint disposal pit was not confirmed, at least one pit with construction debris and contaminated soils was found. This SWMU is classified as a Low Priority AOC, and an RI/FS has been recommended.

### **3.4.3 Storage Tanks**

The Seneca Army Depot Activity has 219 USTs or ASTs registered with the state of New York. A complete listing of these tanks, including their state registration numbers (SRN), capacities, year installed, and status as of August 1995, is provided in Appendix C.

### **3.4.4 Drinking Water Management**

Water is supplied to the depot, as well as the towns of Varick and Romulus, by means of a treatment and pumping facility located at Building 2411. The water is drawn from Seneca Lake and is chlorinated and fluoridated at this plant. Treated water is then piped across the Main Depot to open Reservoir 334 at the South Depot. From the reservoir, the water is rechlorinated and pumped to elevated Water Tower 109. Water is sent from this tower to supply off-post users, Reservoir 352, and North Depot elevated Water Tower 730. The Airfield Area is supplied from an independent ground storage tank that is filled from Reservoir 334. A well near Building 2301 is also used for water supply on a daily basis (STV/Lyon Associates 1990).

The drinking water distribution system consists of various networks of mains that range in size from 6 to 12 inches in diameter. About half of the system is constructed of plastic polyvinyl chloride (PVC) piping, while the remainder is steel, asbestos cement, or ductile-iron piping (STV/Lyon Associates 1990).

A few water wells are located on the Seneca Army Depot Activity to supply water to remote facilities (Seneca Army Depot Activity 1991).

### **3.4.5 Groundwater Monitoring Wells**

Over 100 groundwater monitoring wells are in place at the Seneca Army Depot Activity. Forty-seven of these are located at the Ash Landfill, 17 are located at the open detonation grounds, and 37 are associated with the open burning grounds (Engineering Science 1994a, 1994b, 1994c).

### **3.4.6 Stormwater Management**

The storm drainage system consists of both open and closed systems that discharge into the four watersheds of Indian Creek, Kendaia Creek, Kendig Creek, and Reeder Creek. A system of extensive channels has been excavated, and drains have been built to facilitate surface drainage of most of the depot lands. All hazardous materials storage areas are located indoors to prevent precipitation from contacting the drums. The incinerator and waste processing area are also located indoors (STV/Lyon Associates 1990; Seneca Army Depot Activity 1991).

### **3.4.7 Sewage Treatment**

The sanitary sewage disposal system comprises two major collection systems serving the depot and a combined system for the towns of Varick and Romulus. The South Depot and Warehouse Areas are served by a system that incorporates a pumping station at Building 314 (SEAD-22) and treatment at Building 4 (STP 4, SEAD-20). A New York Discharge Elimination System (NYDES) tertiary permit has been approved for STP 4. Treated sewage from this plant is discharged into Kendig Creek. The sanitary system for the Special Weapons and North Depot Areas is connected to a treatment plant at Building 715 (SEAD-21). Treated sewage is discharged from this plant into Reeder Creek, which is also covered by the NYDES permit (STV/Lyon Associates 1990; Seneca Army Depot Activity 1991).

A sanitary system that is connected to the Seneca County Sewer District serves the Lake Housing Area (except five residences to the north). Individual septic tanks serve all remaining buildings with sanitary facilities (Seneca Army Depot Activity 1991).

**3.4.8 Electrical Power Generation**

Electrical power is not generated at the Seneca Army Depot Activity. Electrical power is provided by the New York State Electric and Gas Corporation (NYSEG) through a substation off site that is jointly operated by NYSEG and the U.S. Army. NYSEG is designing an upgrade to this 1950s-age facility. A second substation is located at the North Depot and is of similar age, but no upgrading is planned (STV/Lyon Associates 1990).

**3.4.9 Heating System**

The majority of buildings, specifically the storage igloos and various warehouses, are unheated. Buildings that are heated use either central steam distribution systems or individual oil-fired systems. About 60 percent of the heated space is served by the central steam heating system. Approximately 66 buildings and 279 housing units are heated with individual systems (STV/Lyon Associates 1990).

**3.4.10 Fire Training**

Fire protection is afforded by a fully-equipped on-site fire department that is located in Building 103. Two areas have been identified as having been used for fire training exercises. Both are previously recognized SWMUs (SEADs 25 and 26) and will be discussed in Section 4.1 (STV/Lyon Associates 1990; Seneca Army Depot Activity 1991).

**3.4.11 Medical Activities**

Infectious and contaminated wastes generated by the health clinic are disposed of off depot by contractors in accordance with NYSDEC regulations (STV/Lyon Associates 1990). For a time, medical wastes were stored in appropriate biohazard containers in Building 106-A (SEAD-42).

### 3.4.12 On-Site Housing

Housing is provided at three on-post areas: Elliot Acres, Lake Housing, and the North Depot. Out of a total of 124 three-to-four bedroom units at Elliot Acres, 10 are single units, 13 are double units, and 22 are four-unit buildings. This housing area covers about 90 acres of real property. The Lake Housing Area includes 78 housing units covering about 110 acres, five community facilities covering about 10 acres, and about 155 acres of environmentally sensitive land that is used for outdoor recreation. Troop housing at the North Depot covers about 8 acres and includes 3 barracks that can accommodate 270 troops and a Bachelor Officers' Quarters accommodating 18 men (STV/Lyon Associates 1990). The North Depot housing was not in use at the time of the field investigation. Currently, the North Depot area is closed, and many of the housing units at Elliot Acres and Lake Housing are unoccupied.

## 3.5 SENSITIVE ENVIRONMENTS

The Seneca Army Depot Activity *BRAC 1995 Implementation Plan* (Headquarters, Seneca Army Depot Activity 1995) outlines the steps that need to be taken in order to address issues pertaining to sensitive environments. It addresses National Environmental Policy Act (NEPA), cultural resources, and natural resources requirements. Since the entire installation is an NPL site, NEPA compliance will most likely be fulfilled through an Environmental Assessment (EA) or a full Environmental Impact Statement (EIS). Headquarters, Industrial Operations Command is planning to prepare an EIS. The environmental action plan outlines a possible NEPA compliance scenario that includes the following steps:

- Conduct complete property inventory to determine disposal/reuse alternatives and differentiate those parcels that are in one of the following categories:
  - Totally clean and saleable
  - Require varying degrees of remediation
  - Where no closure-related accessing will occur

- Conduct a detailed building inspection
- Determine the level of cleanliness needed prior to transfer
- Perform property signoff

Cultural resources issues are required to be addressed because of NEPA, National Historic Preservation Act (NHPA), Archaeological Resources Protection Act (ARPA), Native American Graves Protection Act (NAGPRA), and American Indian Religions Freedom Act (AIRFA). To fulfill the mandates of these laws, the following actions are required:

- Create a cultural resources management plan
- Develop NHPA compliance programs, including Section 106 review
- Conduct historical/archival investigations
- Conduct a comprehensive archaeological survey/inventory
- Nominate eligible sites and/or districts
- Prepare and execute a Programmatic Agreement

Natural resources issues that need to be addressed at the Seneca Army Depot Activity include: the Endangered Species Act; wetlands; migratory birds; the resident deer herd; a forest inventory; unique ecosystems; and impact(s) on the local environment (Headquarters, Seneca Army Depot Activity 1995). The following include recommendations made in the *BRAC 1995 Implementation Plan* (Headquarters, Seneca Army Depot Activity 1995).

- A formal survey for endangered or threatened species, both floral and faunal, has not been undertaken at the Seneca Army Depot Activity (Headquarters, Seneca Army Depot Activity 1995). However, no known federally-listed endangered or threatened species, designated endangered species, or critical habitats are known to occur in the Seneca Army Depot Activity area, although some species may occur as transients. A survey for endangered and threatened species is presently ongoing and is scheduled for completion in December 1996.
- A survey to define the wetlands at the Seneca Army Depot Activity has been completed and became available in July 1996. After the survey, issues that

- remain to be addressed include how wetlands will be managed, who will manage them, and whether all or portions should be retained at all after installation closure. The environmental action plan will need to address any potential conflicts affecting migratory bird populations that may frequent the Seneca Army Depot Activity's wetlands (Headquarters, Seneca Army Depot Activity 1995).
- A foreseeable impact to the environment could result if any area that is presently used by migratory birds is taken out of use. There is also a need for some yearly maintenance of waterfowl nesting areas. Before closure, any ensuing impacts to migratory bird habitats and waterfowl nesting areas should be reviewed with both NYSDEC and U.S. Fish and Wildlife (Headquarters, Seneca Army Depot Activity 1995).
  - A resident herd of white-tailed deer is of particular interest owing to the high frequency of a genetic trait that produces a white-coat color. At this time, the herd consists of about 225 with the white-coat color and about 300 brown deer. The white-coat condition probably occurs at the Seneca Army Depot Activity at this frequency because of the fence enclosure that surrounds the installation. If there was no fence, the herd would outbreed and the white-coat frequency would decrease. The presence of the fence requires the continual management of the herd, which has been shown to expand beyond the limited carrying capacity of the installation (Headquarters, Seneca Army Depot Activity 1995).
  - A large portion of the Seneca Army Depot Activity is wooded and the timber is salable. A timber inventory has recently been completed, and there is no plan at present for harvesting (Headquarters, Seneca Army Depot Activity 1995).
  - No unique ecosystems are known to exist at the Seneca Army Depot Activity (Headquarters, Seneca Army Depot Activity 1995).





#### 4.0 INVESTIGATION RESULTS

This section describes the results of the EBS investigation. It discusses:

- Sources of potential contamination that have been addressed in prior reports
- Sources of potential contamination that have not been addressed by previous investigations
- Adjacent properties that may be potential sources of contamination to the installation property
- Areas containing contamination substances not regulated by CERCLA (non-CERCLA)
- Real property within the installation property that will be retained by the U.S. Army (reserve enclaves)

#### 4.1 PREVIOUSLY IDENTIFIED SOURCES OF POTENTIAL CONTAMINATION

Seventy-two sites were classified as SWMUs in the final *Solid Waste Management Classification Study* completed in 1994 (Engineering Science, Inc. 1994c). Identification and classification of SWMUs was conducted by the U.S. Army in accordance with the decision process outlined in the Interagency Agreement (IAG) between the USACE, EPA, Region II, and NYSDEC.

Twenty-four sites have been classified as No Action required; 20 as requiring Removal Action or Completion Report/Record of Decision; and 28 as requiring an RI/FS, Remedial Action, and ROD. The 28 sites requiring an RI/FS are divided into thirteen groups and RIs are final at two of these. One site is the Ash Landfill site (SEADs 3, 6, 8, 14, and 15) where the source area was decontaminated using low temperature thermal desorption. Additional work may be needed for the groundwater. The second site is the Open Burning Ground (SEAD-23). The Ash Landfill FS is currently under debate over unresolved remedial alternatives. Four new groups of RIs are planned and it is likely that all of the remaining groups will require the full process (Headquarters, Seneca Army Depot Activity 1995). The 72 recognized SWMUs are listed according to relative priority in Tables 4-1a through 4-1e (following Section Four). The priorities were determined in accordance with the IAG.

Numerous spills of petroleum products or hazardous materials and several LUSTs have been reported to NYSDEC and are listed in Section 2.1.2. Most of these involved small quantities of

material and were quickly cleaned up. A single spill involving a very large quantity of material occurred in 1988. A leak of 3,500 gallons of fuel oil from the heating plant, Building 718, entered the North Depot STP (Building 715). The oil was contained in the STP sludge holding tank and subsequently cleaned up. No violations were listed for this spill, which was inspected by several New York state environmental officials (STV/Lyon Associates 1990).

A release of 1,900 gallons of fuel oil from a LUST occurred at Building 138 on November 19, 1992 (Case Number 9209672). The oil drained from the tank into the storm drain, then into a drainage ditch, and then into Kendaia Creek. The total length of the release covered about one mile. The incident was reported to NYSDEC and cleanup actions followed. The case is listed as closed in the database; however, a closure report was unavailable. Furthermore, an interview conducted during the 1995 EBS field investigation revealed that only 1,700 gallons of the product was recovered. For the purposes of this EBS, we are considering this case open.

#### 4.2 POTENTIAL CONTAMINATION AREAS IDENTIFIED DURING THE EBS INVESTIGATION

Extensive environmental assessments have previously been conducted at the Seneca Army Depot Activity and are summarized in the preceding section. Because of this extensive work, most of the potential areas of contamination have already been identified. The following table summarizes additional areas identified during the 1995 EBS interviews and visual inspections. The BRAC Parcel Number and Label presented in this table correspond with those described in Section Five and illustrated on Figure 5-1.

**Table 4-2  
POTENTIAL CONTAMINATION AREAS**

GEOGRAPHIC AREA	FACILITY	DESCRIPTION	SOURCE	BRAC PARCEL NUMBER AND LABEL
Coast Guard	LORAN-C	Halon spill	Interview	43(3)HR
Lake Housing	Building 2409	Raw sewage spill	Visual Inspection	54(6)HR(P)
Airfield	Skeet/Trap Range	Skeet/Trap Range	Interview, Visual Inspection	115 Q-X
Airfield	Building 2302	Small arms range	Visual Inspection, Interview	114 Q-X
Main Depot	"50 Area"	Dumping areas	Visual Inspection, Interview	57(6)PS/PR/HR
Main Depot	Near Ovid Road	Small arms range	Visual Inspection, Interview	119 Q-X
Warehouse	Building 325	PCB oil spill	Interview	77(6)PR/HR
South Depot	DRMO Yard	Release of hazardous materials	Interview	78(6)HS/HR
South Depot	Buildings 306 and 308	Release of hazardous materials	Visual Inspection, Interview	84(6)PS/PR(P)

# FINAL

## SECTION FOUR

## INVESTIGATION RESULTS

GEOGRAPHIC AREA	FACILITY	DESCRIPTION	SOURCE	BRAC PARCEL NUMBER AND LABEL
South Depot	Building 127	UST with evidence of petroleum release	Visual Inspection	88(6)PS/PR
South Depot	Building 135	Stained soil in vehicle storage building	Visual Inspection, Interview	86(6)PR/HS/HR
Special Weapons	Buildings 813-817	Storage and release of paints and solvents, potential radionuclide release, unknown burial activities	Visual Inspection, Interview	98(6)PS/PR/HS/HR
North Depot	MP Service Station	Multiple petroleum releases	Visual Inspection, Interviews	99(6)PS/PR
North Depot	Building 744	Indoor firing range	Interview	125 Q-X
North Depot	Buildings 716 and 717	Petroleum release	Visual Inspection	102(6)PS/PR(P)
Main Depot	Near Building 2131	Possible DDT disposal	Interview	106(6)HR
Airfield	Near Building 2311	Connex with unknown contents	Visual Inspection	107(7)
Main Depot	South end of Main Depot Area	Munitions burial sites	Interview	116 Q-X 117 Q-X
Main Depot	Duck ponds area	Mounds with unknown contents	Visual Inspection	111(7) 112(7)
Special Weapons	Building 810	Unknown use and contents	Visual Inspection Denied	98(6)PS/PR/HS/HR
Special Weapons	Buildings 819, A0101, and A0102	Unknown use and contents	Visual Inspection Denied	98(6)PS/PR/HS/HR
North Depot	Building 747	Storage of acid and petroleum products, release of petroleum products and solvents	Interview	100(6)PS/PR/HS/HR
North Depot	Undeveloped area west of Building 715	Mounds with a rusty drum	Visual Inspection	113(7)
South Depot	Open Area	Rumored coal ash disposal area	Interview	137(7)
South Depot	Open Area	Rumored coal storage area	Interview	138(7)
North Depot	Open Area	Rumored DDT can burial area	Interview	139(7)
North Depot	Hill north of Post 3	Rumored drum burial area	Interview	140(7)

The U.S. Army has compiled a list of stories and rumors regarding past activities at the Seneca Army Depot Activity (Seneca Army Depot Activity 1995a). This list is informally referred to as the “rumors list,” and it contains 17 different entries. At the request of the BRAC Environmental Coordinator (BEC) and Geographic Project Manager (GPM), the Woodward-Clyde EBS investigation pursued these rumors during interviews involving current or past employees who may have knowledge of these past activities. After the interviews were completed, these rumors were analyzed in relation to any information that had been obtained. The original list of rumors is included as Appendix H. In summary, confirmation was found for eight of these rumors, no confirmation was found for five, and conflicting information was obtained for four. Subsequent visual inspections and confirmed locations led to the inclusion of fourteen of the rumors into the list of potential contamination areas listed in Table 4-2. Table 4-3 provides a breakdown of the results of the rumored sites investigation.

**Table 4-3  
RESULTS OF RUMOR INVESTIGATION**

RUMOR NUMBER	INVESTIGATION RESULTS	BRAC PARCEL NUMBER AND LABEL
1	Rumor confirmed: two ammunition burial areas identified	116Q-X and 117Q-X
2	Rumor confirmed: fill materials included concrete, dirt, and shale	5(2)PS/HS
3	Conflicting information obtained: area possibly investigated as part of SEAD-7	3(1) and/or 113(7)
4	Conflicting information obtained: specific location not identified	—
5	Conflicting information obtained: area is part of SEAD-67	103(6)HR
6	Rumor confirmed: a potential location has been identified	38(7)
7	Rumor confirmed: solvents, paints, and acids dumped/buried east of Building 813	98(6)PS/PR/HS/HR
8	Rumor not confirmed: no interviewees had any direct knowledge of this activity; a potential location has been identified	140(7)
9	Rumor not confirmed: no interviewees had any direct knowledge of this activity; a potential location has been identified	139(7)
10	Aerial photographs revealed no evidence of a pond in the reported area	3(1)
11	Rumor not confirmed: no interviewees had any direct knowledge of this activity; a potential location has been identified	109(7)

**Table 4-3  
(Continued)**

RUMOR NUMBER	INVESTIGATION RESULTS	BRAC PARCEL NUMBER AND LABEL
12	Rumor not confirmed: no interviewees had any direct knowledge of this activity; former staging area identified in aerial photograph	57(6)
13	Rumor confirmed regarding cleaning, but no indication of use of hazardous materials; no specific location identified	3(1)
14	Rumor confirmed: a potential location has been identified	137(7)
15	Rumor confirmed: visual inspection identified three areas where materials have been dumped	57(6)PS/PR/HR

16	Conflicting information obtained: interviews indicated that crushed shale was used for fill and that oils and solvents were disposed of in the area	78(6)HS/HR
17	Rumor confirmed: rumored area is part of No Action SWMU SEAD-51	3(1)

**4.3 SOURCES OF POTENTIAL CONTAMINATION FROM ADJACENT OR SURROUNDING PROPERTY**

The search of federal and state computerized databases revealed one site on the state priorities list (SPL), five RCRA generators within 0.25 mile to 1 mile from the Seneca Army Depot Activity, six LUSTs on the NYSDEC LUST database, and 14 sites with USTs registered on the NYSDEC Petroleum Bulk Storage UST database.

The site on the SPL is Sampson State Park, which is located adjacent to and southeast of the Seneca Army Depot Activity.

The five RCRA generators located near the Seneca Army Depot Activity are listed in Table 4-4. Their locations are shown on Figure 3-1 according to their corresponding map numbers.

**Table 4-4  
RCRA GENERATORS**

DESCRIPTION		MAP NUMBER
Town of Varick, New York	Generates 100 kilograms per month (kg/mo) but less than 1,000 kg/mo of non-acutely hazardous waste.	6
Northside of White Road	Generates 100 kg/mo but less than 1,000 kg/mo of non-acutely hazardous waste.	10
Sampson State Park	Generates at least 1,000 kg/mo of non-acutely hazardous waste.	5
Service Station, Route 96A, Ovid	Generates at least 1,000 kg/mo of non-acutely hazardous waste.	7
Ronnie's Body Shop, Route 96, Ovid	Generates 100 kg/mo but less than 1,000 kg/mo of non-acutely hazardous waste.	7

Table 4-5 lists the 14 LUSTs that have been reported to be located within a 4-mile radius of the Seneca Army Depot Activity.

**Table 4-5  
LEAKING UNDERGROUND STORAGE TANKS**

NAME	DISCOVERY DATE	SUBSTANCE	STATUS	GROUNDWATER GRADIENT RELATIONSHIP	MAP NUMBER
George Clark Residence	9/17/93	Petroleum	Case Closed/Cleanup Complete	Upgradient	2
Split Pine Farms	3/27/87	Diesel	Case Closed/Cleanup Complete	Crossgradient	4
Town of Varick	8/3/93	Diesel	Case Open	Downgradient	6
Sampson State Park	3/1/90	Gasoline	Case Closed/Cleanup Complete	Downgradient	5
Marsha and Willie Elmo	3/7/91	No. 2 Fuel Oil	Case Closed/Cleanup Complete	Upgradient	9
Willard Psychiatric Center	11/29/94	Gasoline	Case Open	Crossgradient	1
Willard Psychiatric Center	1/26/88	No. 2 Fuel Oil	Case Closed/Cleanup Complete	Crossgradient	1
Willard Psychiatric Center	3/23/95	Gasoline	Case Open	Crossgradient	1
Lamoreax/Quinn	11/19/87	Gasoline	Case Closed/Cleanup Complete	Upgradient	9
Donald Baker Residence	Unknown	Kerosene	Case Closed/Cleanup Complete	Unknown	8
Quick-N-Easy	Unknown	Unknown	Case Open	Crossgradient	7
Seneca County Highway Department	11/13/87	Gasoline	Case Closed/Cleanup Complete	Upgradient	AP-1
Howard's Mobile	12/23/87	Gasoline	Case Closed/Cleanup Complete	Crossgradient	7
Sunoco Service Station	Unknown	Gasoline	Case Closed/Cleanup Complete	Crossgradient	7

Based on these records, it appears that no LUSTs with ongoing investigations are located upgradient from the Seneca Army Depot Activity.

A visual inspection of adjacent properties resulted in the identification of three areas of possible contamination that could potentially affect the Seneca Army Depot Activity.

- The first is the Seneca County Highway Department yard, located in the town of Romulus, approximately 0.25 miles northeast of the Main Gate to the Seneca Army Depot Activity (Figure 3-1, AP-1). This county facility appears to be a heavy equipment and maintenance yard and shop. The property is approximately two acres in size and contains several buildings, including a large previously used AST that has been modified to hold roadway salt. This facility lies directly hydraulically upgradient from the Seneca Army Depot Activity and should be environmentally characterized for the potential of soil and groundwater contamination. Visual

inspections revealed numerous USTs and ASTs in various states of neglect and disrepair. This area was photographed for documentary purposes.

- The second suspect adjacent property is a large AST (approximately 15 feet in diameter and 50 feet high) located about 500 feet due west of the intersection of West Kendaia Road and the West Patrol Road (Figure 3-1, AP-2). This tank has a large hole in the side, and a large visible stain of petroleum product was observed around the base. This area is located hydraulically upgradient from the Lake Housing Area.
- The third area, also discovered during a visual inspection, consists of farm trash that has been dumped down the slopes of a branch of Kendaia Creek (Figure 3-1, AP-3). Materials observed in this area included household refuse, 5-gallon buckets, and construction debris. The size of the dumping area is about 500 feet square and it is located hydraulically upgradient from the Lake Housing Area.

#### 4.4 NON-CERCLA RELATED ENVIRONMENTAL, HAZARD, AND SAFETY ISSUES

The following summarizes the results of the records review pertaining to non-CERCLA contamination substances as well as any documented hazard or safety issues.

##### 4.4.1 Asbestos-Containing Material

The Seneca Army Depot Activity has an asbestos management program that includes building surveys for asbestos in buildings and removal actions. Approximately 50 percent of the asbestos identified in the original surveys at the Seneca Army Depot Activity has been removed. Update/follow-up inspections of buildings that were not mothballed were scheduled to be performed at the end of fiscal year 1995. Results from these inspections were not available for this report as of December 1995.

##### 4.4.1.1 Sources of Information

Information concerning the potential presence of asbestos in buildings on the site was available from the *Asbestos Management Plan Report* (Seneca Army Depot Activity *Asbestos Management Plan*), which summarized results from:

1. A 1988 survey of ACM in 144 buildings at the Seneca Army Depot Activity by Galson & Galson (the original report was also available [Galson & Galson 1988] );
2. A 1991 survey of 31 additional buildings by the Campbell Design Group;
3. As needed inspections of 180 housing units at the Seneca Army Depot Activity by depot personnel; and
4. Asbestos removal efforts at the Seneca Army Depot Activity.

#### 4.4.1.2 Designation of Buildings

Designation of buildings at the Seneca Army Depot Activity was based on reported identification and/or removal of asbestos. If ACM was present but not fully remediated, the building was designated “A.” If asbestos was never present or was identified and fully remediated, then the building was considered to be asbestos free and no designation was given. When asbestos was suspect (based on inspection or on construction dates before 1985) and no remediation was performed, the building was designated “A(P)” for possible presence of asbestos. An asbestos abatement contract has been written, but had not been released at the time of the 1995 EBS.

It was not always possible to determine from statements in the *Asbestos Management Plan* whether full or partial remediation of asbestos had occurred in a building. Therefore, full remediation was assumed only when the *Asbestos Management Plan* (Seneca Army Depot Activity *Asbestos Management Plan*) stated “all identified asbestos-containing material (ACM) removed” for non-housing units and “all floor covering removed” for family housing units in Elliot Acres (the *Asbestos Management Plan* reported that only the floor covering in Elliot Acres contained asbestos); in other cases, partial remediation was assumed and the building was designated “A” for presence of asbestos.

#### 4.4.1.3 Results

Information regarding the asbestos status for each building at the Seneca Army Depot Activity is presented in Appendix G. Of 457 buildings, asbestos is present and not fully remediated in 197 buildings (designated “A”) and is possible (either suspected in the survey or not surveyed and constructed prior to 1985) and not remediated in 54 buildings (designated “A(P)”). The total area



for buildings designated “A” and “A(P)” is 73.11 acres. Asbestos was known to be absent (either never present or present and fully remediated) in 205 buildings (no designation).

There are no asbestos-containing building materials in the 519 ammunition igloos.

#### 4.4.2 Lead-Based Paint

The Seneca Army Depot Activity *BRAC 1995 Implementation Plan* (Headquarters, Seneca Army Depot Activity 1995) indicates that all housing units in Elliot Acres, Lake Housing, and “Colonels Row” will be inspected for LBP and that inspections of other buildings and structures will be performed at the depot’s suggestion. However, no information on the status of LBP on buildings at the Seneca Army Depot Activity was available. Instead, potential for LBP was evaluated based on construction dates for buildings obtained from the Inventory of Military Real Property database (Seneca Army Depot Activity 1995b).

##### 4.4.2.1 Designation of Buildings

Painted buildings constructed prior to 1978 were designated “L(P)” for potential LBP, whereas buildings constructed in or after 1977 were considered not to contain LBP and received no designation. LBP status was designated as “L(P)” for potential LBP in buildings with unknown construction dates.

##### 4.4.2.2 Results

Information regarding LBP status for each building at the Seneca Army Depot Activity is presented in Appendix G. Of 456 buildings, LBP is possible in 365 buildings constructed before 1978 and for 4 buildings with unknown construction dates, and is presumed absent in 86 buildings constructed after 1977. The total area for buildings designated “L(P)” is 82.17 acres.

The 519 ammunition igloos were never painted and, therefore, do not constitute an LBP hazard.

#### 4.4.3 Polychlorinated Biphenyls

The Seneca Army Depot Activity has a program for disposing of electrical equipment containing PCBs. Building 301, located in the Main Depot Area along Fayette Road, is the PCB Transformer Storage Facility. Decommissioned transformer units and other suspected PCB-contaminated

electrical equipment are delivered to Building 301 by linemen. Sampling is conducted by the environmental coordinator to determine the concentrations of PCBs in the units and contaminated electrical equipment. The items are then disposed of by the DRMO. Transformers are stored in Building 301 for a maximum of seven months prior to disposal. It is not known to what extent the seven months policy was followed historically. This facility is a RCRA storage facility that will require closure.

There is no evidence of PCB releases from Building 301 based on regular inspections by the Seneca Army Depot Activity environmental coordinator. In addition, PCBs in soil samples in the vicinity of Building 301 were less than 1.0 milligrams per kilogram (mg/kg) and thus were below the regulatory limits established in EPA's PCB Spill Cleanup Policy (40 CFR 761). Therefore, Building 301 is not CERCLA regulated, but is qualified with a "P" for storage of equipment with greater than 50 parts per million (ppm) PCBs in the absence of evidence of a PCB release. The area for Building 301 is 824 square feet. The qualified area for this parcel is 0.02 acres.

#### 4.4.4 Radon

The Seneca Army Depot Activity *BRAC 1995 Implementation Plan* (Headquarters, Seneca Army Depot Activity 1995) states that all Class 1 and Class 2 structures (structures that have 24-hour occupancy, living quarters, or day care or children occupancy) were tested for radon and that testing of Class 3 structures (buildings with less than continual occupancy and warehouses) was due to be completed in 1995. Radon results from surveys of 303 buildings were available from the Seneca Army Depot Activity files (Seneca Army Depot Activity Radon Survey Results). Retesting of buildings exceeding mitigation levels was completed in May 1996.

##### 4.4.4.1 Designation of Buildings

Buildings with radon levels of 4.0 pCi/L or greater were designated "R," while those with radon less than 4.0 pCi/L were below EPA recommended mitigation levels and received no designation. It should be noted that any buildings that were not tested did not receive any designation.

#### 4.4.4.2 Results

Information regarding radon status for 303 buildings at the Seneca Army Depot Activity is presented in Appendix G. Retesting of these buildings in May 1996 revealed that only two remained above 4.0 pCi/L. The total area for these two buildings is 0.38 acres.

#### 4.4.5 **Unexploded Ordnance**

Information on the potential presence of UXO at the Seneca Army Depot Activity was available from the following sources:

1. The *Solid Waste Management Classification Study* (Engineering Science, Inc. 1994c), which was used to identify buildings or areas in SWMUs potentially containing UXO;
2. The IRMP database, which was used to identify potential UXO based on names of buildings and areas; and
3. On-site interviews and visual inspections.

#### 4.4.5.1 Designation of Buildings

Buildings and areas where UXO was stored or disposed are designated "X." Buildings possibly containing UXO stored for use or disposal and areas containing possible surface or buried UXO based on previous testing, dismantling, or deactivation of UXO were designated "X(P)."

#### 4.4.5.2 Results

The UXO status for each building or area at the Seneca Army Depot Activity is presented in Appendix G. Forty-two buildings, ten areas, and all 519 igloos were also designated "X(P)" for possible UXO stored for use or disposal. The total area is 1,303.24 acres.

#### 4.4.6 **Radionuclides**

The Seneca Army Depot Activity currently stores radioactive material (radiation calibration sources) in Buildings 321 and 806 and mixed waste in Building 803 (Engineering Science, Inc. 1994c). Building 803 is presently empty. A single row of eleven storage igloos was used to store pitchblende ore (Parcel 49(5)HS/HR). This area is one of the currently recognized SWMUs (SEAD-48) and it covers about 72.79 acres. Each of these igloos and the surrounding area of land

have been qualified for radionuclides. Three parcels in the North Depot Area have also been qualified for radionuclides. They correspond with BRAC Parcels 53(5)HR, 98(6)PS/HS/HR, and 103(6)HR.

A decommissioning survey was performed in 1992 and 1993 on 64 Special Weapons Area ammunition igloos (A0101, A0102, A0201 to A0218, A0301 to A0317, A0401 to A0409, A0501 to A0508, and A0601 to A0610) to confirm that the igloos have no radiation contamination and could be released for unrestricted use (Radiological Assistance Team, Seneca Army Depot Activity 1993). This survey was conducted because these igloos have been used for the storage of special weapons. No fixed or removable radiological contamination was found at the surveyed sites that exceeded regulatory guidelines and requirements. At the request of the Seneca Army Depot Activity, these igloos will be qualified for radionuclides. Also at the installation's request, another 96 storage igloos located in the munitions storage area will be qualified for radionuclides. These are listed in Appendix G and Table 5-4. These buildings and four areas were qualified for radionuclides. The total area of buildings and parcels designated "RD" is 438.00 acres.

#### 4.4.7 Pesticides, Herbicides, and Fungicide Usage

The Seneca Army Depot Activity has a herbicide/pesticide management program (Absolom 1994; Seneca Army Depot Activity 1994b). Herbicides and pesticides are stored for use at the Seneca Army Depot Activity in Building 606 (Parcel 74(6)PS/HS/HR). The area of Building 606 is 3,414 square feet. No qualified designation was given to non-CERCLA herbicide/pesticide areas at the Seneca Army Depot Activity (in this case, Building 606).

#### 4.5 RESERVE ENCLAVES

Even though some areas have been identified in the *BRAC 1995 Implementation Plan* (Headquarters, Seneca Army Depot Activity 1995) as being likely to be retained by DOD, all areas within the Seneca Army Depot Activity cantonment were investigated for this EBS. Areas that have been identified as being likely to be retained include: six warehouses for future storage of hazardous materials (Buildings 339, 347, 348, 350, 356, and 357); 20 strategic materials ore storage piles; a single administrative building (Building 103); and 36 areas of known environmental contamination.

**Table 4-1a**  
**NO ACTION SOLID WASTE MANAGEMENT UNITS**  
**SENECA ARMY DEPOT ACTIVITY, NEW YORK**

<b>SWMU NUMBER</b>	<b>SWMU DESCRIPTION</b>	<b>BRAC PARCEL NUMBER AND LABEL</b>
SEAD-1	Building 307 - Hazardous Waste Container Storage Facility	19(3)HS/HR
SEAD-2	Building 301 - PCB Transformer Storage Facility	3-301Q-L(P)/P
SEAD-7	Shale Pit	3(1)
SEAD-10	Present Scrap Wood Site	3(1)
SEAD-18	Building 709 - Classified Document Incinerator	3(1)
SEAD-19	Building 801 - Classified Document Incinerator	3(1)
SEAD-20	Sewage Treatment Plant No. 4	94(6)HR
SEAD-21	Sewage Treatment Plant No. 715	136(4)PR
SEAD-22	Sewage Treatment Plant No. 314	3(1)
SEAD-29	Building 732 - Underground Waste Oil Tank	47(3)PS/PR/HS
SEAD-30	Building 118 - Underground Waste Oil Tank	24(3)PS/PR/HS
SEAD-31	Building 117 - Underground Waste Oil Tank	25(2)PS/HS
SEAD-35	Building 718 - Waste Oil-Burning Boilers (3 units)	101(6)PS/PR/HS/HR
SEAD-36	Building 121 - Waste Oil-Burning Boilers (2 units)	87(6)PS/PR/HR(P)
SEAD-37	Building 319 - Waste Oil-Burning Boilers (2 units)	50(5)PS/PR/HR(P)
SEAD-42	Building 106 - Preventive Medicine Laboratory	27(2)PS/HS
SEAD-47	Buildings 321 and 806 - Radiation Calibration Source Storage	3(1) and 98(6)PS/PR/HS/HR
SEAD-49	Building 356 - Columbite Ore Storage	45(3)HS/HR
SEAD-51	Herbicide Usage - Perimeter of High Security Area	3(1)
SEAD-53	Munitions Storage Igloos	3(1) and 49(5)HS/HR
SEAD-55	Building 357 - Tannin Storage	3(1)
SEAD-61	Building 718 - Underground Waste Oil Tank	101(6)PS/HR/HS/HR
SEAD-65	Acid Storage Areas	41(2)HS, 42(2)HS, 43(2)HS
SEAD-72	Building 803 - Mixed Waste Storage Facility	98(6)PS/PR/HS/HR

Note: No Action SWMUs are sites which likely pose no threat to the environment.

**Table 4-1b**  
**HIGH PRIORITY AREAS OF CONCERN**  
**SENECA ARMY DEPOT ACTIVITY, NEW YORK**

<b>SWMU NUMBER</b>	<b>SWMU DESCRIPTION</b>	<b>BRAC PARCEL NUMBER AND LABEL</b>
SEAD-3	Incinerator Cooling Water Pond	48(5)HR
SEAD-4	Munitions Washout Facility Leach Field	57(6)PS/PR/HR
SEAD-6	Abandoned Ash Landfill	48(5)HR
SEAD-8	Non-Combustible Fill Area	48(5)HR
SEAD-14	Refuse Burning Pits (2 units)	48(5)HR
SEAD-15	Building 2207 - Abandoned Solid Waste Incinerator	48(5)HR
SEAD-16	Building S-311 - Former Deactivation Furnace	82(6)PS/PR/HS/HR
SEAD-17	Building 367 - Existing Deactivation Furnace	80(6)PS/HR
SEAD-23	Open Burning Ground	104(6)PR/HS/HR
SEAD-24	Abandoned Powder Burning Pit	55(6)PR(P)/HR
SEAD-25	Fire Training and Demonstration Pad	79(6)HR
SEAD-26	Fire Training Pit	66(6)HR
SEAD-45	Demolition Area	104(6)PR/HS/HR

Notes: RI/FS currently underway at SEAD-3, SEAD-6, SEAD-8, SEAD-14, SEAD-15, and SEAD-23.

High priority AOCs are SWMUs for which a release of hazardous waste has been reported or a release is likely to have occurred.

**Table 4-1c**  
**MODERATE PRIORITY AREAS OF CONCERN**  
**SENECA ARMY DEPOT ACTIVITY, NEW YORK**

SWMU NUMBER	SWMU DESCRIPTION	BRAC NUMBER AND LABEL
SEAD-11	Old Construction Debris Landfill	57(6)PS/PR/HR
SEAD-13	Inhibited Red Fuming Nitric Acid (IRFNA) Disposal Site	96(6)HR and 97(6)HR
SEAD-57	Explosive Ordnance Disposal Area	104(6)PR/HS/HR

Note: Moderate Priority AOCs are SWMUs for which there is evidence or suspicion of waste disposal, but for which the types and/or the exact locations of the wastes have not necessarily been established, and for which further investigation is a moderate priority.

**Table 4-1d**  
**MODERATELY LOW PRIORITY AREAS OF CONCERN**  
**SENECA ARMY DEPOT ACTIVITY, NEW YORK**

SWMU NUMBER	SWMU DESCRIPTION	BRAC NUMBER AND LABEL
SEAD-5	Sewage Sludge Waste Piles	81(6)HS/HR
SEAD-9	Old Scrap Wood Site	90(6)PR(P)/HR
SEAD-12	Radioactive Waste Burial Sites	53(5)HR and 98(6)PS/PR/HS/HR
SEAD-43	Building 606 - Old Missile Propellant Test Laboratory (refer to SEAD-56)	63(6)PS/HS/HR
SEAD-44	Quality Assurance Test Laboratory Location A: West of Building 616 Location B: Brady Road	60(6)HR 61(6)HR
SEAD-50	Tank Farm (refer to SEAD-54)	72(6)HS/HR
SEAD-54	Asbestos Storage	72(6)HS/HR
SEAD-56	Building 606 - Herbicide and Pesticide Storage (refer to SEAD-43)	63(6)PS/HS/HR
SEAD-58	Debris Area Near Booster Station 2131	106(6)HR
SEAD-59	Fill Area West of Building 135	85(6)PR/HR
SEAD-69	Building 606 - Disposal Area	63(6)PS/HS/HR

Notes: SEAD-43, SEAD-56, and SEAD-69 are included as one AOC for the SI program.  
SEAD-50 and SEAD-54 are included as one AOC for the SI program.

Moderately Low Priority AOCs are SWMUs for which there is evidence or suspicion of waste disposal, but for which the types and/or the exact locations of the wastes have not necessarily been established, and for which further investigation is a moderately low priority.



**Table 4-1e**  
**LOW PRIORITY AREAS OF CONCERN**  
**SENECA ARMY DEPOT ACTIVITY, NEW YORK**

SWMU NUMBER	SWMU DESCRIPTION	PARCEL NUMBER AND LABEL
SEAD-27	Building 360 - Steam Cleaning Waste Tanks	51(5)PS/PR/HS/HR(P)
SEAD-28	Building 360 - Underground Waste Oil Tanks	51(5)PS/PR/HS/HR(P)
SEAD-32	Building 718 - Underground Waste Oil Tanks	101(6)PS/PR/HS/HR
SEAD-33	Building 121 - Underground Waste Oil Tanks	87(6)PS/PR/HR(P)
SEAD-34	Building 319 - Underground Waste Oil Tanks	50(5)PS/PR/HR(P)
SEAD-38	Building 2079 - Boiler Plant Blowdown Leach Pit	57(6)PS/PR/HR
SEAD-39	Building 121 - Boiler Plant Blowdown Leach Pit	87(6)PS/PR/HR(P)
SEAD-40	Building 319 - Boiler Plant Blowdown Leach Pit	50(5)PS/PR/HR(P)
SEAD-41	Building 718 - Boiler Plant Blowdown Leach Pit	101(6)PS/PR/HS/HR
SEAD-46	Small Arms Range	122Q-X
SEAD-48	Pitch Blend Storage Igloos	48(5)HS/HR
SEAD-52	Buildings 608 and 612 - Ammunition Breakdown Area	59(6)PS/PR/HR
SEAD-60	Oil Discharge Adjacent to Building 609	59(6)PS/PR/HR
SEAD-62	Nicotine Sulfate Disposal Area near Buildings 606 or 612	62(6)HR(P)
SEAD-63	Miscellaneous Components Burial Site	103(6)HR
SEAD-64	Garbage Disposal Areas: Location A: Debris Landfill South of Storage Pad Location B: Disposal Area South of Classification Yards Location C: Proposed Landfill Site Location D: Disposal Area West of Building 2203	64(6)HR 58(6)HR 3(1) 48(5)HR
SEAD-66	Pesticide Storage Near Buildings 5 and 6	92(6)HS/HR(P)
SEAD-67	Dump Site East of Sewage Treatment Plant No. 4	94(6)HR
SEAD-68	Building S-335 - Oil Pest Control Shop	108(7)HS(P)/HR(P)
SEAD-70	Building 2110 - Fill Area	104(6)PR/HS/HR
SEAD-71	Alleged Paint Disposal Area	89(6)HR

Note: Low Priority AOCs are SWMUs for which there is evidence or suspicion of waste disposal, but for which the types and/or the exact locations of the wastes have not necessarily been established, and for which further investigation is a low priority.



## 5.0 ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

This section presents the parcelization of the BRAC property in accordance with the criteria described in the CERFA guidance and the DOD *BCP Guidebook* (DOD 1993).

### 5.1 PARCEL DESIGNATIONS

Based on a review of installation documents; federal, state, and local records; and a site visit including employee interviews and visual inspections of the property and facilities, Woodward-Clyde divided the Seneca Army Depot Activity installation into BRAC parcels that represent the environmental condition of the property area. The BRAC parcels and corresponding categorizations are identified in Table 5-1a (following Section Five) and on the CERFA map, Figure 5-1. Areas containing non-CERCLA contamination substances are identified and delineated separately as qualified parcels and are presented in Table 5-1b (following Section Five). Qualified parcels overlay all environmental condition of the property categories (Categories 1 through 7). Parcels are labeled as described in Section 1.3. A 25-acre grid coordinate system is overlaid on the CERFA map to facilitate the parcelization discussion by geographically locating the various parcels.

Parcel boundaries are drawn using the best available information on the extent of contamination and do not follow map grid lines. Small point sources of contamination or storage, such as USTs, were delineated by circular 0.25-acre parcels centered on the source, as stipulated in DOD guidance. For consistency and to facilitate the summation of acreages, parcel acreages were calculated to two decimal places using the digitized map (Figure 5-1) and AutoCad Release 12. This method is not meant to imply an accuracy to one one-hundredth of an acre.

#### 5.1.1 Category 1 Parcels

Woodward-Clyde's survey and subsequent parcelization of the Seneca Army Depot Activity identified four parcels, approximately 8,555 acres, as Category 1 parcels. The Category 1 parcels and locations on Figure 5-1 are described in the following sections.

##### **BRAC Parcel Number and Label 1(1)**

##### **CERFA Map Location 18,6**

This parcel is associated with most of the Lake Housing Area, with the exclusion of the housing area itself. This parcel consists of the area between the housing and the highway. The housing

area is excluded from this parcel and placed in Parcel 5(2) because it is associated with petroleum storage activities. The parcel is designated as a Category 1 parcel because there has been no documented storage of hazardous substances or petroleum products; nor is there evidence of release, disposal, or migration from an adjacent property of hazardous substances or petroleum products within the identified area.

**BRAC Parcel Number and Label 2(1)****CERFA Map Location 26,10**

This parcel is associated with most of the Airfield Area, with the exclusion of those areas that are otherwise identified. The parcel is designated as a Category 1 parcel because there has been no documented storage of hazardous substances or petroleum products; nor is there evidence of release, disposal, or migration from an adjacent property of hazardous substances or petroleum products within the identified area.

**BRAC Parcel Number and Label 3(1)****CERFA Map Location 16,15**

This parcel is associated with most of the Main Depot, South Depot, Coast Guard, and North Depot Areas, with the exclusion of those areas that are otherwise identified. The parcel is designated as a Category 1 parcel because there has been no documented storage of hazardous substances or petroleum products; nor is there evidence of release, disposal, or migration from an adjacent property of hazardous substances or petroleum products within the identified area.

**BRAC Parcel Number and Label 4(1)****CERFA Map Location 19,24**

This parcel is associated with the small area within the Elliot Acres Housing Area. The parcel is designated as a Category 1 parcel because there has been no documented storage of hazardous substances or petroleum products; nor is there evidence of release, disposal, or migration from an adjacent property of hazardous substances or petroleum products within the identified area.

**5.1.2 Category 2 Parcels**

# FINAL

## SECTION FIVE

## ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

Of the 10,634 acres that comprise the Seneca Army Depot Activity BRAC property, 30 parcels, approximately 111 acres, were designated as Category 2. The Category 2 parcels are identified on Figure 5-1 and summarized in the following sections.

### **BRAC Parcel Number and Label 5(2)PS/HS**

#### **CERFA Map Location 17,2**

This parcel is associated with 26 petroleum USTs and 34 ASTs located at the Lake Housing Area (Buildings 2401 to 2422, 2423 to 2439, 2441, 2443 to 2451, 2453 to 2456, 2466, 2470 to 2502, 2504 to 2505, 2507, 2508, 2510 to 2521, 2523 to 2524) and hazardous storage at Building 2456. Table 5-2 summarizes the USTs and ASTs associated with this parcel.

**Table 5-2  
USTs and ASTs ASSOCIATED WITH  
BRAC PARCEL NUMBER AND LABEL 5(2)PS/HR**

<b>TANK SIZE AND TYPE</b>	<b>STATE REGISTRATION NUMBER</b>	<b>STATUS</b>
550-gallon fuel oil USTs	141 to 144, 146 to 156, 158 to 164, and 166	In service since 1942
275-gallon fuel oil ASTs	3, 14, 22, 27, 54, 60, 63, 67, 173, 186, 189, 191 to 193, 199, 204 to 209, and 216 to 224	In service since 1988
1,000-gallon fuel oil UST	71	In service since 1981
Two 275-gallon fuel oil ASTs	72	In service since 1942
2,000-gallon fuel oil AST	73	In service since 1992
Two 275-gallon fuel oil ASTs	145	In service since 1991
500-gallon fuel oil UST	157	In service since 1986
550-gallon gasoline AST	174	In service since 1991
1,500-gallon fuel oil UST	184	Closed in place with NYSDEC approval

There have been no documented releases associated with these USTs or ASTs. Building 2456 is a boat house that is used for the storage of paints and solvents. A visual inspection during the 1995 EBS did not uncover any evidence of a release nor is there any record of a release associated with this building. This parcel is designated as Category 2.

### **BRAC Parcel Number and Label 7(2)PS**

#### **CERFA Map Location 28,10**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with a UST located at Building 2306. This UST (SRN 70) is used to store 1,000 gallons of fuel oil and has been in service since 1957. A visual inspection of the area did not reveal any evidence of contamination or release, and there is no record of any release. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 9(2)HS(P)**

##### **CERFA Map Location 30,23**

This parcel is associated with a rumored acid storage site and is located near the southern end of the Main Depot Area. An interview confirmed that this area had been the location of an acid storage shed. A visual inspection of the area revealed the presence of a depression that the escort reported as being near the location of the acid storage shed. The escort also claimed that the structure itself had been moved. The shed was described as being a self-contained metal unit, and there is no record or evidence that there had ever been a release. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 10(2)PS**

##### **CERFA Map Location 28,26**

This parcel is associated with a petroleum AST located at the LORAN-C facility (SRN 215). This AST is used to store 6,000 gallons of fuel oil. There has been no documented release associated with the AST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 11(2)HS**

##### **CERFA Map Location 24,22**

This parcel is associated with Building 327, a warehouse. Visual inspections and interviews conducted during the 1995 EBS indicated that pesticides, soda ash, and antifreeze have been stored in this building. There have been no documented releases associated with this building. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 12(2)HS**

##### **CERFA Map Location 24,22**

This parcel is associated with Building 326, a warehouse. A visual inspection conducted during the 1995 EBS indicated that super topical bleach (STB) and chlorine impregnate are stored in

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

this building. There have been no documented releases associated with this building. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 15(2)HS**

##### **CERFA Map Location 22,22**

This parcel is associated with Building 324, a warehouse. Records indicated that columbite ore had been stored in this building from 1954 to 1974. A radionuclide survey of this building was previously conducted and no evidence of contamination was detected. There have been no documented releases associated with this building. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 16(2)HS**

##### **CERFA Map Location 22,23**

This parcel is associated with Building 343, a warehouse. Visual inspections and interviews conducted during the 1995 EBS indicated that pesticides, soda ash, and antifreeze have been stored in this building. There have been no documented releases associated with this building. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 18(2)HS**

##### **CERFA Map Location 21,22**

This parcel is associated with Building 333, a warehouse. Visual inspections and interviews conducted during the 1995 EBS indicated that solvents, STB, and diethylenetriamine (DS-2) have been stored in this building. There have been no documented releases associated with this building. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 20(2)PS/HS**

##### **CERFA Map Location 21,21**

This parcel contains Buildings 316, 317, 318, and 372, ordnance repair warehouses, and shops. Records and interviews indicated that solvents and petroleum products have been stored in these buildings. There has been no documented release associated with these buildings. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 21(2)PS**

##### **CERFA Map Location 20,23**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with 63 petroleum USTs and 5 ASTs located at the Elliot Acres Family Housing Area (Buildings 200 to 219 and 221 to 245). Sixty-one tanks (SRNs 74 to 81, 86 to 87, 89, 91 to 124, 126 to 134, 136 to 140, and 200 to 201) are 550-gallon fuel oil USTs. Two (SRNs 125 and 135) are 1,000-gallon fuel oil USTs. Four tanks (SRNs 82 to 85) are 275-gallon fuel oil ASTs. One (SRN 90) is a 500-gallon fuel oil AST. Installation dates of these tanks range from 1942 to 1992. There have been no documented releases associated with any of these USTs or ASTs. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 22(2)PS**

##### **CERFA Map Location 19,23**

This parcel is associated with a petroleum UST located at Building 101 (SRN 6). This UST is used to store 3,000 gallons of fuel oil and has been in service since 1942. There has been no documented release associated with this UST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 23(2)PS**

##### **CERFA Map Location 18,23**

This parcel is associated with a petroleum UST located at Building 103 (SRN 1). This UST is used to store 2,500 gallons of fuel oil and has been in service since 1988. There has been no documented release associated with this UST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 25(2)PS/HS**

##### **CERFA Map Location 19,23**

This parcel is associated with Building 117. This facility is a heavy equipment shop that has been used for battery maintenance and storage. Antifreeze and battery acid have been stored in this building. A waste oil UST (SRN 25) is associated with this building. This UST is used to store 2,005 gallons of waste oil. This UST is still in use and is one of the presently recognized SWMUs (SEAD-31). It has been previously classified as a No Action SWMU under CERCLA. There have been no documented releases associated with the building or UST. This parcel is designated as Category 2.



## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 26(2)HS**

##### **CERFA Map Location 19,22**

This parcel is associated with Building 125, a former paint shop. This building was used to store paints and solvents. There has been no documented release associated with this building. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 27(2)PS/HS**

##### **CERFA Map Location 18,23**

This parcel is associated with a preventive medicine laboratory and a petroleum UST located at Building 106A (SRN 9). Medical waste materials have been stored in this facility in appropriate biohazard containers. This UST is used to store 5,000 gallons of fuel oil. There has been no documented releases associated with this UST or the medical wastes. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 28(2)HS**

##### **CERFA Map Location 18,22**

This parcel is associated with two USTs located at Building 114. These USTs (SRNs 12 and 13) are used to store 1,000 gallons each of fuel oil, and both have been in service since 1943. A visual inspection of the area did not reveal any evidence of contamination or release, and there is no record of any release. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 30(2)PS**

##### **CERFA Map Location 18,21**

This parcel is associated with a petroleum UST located at Building 113 (SRN 11). This UST is used to store 2,000 gallons of fuel oil. There has been no documented release associated with this UST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 31(2)PS/HS**

##### **CERFA Map Location 20,21**

This parcel contains Building 312, an inflammable materials storage warehouse. Records and interviews indicated that solvents, paints, antifreeze, hydrofluorosilic acid, and petroleum products have been stored in this building. There has been no documented release associated with this building. This parcel is designated as Category 2.

FINAL

---

**SECTION FIVE** **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

**BRAC Parcel Number and Label 32(2)PS**

**CERFA Map Location 2,15**

This parcel is associated with a petroleum UST located at Building 800 (SRN 45). This UST is used to store 1,500 gallons of fuel oil and has been in service since 1981. There has been no documented release associated with this UST. This parcel is designated as Category 2.

**BRAC Parcel Number and Label 33(2)PS**

**CERFA Map Location 2,15**

This parcel is associated with a petroleum UST located at Building 729 (SRN 39). This UST is used to store 2,000 gallons of fuel oil and has been in service since 1986. There has been no documented release associated with this UST. This parcel is designated as Category 2.

**BRAC Parcel Number and Label 34(2)PS**

**CERFA Map Location 3,3**

This parcel is associated with Buildings 719, 720, and 721, and two USTs. These three buildings were associated with petroleum storage, a fueling station, and a maintenance shop. A visual inspection did not reveal any evidence of staining or leaking of petroleum product. Building 719 is a pump house for a 15,000-gallon gasoline UST (SRN 172). This UST has been in service since 1985. Building 720 is a motor vehicle shop. Building 721 is a military police maintenance and office building, which is served by a 12,000-gallon diesel UST (SRN 202) located north of the building. This UST has been in service since 1986. There have been no documented releases associated with these USTs or buildings. This parcel is designated as Category 2.

**BRAC Parcel Number and Label 35(2)PS**

**CERFA Map Location 2,2**

This parcel is associated with a petroleum UST located at Building 733 (SRN 40). This UST is used to store 1,000 gallons of fuel oil and has been in service since 1971. There has been no documented release associated with this UST. This parcel is designated as Category 2.

**BRAC Parcel Number and Label 36(2)PS**

**CERFA Map Location 3,14**

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

This parcel is associated with a petroleum UST located at Building 746 (SRN 43). This UST is used to store 3,000 gallons of fuel oil and has been in service since 1982. There has been no documented release associated with this UST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 38(2)PS**

##### **CERFA Map Location 2,12**

This parcel and area of real property is associated with two petroleum USTs located at Building 742 (SRNs 210 and 211). These USTs were used to store 3,000 gallons of gasoline each. They have been in service since 1990 but were both temporarily out of service at the time of the 1995 EBS investigation. There has been no documented release associated with these USTs. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 39(2)PS**

##### **CERFA Map Location 2,12**

This parcel is associated with a petroleum UST located at Building 714 (SRN 37). This UST is used to store 1,000 gallons of fuel oil and has been in service since 1957. There has been no documented release associated with this UST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 40(2)PS**

##### **CERFA Map Location 2,12**

This parcel is associated with a petroleum UST located at Building 740 (SRN 42). This UST is used to store 1,000 gallons of fuel oil and has been in service since 1960. There has been no documented release associated with this UST. This parcel is designated as Category 2.

#### **BRAC Parcel Number and Label 41(2)HS**

##### **CERFA Map Location 14,9**

This parcel is associated with an acid storage area south of the truck gate. This area corresponds to one of the previously recognized SWMUs (SEAD-65A). No evidence of release has been observed, and pH testing by Engineering Science, Inc. of the soils in this area did not find pH values outside of the normal range for soils. This SWMU has been previously classified as a No Action SWMU under CERCLA. This parcel is designated as Category 2.

**BRAC Parcel Number and Label 42(2)HS****CERFA Map Location 14,9**

This parcel is associated with an acid storage area south of the truck gate. This area corresponds to one of the previously recognized SWMUs (SEAD-65B). No evidence of release has been observed, and pH testing by Engineering Science, Inc. of the soils in this area did not find pH values outside of the normal range for soils. This SWMU has been classified as a No Action SWMU under CERCLA. This parcel is designated as Category 2.

**BRAC Parcel Number and Label 43(2)HS****CERFA Map Location 14,9**

This parcel is associated with an acid storage area south of the truck gate. This area corresponds to one of the previously recognized SWMUs (SEAD-65C). No evidence of release has been observed, and pH testing by Engineering Science, Inc. of the soils in this area did not find pH values outside of the normal range for soils. This SWMU has been classified as a No Action SWMU under CERCLA. This parcel is designated as Category 2.

**5.1.3 Category 3 Parcels**

Of the 10,634 acres that comprise the Seneca Army Depot Activity BRAC property, ten parcels, approximately 21 acres, were designated as Category 3. The Category 3 parcels are identified on Figure 5-1 and are summarized in the following sections.

**BRAC Parcel Number and Label 13(3)HS/HR****CERFA Map Location 23,22**

This parcel is associated with Building 330, a warehouse. Visual inspections and interviews conducted during the 1995 EBS indicated that pesticides, soda ash, and antifreeze have been stored in this building. In 1993, five gallons of an unspecified hazardous substance were spilled inside of this building. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9306000). There have been no other documented releases associated with this building. This parcel is designated as Category 3.

**BRAC Parcel Number and Label 14(3)HS/HR****CERFA Map Location 22,22**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with Building 331, a warehouse. Visual inspections and interviews conducted during the 1995 EBS indicated that pesticides, soda ash, and antifreeze have been stored in this building. In 1992, three gallons of an unspecified hazardous substance was spilled inside this building. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9208729). There have been no other documented releases associated with this building. This parcel is designated as Category 3.

#### **BRAC Parcel Number and Label 17(3)HS/HR**

##### **CERFA Map Location 22,22**

This parcel is associated with Building 323, a warehouse. Visual inspections and interviews conducted during the 1995 EBS indicated that pesticides, soda ash, and antifreeze have been stored in this building. In 1992, three gallons of an unspecified hazardous substance were spilled inside this building. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9112897). This parcel is designated as Category 3.

#### **BRAC Parcel Number and Label 19(3)HS/HR**

##### **CERFA Map Location 21,22**

This parcel is associated with Building 307, a hazardous waste container storage facility. Records indicated that this building has been used for the storage of waste materials, such as PCBs, solvents, corrosive liquids, flammable solids, and flammable liquids. The building conforms to hazardous waste storage regulations in the state of New York (New York Regulations Title 6, Section 373-2) and is included in the RCRA Part B permit application. In 1991, 45 gallons of an unspecified hazardous substance were spilled inside this building. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9100990). This building is one of the previously recognized SWMUs (SEAD-1) and has been previously classified as a No Action SWMU under CERCLA. This parcel is designated as Category 3.

#### **BRAC Parcel Number and Label 24(3)PS/PR/HS**

##### **CERFA Map Location 19,23**

This parcel is associated with Building 118, an auto shop, and Building 120, a gas station. A 500-gallon used oil AST (SRN 23) is located at Building 118. Building 118 is one of the presently recognized SWMUs (SEAD-30) and has been classified by Engineering Science, Inc. as a No Action SWMU under CERCLA. This designation was based on the previous presence

FINAL

---

**SECTION FIVE** **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

of a 550-gallon waste oil UST (Former SRN 208) that has been removed. Records indicate that no evidence of release was observed when the tank was removed in 1992. In 1992, two gallons of diesel fuel were spilled inside Building 118. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9204312). Two USTs are located at Building 120; SRN 168 is a 20,000-gallon gasoline UST and SRN 176 is a 10,000-gallon diesel fuel UST. There have been no documented releases associated with the AST or any of the USTs. This parcel is designated as Category 3.

**BRAC Parcel Number and Label 29(3)PS/PR**

**CERFA Map Location 19,21**

This parcel is associated with a petroleum AST located at Building 129 (SRN 187). This AST is used to store 60,000 gallons of fuel oil. In 1994, a 15-gallon release from this tank was reported because of mechanical failure. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9402116). This parcel is designated as Category 3.

**BRAC Parcel Number and Label 44(3)PR/HR**

**CERFA Map Location 29,26**

This parcel is associated with the LORAN-C building. Interviews revealed that in 1995 there was a 100-pound accidental release of halon in the control room of this building. The control room was evacuated and ventilated, and the released materials were cleaned up. No other actions were taken. In 1991, an unknown quantity of diesel fuel was released at this facility. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9306216). This parcel is designated as Category 3.

**BRAC Parcel Number and Label 45(3)HS/HR**

**CERFA Map Location 27,25**

This parcel is associated with Building 356, a warehouse. This building is one of the recognized SWMUs (SEAD-49) because it was used to store columbite ore from 1973 to 1993. According to the *Solid Waste Management Unit Classification Study*, no evidence of a release was observed, and a radiological survey of the building did not find any readings above background levels, leading to a No Action classification.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This building is presently used for the storage of DS-2. In June of 1995, three spills involving DS-2 were noted for this building. One spill of three gallons of DS-2 was reported to the NYSDEC (Spill No. 9503157). The other two spills involved two quarts of DS-2. The three spills were inside 40-foot steel containers that were being off-loaded into Building 356. These spills were cleaned up, and the reported case is closed. This parcel is designated as Category 3.

#### **BRAC Parcel Number and Label 46(3)HR**

##### **CERFA Map Location 18,21**

This parcel is associated with a scrap wood storage site. This site is one of the presently recognized SWMUs (SEAD-10). Periodic releases to the air, because of the burning of wood in this area, have been documented. This SWMU has been previously classified as a No Action SWMU under CERCLA. This parcel is designated as Category 3.

#### **BRAC Parcel Number and Label 47(3)PS/PR/HS**

##### **CERFA Map Location 2,14**

This parcel is associated with Building 732, the Auto Hobby Shop in the North Administration Area. This building has been previously classified as a No Action SWMU (SEAD-29). Interviews conducted during the 1995 EBS revealed that numerous small quantity spills of petroleum products occurred in this building. However, there have been no reported spills inside this building since 1990. Before 1990, procedures were in place for addressing the spills as they occurred to ensure prompt cleanup. The petroleum product may have also drained into the floor drains and entered the storm sewer system. The presence of an oil/water separator has likely minimized any actual release. When this facility was closed and the hydraulic lifts were removed, sampling was conducted that indicated there was no need for any remedial actions. One UST (SRN 59) is located at this site. It has a 550-gallon capacity, is used to store waste oil, and has been in service since 1982. There has been no record of leakage from this tank. This parcel is designated as Category 3.

#### **BRAC Parcel Number and Label 129(3)HR**

##### **CERFA Map Location 19,2**

This parcel is associated with an area adjacent to Building 2438, located in the Lake Housing Area. In 1993, a release of 500 gallons of sewage occurred because of a mechanical failure. The

spill was cleaned up, and the case is closed. (NYSDEC Identification Number 9213269). This parcel has been designated as Category 3.

**BRAC Parcel Number and Label 130(3)PR/HR(P)**

**CERFA Map Location 24,23**

This parcel is associated with Building 349, a warehouse. Three spills involving fuel oil, non-PCB oil, and an unknown substance, have been reported to have occurred inside this building. The spills were cleaned up, and the cases are closed (see Table 2.3 for details). This parcel has been designated as Category 3.

**BRAC Parcel Number and Label 131(3)PS/PR/HS/HR**

**CERFA Map Location 27,25**

This parcel is associated with Building 357, a warehouse. At the time of the EBS site inspection, this building was not being used for hazardous storage. However, various types of hazardous materials were stored in this building in the past. Five spills involving small quantities (5 gallons or less) of unspecified hazardous materials have been reported to have occurred inside this building. The spills were all cleaned up, and the cases are closed (see Table 2-3 for identification numbers). In 1987, a leak of 75 gallons of fuel oil was reported at this building. The release was cleaned up, and the case is closed (NYSDEC Identification Number 8708149). This parcel has been designated as Category 5.

**BRAC Parcel Number and Label 132(3)PR/HR(P)**

**CERFA Map Location 18,17**

In 1992, a small spill of “waste oil” reportedly occurred near storage igloo C509. This incident involved motor oil and hydraulic fluid released from a tractor that overturned while mowing in this area. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9206638). This parcel has been designated as Category 3.

#### **5.1.4 Category 4 Parcels**

Of the 10,634 acres that comprise the Seneca Army Depot Activity BRAC property, four parcels, approximately two acres, were designated as Category 4. The Category 4 parcels are identified on Figure 5-1 and are summarized in the following sections.



## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 6(4)PS/PR**

##### **CERFA Map Location 28,10**

This parcel is associated with a UST located at Building 2310 in the Airfield Area. This UST (SRN 185) is used to store 30,000 gallons of JP8 and has been in service since 1990. A visual JP8 inspection of the area did not reveal any evidence of contamination. In 1988, this tank was reported as leaking; an unknown quantity of jet fuel was released. All necessary remedial actions have been taken, and the case is closed (NYSDEC Identification Number 9402116). This parcel is designated as Category 4.

#### **BRAC Parcel Number and Label 8(4)PS/PR**

##### **CERFA Map Location 28,10**

This parcel is associated with reported spills and a UST located at Building 2305. This UST (SRN 69) is used to store 1,000 gallons of fuel oil and has been in service since 1957. A visual inspection of the area did not reveal any evidence of contamination. In 1987, this tank was listed as a LUST. Reportedly an unknown quantity of No. 2 fuel oil was released. All necessary remedial actions have been taken and the case is closed (NYSDEC Identification Number 9011429). Two spills were reported at or near Building 2305. These have a two-gallon release of non-PCB oil that was related to an automobile accident (NYSDEC Identification Number 9411405) and a twenty-five gallon release of fuel oil from an overfilled tank (NYSDEC Identification 9011429). This parcel is designated as Category 4.

#### **BRAC Parcel Number and Label 37(4)PS/PR**

##### **CERFA Map Location 3,12**

This parcel is associated with a petroleum UST located at Building 710 (SRN 36). This UST is used to store 1,000 gallons of fuel oil and has been in service since 1991. In 1989, this UST was reported as leaking; an unknown quantity of fuel oil was released. All necessary remedial actions were taken; and the case is closed (NYSDEC Identification Number 8907242). This parcel is designated as Category 4.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 133(4)PS/PR**

##### **CERFA Map Location 19,2**

In 1992, a leach was reported involving an unknown quantity of fuel from an AST near Building 2452, located in the Lake Housing Area. All necessary remedial actions were taken, and the case is closed (NYSDEC Identification Number 9204266). This parcel has been designated as Category 4.

#### **BRAC Parcel Number and Label 134(4)PS/PR**

##### **CERFA Map Location 2,14**

In 1992, a leak was reported involving seven gallons of fuel oil from an AST near Building 752, located in the North Depot Area. All necessary remedial actions were taken, and the case is closed (NYSDEC Identification Number 9207220). This parcel has been designated as Category 4.

#### **BRAC Parcel Number and Label 135(4)PS/PR**

##### **CERFA Map Location 19,23**

In 1990, a leak was reported involving an unknown quantity of fuel oil from an AST near Building 212 in the Elliot Acres Housing Area. All necessary remedial actions were taken, and the case is closed (NYSDEC Identification Number 8910053). This parcel has been designated as Category 4.

#### **BRAC Parcel Number and Label 136(4)PR**

##### **CERFA Map Location 2,11**

This parcel is associated with Building 715, a sewage treatment plant. In 1987, a fuel line ruptured inside of Building 718, a boiler plant. The fuel oil entered the sewage system and traveled to Building 715 where it was contained in the secondary sewage treatment facility. The release was cleaned up, and the case is closed (NYSDEC Identification Number 8910830). This parcel has been designated as Category 4.

**5.1.5 Category 5 Parcels**

Of the 10,634 acres that comprise the Seneca Army Depot Activity BRAC property, six parcels, approximately 207 acres, were designated as Category 5. The Category 5 parcels are identified on Figure 5-1 and are summarized in the following sections.

**BRAC Parcel Number and Label 48(5)HR****CERFA Map Location 22,12**

This parcel consists of a non-combustible landfill (SEAD-8), an incinerator cooling water pond (SEAD-3), an ash landfill (SEAD-6), refuse burning pits (SEAD-14), a solid waste incinerator (SEAD-15), and a disposal area west of Building 2203 (SEAD-64D).

The non-combustible landfill was used from 1974 to 1979 to dispose of materials that were either non-combustible or too bulky to be incinerated or burned. The incinerator cooling water pond was used from 1974 to 1979 to hold the cooling water and fly ash generated from the scrubber of the solid waste incinerator. The fly ash was removed every 18 months and disposed of at the ash landfill. The ash landfill was used from 1941 to the late 1950s or early 1960s, and again from 1974 to 1979. Ash from the refuse burning pits was disposed of from 1941 until the late 1950s or early 1960s. In 1994 and 1995, soil from the ash landfill was excavated and treated utilizing a Low Temperature Thermal Desorption system. Groundwater contamination at this site remains to be mitigated. The refuse burning pits were used from 1941 to 1974 to burn all wastes generated on the depot until the incinerator opened in 1974. After burning, metal was removed for recycling and the ash was pushed into the ash landfill. The solid waste incinerator was used from 1974 to 1979 to burn depot refuse.

The disposal area west of Building 2203 was reportedly used for the dumping of crushed heavy gauge metal drums, empty smoke generating canisters, and various other metallic debris. Five of these SWMUs (SEADs-3, 6, 8, 14, and 15) have been combined into an Operable Unit, referred to as the Ash Landfill, that is currently being investigated under the CERCLA RI/FS. Results of an ESI conducted by Engineering Science, Inc. indicated that one large debris pile in the southwestern portion of SEAD-64D may have impacted the soils and groundwater locally. Engineering Science, Inc. has recommended an RI/FS for this SWMU. This parcel is designated as Category 5.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 49(5)HS/HR**

##### **CERFA Map Location 29,19**

This parcel is associated with 11 pitchblende storage igloos (EO801 to EO811) and a railroad loading area. In the 1940s, the igloos were used for the storage of about 2,000 barrels of pitchblende, a uranium ore. After the pitchblende was removed, the igloos were used for the storage of conventional munitions until about 1979. This area is a previously recognized SWMU (SEAD-48). In 1976, a radiological survey indicated that while no health hazards existed, the radiation levels present were in excess of allowable concentrations that would permit unrestricted use of the 11 storage igloos and the surrounding areas. Remediation was conducted in the 1980s, but NYSDEC and the New York State Department of Health found that contamination still existed. This SWMU has been classified as a Low Priority AOC under CERCLA, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 5.

#### **BRAC Parcel Number and Label 50(5)PS/PR/HR(P)**

##### **CERFA Map Location 21,22**

This parcel consists of two waste oil storage USTs (SEAD-34), a boiler blowdown leach pit (SEAD-40), and two waste oil burning boilers at Building 319 (SEAD-37).

Both of the USTs have been in use since 1951 for fuel oil storage, and small quantities of waste oil were stored in them from 1982 to 1989. One tank has a 30,000-gallon capacity (SRN 196) and the other has a 20,000-gallon capacity (SRN 197). Limited sampling by Engineering Science, Inc. detected the presence of total petroleum hydrocarbon (TPH) in two soil samples. In 1994, a LUST were reported at this location; 40 gallons of gasoline were released. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9402630). This SWMU is classified as a Low Priority AOC, and an RI/FS of this SWMU is scheduled.

In 1994, 40 gallons of fuel oil were released in this area. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9402630). In 1992, 30 gallons of fuel oil were released in this area. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9111882).

The boiler blowdown leach pit was used from the time the boilers were first placed in service to the time when the blowdown points were connected to the sanitary sewer system in 1979 or

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

1980, which constitutes a first step toward remediation of this area. Limited sampling by Engineering Science, Inc. detected TPH in surface and subsurface soil samples. This SWMU is classified as a Low Priority AOC, and remedial action has been recommended by Engineering Science, Inc.

The two boilers in Building 319 were used to burn a waste oil and No. 6 fuel oil mixture from 1982 to 1989 and are still functional. This SWMU is classified as a No Action SWMU under CERCLA.

This parcel is designated as Category 5.

#### **BRAC Parcel Number and Label 51(5)PS/PR/HS/HR(P)**

#### **CERFA Map Location 21,21**

This parcel consists of two waste oil USTs (SEAD-28), three fuel oil USTs, and a steam (Jenny) cleaning waste tank (SEAD-27). All of these facilities are located at Building 360 in the Main Depot Area just west of the IPE Subarea. The two waste oil USTs (SRN 26, Building 355E; and SRN 206, Building 355W) had a 2,005-gallon capacity and had been used since 1981 to provide a fuel supplement to boilers. SRN 206 was found to contain water in 1993 and was subsequently removed. SRN 26 was unused and subsequently removed in December of 1994. A visual inspection in 1990 revealed that waste oil had been spilled around both of the tanks. Removal and appropriate disposal of surficial soil in this area was conducted, but NYSDEC requires that SEAD-28 be considered an AOC. It has been classified as a Low Priority AOC, and the development of a Site Inspection (SI) Workplan has been recommended by Engineering Science, Inc.

The three fuel oil USTs located in this parcel are SRN 29 (500-gallon), SRN 30 (500-gallon), and SRN 31 (1,000-gallon). Tanks 29 and 30 have been in place since 1969 and Tank 31 since 1980. There is no evidence of a release from any of these three USTs. The steam cleaning waste tank is an open-top concrete tank with a grate over the top. It has a maximum capacity of 4,500 gallons. It was in use from 1976 to 1989 to collect wastewater from the cleaning and degreasing of equipment that was being refurbished in Building 360. This SWMU has been previously classified as a Low Priority AOC, and a RCRA Closure Plan is under review. This parcel is designated as Category 5.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 52(5)PR**

##### **CERFA Map Location 19,23**

This parcel is associated with an oil spill that started from a failed UST at Building 138. The incident occurred on November 19, 1992 and involved the release of approximately 1,900 gallons of fuel oil. The oil drained from the tank into the storm drain, then into a drainage ditch, and ultimately into Kendaia Creek. The total length of the release is about one mile. The incident was reported to NYSDEC (LUST No. 9209672) and cleanup actions followed. However, based on an interview conducted during the 1995 EBS, and the unavailability of a closure report regarding this incident, it appears that additional remediation efforts may still be required. This parcel is designated as Category 5.

#### **BRAC Parcel Number and Label 53(5)HR**

##### **CERFA Map Location 3,17**

This parcel is associated with an area located northeast of Building 813 that was used for radioactive burial. This area is one of the previously recognized SWMUs (SEAD-12A). Reported radioactive waste was buried here in the form of swipes and other laboratory wastes. This area was excavated in 1986, and the trash was containerized and shipped to an authorized off-post radioactive waste landfill in December 1987. The results of an ESI conducted by Engineering Science, Inc. indicated that fill material sampled at this location has been contaminated by heavy metals. This SWMU is classified as a Moderately Low AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 5.

#### **5.1.6 Category 6 Parcels**

Of the 10,634 acres that comprise the Seneca Army Depot Activity BRAC property, 53 parcels, approximately 1,725 acres, were designated as Category 6. The Category 6 parcels are identified on Figure 5-1 and are summarized in the following sections.

#### **BRAC Parcel Number and Label 54(6)HR(P)**

##### **CERFA Map Location 16,2**

This parcel is associated with a lift station located by Building 2409, a former pump house presently used for dry storage. A raw sewage release was observed on the east side of this

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

building during the 1995 EBS visual inspection. The lift station receives wastes from multiple sources, potentially containing hazardous substances. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 55(6)PR(P)/HR**

##### **CERFA Map Location 18,11**

This parcel is the abandoned powder burning pit. This area is one of the previously recognized SWMUs (SEAD-24). Records indicate that black powder, M10 and M6 solid propellants, and probably explosive-contaminated trash were disposed of in this area from the 1940s to the 1950s. An ESI conducted at this site by Engineering Science, Inc. indicated soil contamination from arsenic has occurred. TPH was also documented in low concentrations. No adverse impacts to the groundwater have occurred. This SWMU has been classified as a High Priority AOC, and a removal action in conjunction with a limited investigation has been recommended by Engineering Sciences, Inc. This parcel is designated as Category 5.

#### **BRAC Parcel Number and Label 56(6)PR**

##### **CERFA Map Location 29,12**

This parcel is the site of an aviation fuel spill that occurred in 1990 and was revealed during an interview. The incident occurred on the “hot pad” located about 800 feet west of Building 2312. The spill involved more than 50 gallons of fuel, which ran off the pad into the grass. No records indicate that this spill was cleaned up. Records indicate that two other spills of aviation fuel also occurred at this location. These spills were cleaned up, and these cases are closed (see Table 2-3 for details). This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 57(6)PS/PR/HR**

##### **CERFA Map Location 32,17**

This parcel consists of a fuel oil AST at Building 2076, a UST at Building 2073, the former munitions washout plant (SEAD-4), a construction debris landfill (SEAD-11), a boiler plant blowdown leach pit at Building 2079 (SEAD-38), and dumping areas. Other buildings included within this parcel are S-2084, 2077, 2078, and 2081. The fuel oil AST located at Building 2076 (SRN 4) has a 275-gallon capacity and has been in service since 1988. No evidence of a release from this tank was found. In 1993, a leak of an unknown quantity of fuel oil was reported at

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

Building 2079. The release was cleaned up, and the case is closed (NYSDEC Identification Number 9307375).

This parcel is also associated with a petroleum UST located at Building 2073 (SRN 203). This UST is used to store 1,000 gallons of fuel oil and has been in service since 1986. In 1992, 15 gallons of fuel oil were spilled at Building 2073. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9209232).

The munitions washout plant was used from 1948 to 1963. The results of an ESI conducted by Engineering Science, Inc. at this area indicate that impacts to the surface soils, sediment, surface water, and groundwater have occurred. An effort was made during the ESI to locate a leach field that was associated with this facility. The leach field was not found, but three different surface water drainages were found to be impacted. This SWMU has been classified as a High Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

The construction debris landfill was used from 1946 to 1949. An ESI conducted at this site by Engineering Science, Inc. indicates that impacts to the surface and subsurface soils have occurred. The results of a groundwater sampling program conducted by Engineering Science, Inc. indicate that iron, lead, and sodium were present in individual downgradient wells at concentrations above criteria values. This SWMU has been classified as a Moderate Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

The boiler plant blowdown leach pit at Building 2079 was in use until 1979 or 1980. Results of a limited sampling program conducted by Engineering Science, Inc. at this site indicated that TPH was present in the surface soil samples at levels considered to be evidence of a release of petroleum hydrocarbons. This SWMU has been classified as a Low Priority AOC, and a Remedial Action has been recommended by Engineering Science, Inc.

Visual inspections during the 1995 EBS revealed that dumping activities have occurred in the "50 Area" west of Seneca Road and south of Indian Creek Road. Two of the dumping areas were observed to contain concrete blocks and fill dirt (SMK-42 and SMK-43; SMK are the initials of one of the field investigators and were used to label and track areas of visual inspection), one had steel drums (SMK-44), and one is believed to be a former railroad dump



# FINAL

## **SECTION FIVE**                      **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

containing railroad ties and scrap metal (SMK-46). An aerial photograph from circa 1941 showed a construction staging area located within this parcel.

This parcel is designated as Category 6.

### **BRAC Parcel Number and Label 58(6) HR**

#### **CERFA Map Location 31,19**

This parcel is associated with a former garbage disposal area south of the classified yards and north of Ovid Road. This area is one of the previously recognized SWMUs (SEAD-64B). Results of an ESI conducted at this site by Engineering Science, Inc. indicate that minimal impacts to the soil, sediment, surface water, and groundwater have occurred. This SWMU is classified as a Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

### **BRAC Parcel Number and Label 59(6)PS/PR/HR**

#### **CERFA Map Location 31,22**

This parcel is associated with an ammunition breakdown area at Buildings 608 and 612 (SEAD-52), an oil discharge adjacent to Building 609 (SEAD-60), and a UST and an AST at Building 609. The ammunition breakdown area has been in use from the 1940s to the present. A limited sampling program by Engineering Science, Inc. has detected the presence of explosive compounds in the soil, constituting evidence of a release. This SWMU is classified as a Low Priority AOC, and the development of an ESI Workplan has been recommended by Engineering Science, Inc.

The oil discharge area immediately west of Building 609 was discovered in 1989 and is believed to have come from a pipe located inside of the building. Results of an ESI conducted at this site by Engineering Science, Inc. revealed the presence of petroleum hydrocarbons and PAHs, heavy metals, and (to a lesser extent) PCB compounds in the surface soils. Semi-volatile organic compounds (SVOCs) and TPH were found in sediment samples taken downslope of the oil-stained soil. TPH has also been shown to have impacted the groundwater beneath the oil release area. This SWMU is classified as a Low Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

Fuel oil storage has also occurred within this parcel. Associated with Building 609 are a UST and an AST. SRN 34 was a 3,000-gallon UST that had been in service since 1954. This tank was removed in August 1996 and will be replaced by a 3,000-gallon AST in October 1996. The SRN will remain as 34. SRN 35 is a 1,000-gallon AST that has been in service since 1953. No evidence of release from either of these tanks has been documented.

This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 60(6)HR**

##### **CERFA Map Location 32,23**

This parcel is associated with a material proof and surveillance test area west of Building 616. This area was used between 1960 and 1980 and is one of the previously identified SWMUs (SEAD-44A). The results of an ESI conducted at this site by Engineering Science, Inc. indicate that there have been no significant releases to the media investigated. However, organic compounds were detected at elevated concentrations in the berm excavation samples. This SWMU was classified as a Moderately Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 61(6)HR**

##### **CERFA Map Location 30,22**

This parcel is associated with a material proof and surveillance test area on Brady Road. This area was used between 1960 and 1980 and is one of the previously identified SWMUs (SEAD-44B). The results of an ESI conducted at this site by Engineering Science, Inc. indicated that there have been no significant releases to the media investigated. However, elevated concentrations of PAH compounds were detected in a soil sample. This SWMU was classified as a Moderately Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 62(6)HR(P)**

##### **CERFA Map Location 31,23**

This parcel is associated with a nicotine sulfate disposal area near Buildings 606 and 612. This area was previously reported to have been used for the burial of drums containing nicotine

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

sulfate and is one of the previously identified SWMUs (SEAD-62). An ESI conducted at this site by Engineering Science, Inc. did not identify any areas that were used for the disposal of nicotine sulfate nor were there any areas that had been significantly impacted by a release of oil or other hazardous materials. This SWMU was classified as a Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 63(6)PS/HS/HR**

##### **CERFA Map Location 30,25**

This parcel is associated with the old missile propellant laboratory and a UST at Building 606 (SEAD-43), a disposal area southeast of Building 606 (SEAD-69), and a former herbicide and pesticide storage area at Building 606 (SEAD-56). A 2,000-gallon fuel oil UST (SRN 33) was located at Building 606. This UST was installed in 1956 and it was removed in August 1996. This tank will not be replaced and its SRN has been reassigned. Building 606 was used as a missile propellant test laboratory in the 1960s. From 1976 to the present, the building has been used for pesticide and herbicide storage. It has been reported that debris, including fence posts, 2,4-D cans, and pesticide cans, has been disposed of southeast of Building 606. The results of an ESI conducted at these three SWMUs by Engineering Science, Inc. indicated that no significant impacts have occurred to any of the media investigated at this site. Limited releases of PAHs were detected in the soil samples collected in close proximity to Building 606. All of the remaining PAHs that were detected at these SWMUs were found at concentrations that were either below their respective Technical Assistance Guidance Memorandum levels (TAGMs) or exceeded their respective TAGMs by less than a factor of three. According to the ESI report (Engineering Science, Inc. 1995a), metals were the only other constituents that were detected at concentrations that slightly exceeded their respective criteria for soils, groundwater, surface water, and sediment. However, no significant concentrations of heavy metals were found at these SWMUs. All three of these SWMUs have been classified as Moderately Low Priority AOCs, and mini-risk assessments have been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 64(6)HR**

##### **CERFA Map Location 25,22**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with a disposal area west of Building 2203. It has been reported that asbestos and debris, including metal drums, empty smoke-generating canisters, and other metal debris, have been dumped in this area. This parcel is one of the previously identified SWMUs (SEAD-64A). The results of an ESI conducted by Engineering Science, Inc. at this location suggest that there have been several localized impacts to the soil and groundwater. The SWMU was classified as a Low Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 65(6)HS/HR(P)**

##### **CERFA Map Location 25,22**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is zinc, which is considered a hazardous material. U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 66(6)HR**

##### **CERFA Map Location 26,22**

This parcel is associated with a fire training pit and area located to the south of Building 328. This training pit and area have been in use from 1977 to the present. This parcel is one of the previously recognized SWMUs (SEAD-26). An ESI conducted at this site by Engineering Science, Inc. indicated that SVOCs were detected at concentrations above TAGM values in several of the surface and subsurface soil samples analyzed, and the site is considered to pose a threat. This SWMU has been classified as a High Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 67(6)HS/HR(P)**

##### **CERFA Map Location 26,26**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is chromite, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 68(6)HS/HR(P)**

##### **CERFA Map Location 25,25**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is aluminum oxide, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 69(6)HS/HR(P)**

##### **CERFA Map Location 26,26**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is antimony, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 70(6)HS/HR(P)**

##### **CERFA Map Location 26,26**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is ferro chrome, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 71(6)HS/HR(P)**

##### **CERFA Map Location 26,25**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is antimony, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 72(6)HS/HR**

##### **CERFA Map Location 25,24**

This parcel is associated with the Tank Farm Area. At one time, there may have been as many as 60 ASTs used to store antimony, asbestos, silicon carbide, and rutile. Presently, only four of the tanks remain: Tanks 8 and 17, antimony storage; Tank 88, asbestos storage; and Tank 302, rutile storage. An ESI conducted of this area by Engineering Science, Inc. has documented a hazardous release associated with these ASTs (Engineering Science, Inc. 1995a). This area comprises two of the recognized SWMUs (SEADs 50 and 54) that have been combined as SEAD-50 and was previously classified as a Moderately Low Priority AOC. A Decision Document outlining a limited sampling program and a removal action was recommended. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 73(6)HS/HR(P)**

##### **CERFA Map Location 24,23**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is chromite, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 74(6)HS/HR(P)**

##### **CERFA Map Location 24,22**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is ferro manganese, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 75(6)HS/HR(P)**

##### **CERFA Map Location 23,23**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is chromite, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 76(6)HS/HR(P)**

##### **CERFA Map Location 22,23**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is ferro manganese, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 77(6)PR/HR**

##### **CERFA Map Location 22,22**

This parcel is associated with an area to the north of Building 325 where PCBs were reported to have been spilled. An interview revealed that 55 gallons of PCB oil were spilled in this location, but it was uncertain when. It was reported that there was no cleanup of this release, and there is no record that this spill was ever reported to NYSDEC. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 78(6)HS/HR**

##### **CERFA Map Location 21,21**

This parcel is associated with the DRMO yard to the west of Building 360. Interviews revealed that hazardous materials such as solvents and PCB oil have been dumped in this area. The parcel has been designated as Category 6.

#### **BRAC Parcel Number and Label 79(6)HR**

##### **CERFA Map Location 20,22**

This parcel is associated with a fire training and demonstration pad to the north of Ordnance Road and west of Administration Avenue. This facility has been in use since the late 1960s and is one of the previously recognized SWMUs (SEAD-25). An ESI conducted at this site by Engineering Science, Inc. revealed that BTEX compounds have impacted the surface and subsurface soils and groundwater at this site. This SWMU was classified as a High Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 80(6)PS/HR**

##### **CERFA Map Location 20,20**

This parcel consists of an AST and a deactivation furnace located at Building 367. A 2,000-gallon fuel oil AST (SRN 32) was installed at this building in 1990. There is no record of release from this AST. This area corresponds with one of the previously identified SWMUs (SEAD-17). The furnace was used from 1962 to the present for the destruction of ammunition and is currently operating under interim status as part of the Part B RCRA permit. Proper closure of the site will be required as part of the RCRA permit. An ESI conducted at this SWMU by Engineering Science, Inc. indicated that impacts to the surface soils from the release of SVOCs and heavy



# **SECTION FIVE**

# **FINAL ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

metals have occurred at this site. This SWMU is classified as a High Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

## **BRAC Parcel Number and Label 81(6)HS/HR**

### **CERFA Map Location 19,21**

This parcel is associated with sewage sludge waste piles from the two sewage treatment plants. Sewage sludge has been deposited here since 1980. This area is one of the previously recognized SWMUs (SEAD-5). An ESI conducted at this SWMU by Engineering Science, Inc. revealed a significant release of PAHs in the material of the sewage sludge piles; however, it appears that the groundwater underneath the piles has not been impacted. This SWMU was classified as a Moderately Low AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

## **BRAC Parcel Number and Label 82(6)PS/PR/HS/HR**

### **CERFA Map Location 19,21**

This parcel consists of a deactivation furnace located at Building S-311, a previously reported LUST at Building S-311, and a raw material storage yard at Building S-361. The deactivation furnace corresponds to one of the previously identified SWMUs (SEAD-16). The furnace was used from 1945 to the mid-1960s for the destruction of small arms. An ESI conducted at this SWMU by Engineering Science, Inc. indicated that impacts to the surface soils from the release of heavy metals and SVOCs have occurred at this site. This SWMU was classified as a High Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

The database search and Seneca Army Depot Activity records indicate that in 1993 a LUST was reported at Building S-311. It was reported that 20 gallons of No. 2 fuel oil were released and that the case is still open (NYSDEC Identification Number 9307284).

A raw material storage yard located west of Building S-361 and containing drums, scrap wood, and other materials was observed during the 1995 EBS.

This parcel is designated as Category 6.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 83(6)HS/HR(P)**

##### **CERFA Map Location 19,19**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is chromite, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. contain drums, scrap wood, and other materials. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 84(6)PS/PR/HR(P)**

##### **CERFA Map Location 18,19**

This parcel is associated with Building 306, an inspector's workshop, and Building 308, a boiler house. Records indicate that a 1,000-gallon fuel oil UST (SRN 20) is located at Building 308. This UST has been in service since 1942. Interviews conducted during the 1995 EBS revealed that petroleum has been released in the area of Building 306. The interviews also revealed that paints and solvents have been stored in this building and may have been released. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 85(6)PR/HR**

##### **CERFA Map Location 19,21**

This parcel is associated with a fill area west of Building 135. The contents of this fill area are unknown. This area corresponds to one of the previously identified SWMUs (SEAD-59). An ESI conducted at this SWMU by Engineering Science, Inc. identified several areas that have been impacted by releases of volatile organic compounds (VOCs), SVOCs, TPH, and, to a lesser extent, heavy metals. Analyses also indicated that the groundwater has been moderately impacted by TPH. This SWMU was classified as a Moderately Low Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 86(6)PR/HS/HR**

##### **CERFA Map Location 19,22**

This parcel is associated with Building 135. This building has been used for vehicle storage over the last 25 years. A visual inspection during the 1995 EBS documented that the dirt floor was

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

extensively stained with oil, fuel, and hydraulic fluid. An interview for the 1995 EBS revealed that this building had been used for acid storage. This interview also documented the release of acids in this building. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 87(6)PS/PR/HR(P)**

##### **CERFA Map Location 19,23**

This parcel consists of a waste oil UST (SEAD-33), two waste oil burning boilers (SEAD-36), and a boiler blowdown leach pit (SEAD-39). All of these facilities are located at Building 121. The UST (SRN 198) has a 30,000-gallon capacity and has been in use since 1943. Small quantities of waste oil were stored in it from 1982 to 1989, and it was also used to store fuel oil. Limited sampling conducted by Engineering Science, Inc. detected the presence of TPH in the soil adjacent to this tank. This SWMU was classified as a Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc.

The waste oil burning boilers were used to burn a waste oil and No. 6 fuel oil mixture from 1982 to 1989. The only releases known are permitted air emissions. This SWMU was classified as a No Action SWMU under CERCLA by Engineering Science, Inc. The boiler blowdown leach pit was in use until the blowdown points were connected to the sanitary sewer in 1979 or 1980. Results of limited sampling performed at this site by Engineering Science, Inc. revealed TPH in the soil. This SWMU has been classified as a Low Priority AOC, and a Remedial Action has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 88(6)PS/PR**

##### **CERFA Map Location 19,22**

This parcel is associated with a UST and stained mound located near Building 127. The UST (SRN 177) has a 12,000-gallon capacity and is used to store diesel fuel. It has been in service since 1985. A visual inspection of this UST during the 1995 EBS documented some discoloration of the concrete at the base of the pump. The visual inspection also noted an earthen mound with oil or hydraulic fluid staining to the southwest of Building 127. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 89(6)HR**

##### **CERFA Map Location 18,22**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with an alleged paint/solvent disposal area located west of Building 127. This site is one of the previously recognized SWMUs (SEAD-71). The results of an ESI conducted at this location by Engineering Science, Inc. revealed that the soils have been impacted by waste materials that were placed in at least one disposal pit on site. Groundwater at the site has not been significantly impacted by any of the constituents for which analyses were conducted during the ESI. This SWMU is classified as a Low Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 90(6)PR(P)/HR**

##### **CERFA Map Location 17,22**

This parcel is associated with an old scrap wood site located north of Kendaia Road and south of the East Patrol Road. The site was used to dispose of scrap wood from 1984 to 1986, and construction debris was dumped at this site from 1977 to 1984. This site is one of the recognized SWMUs (SEAD-9). The results of an ESI conducted at this site by Engineering Science, Inc. indicated that releases of PAHs, hydrocarbons, and inorganic metals have occurred in the fill material of the site. These results also indicated that TPH has impacted the groundwater downgradient of the site. This SWMU was classified as a Moderately Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 91(6)HS/HR(P)**

##### **CERFA Map Location 17,19**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is chromite, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 92(6)HS/HR(P)**

##### **CERFA Map Location 16,19**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with a former pesticide storage area that is known to have been located in the vicinity of Buildings 5 and 6. This area corresponds with one of the previously recognized SWMUs (SEAD-66). The exact location of the former pesticide storage area is unknown. However, a small shed adjacent to Building 5 and a concrete pad adjacent to Building 6 are considered as possible locations of the former pesticide area. Limited sampling conducted in this area resulted in the detection of pesticide compounds above NYSDEC TAGMs. This SWMU has been classified as a Low Priority AOC, and an RI/FS Scoping Plan is being developed. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 93(6)HS/HR(P)**

##### **CERFA Map Location 16,19**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is aluminum oxide, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 94(6)HR**

##### **CERFA Map Location 16,20**

This parcel is associated with Sewage Treatment Plant No. 4 (SEAD-20) and a dump site to the east of the plant (SEAD-67). Sewage Treatment Plant No. 4 has been used from 1942 to the present. The facility is operated under a NYDES permit. This SWMU was classified as a No Action SWMU under CERCLA by Engineering Science, Inc.

The area to the east of Sewage Treatment Plant No. 4 was reportedly used as a dump site. An ESI conducted at this SWMU by Engineering Science, Inc. identified soils and sediment that have been impacted predominately by PAHs and mercury. Groundwater and surface water at the site have not been significantly impacted by any of the constituents for which analyses were conducted during the investigation. This SWMU has been classified as a Low Priority AOC, and a limited sampling program and removal action have been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 95(6)HS/HR(P)**

##### **CERFA Map Location 16,19**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is ferro manganese, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 96(6)HR(P)**

##### **CERFA Map Location 11,19**

This parcel is associated with an abandoned IRFNA Disposal Site. This facility was in use during the 1960s, and this area corresponds to one of the locations of a previously identified SWMU (SEAD-13). An ESI conducted at this SWMU by Engineering Science, Inc. indicates that impacts to the groundwater have occurred at this site. This SWMU was classified as a Moderate Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 97(6)HR(P)**

##### **CERFA Map Location 11,20**

This parcel is associated with an abandoned IRFNA Disposal Site. This facility was in use during the 1960s and this area corresponds to one of the locations of a previously identified SWMU (SEAD-13). An ESI conducted at this SWMU by Engineering Science, Inc. indicates that impacts to the groundwater have occurred at this site. This SWMU was classified as a Moderate Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 98(6)PS/PR/HS/HR**

##### **CERFA Map Location 4,17**

This parcel is associated with Buildings 801, 802, 803, 804, 805, 806, 807, 810, 813, 814, 815, 816, 817 and 819, and storage igloos A0101 and A0102. It also includes three of the previously recognized SWMUs (SEAD-72, SEAD-12B, and SEAD-19). Building 803 (SEAD-72) is a

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

mixed waste storage building that at one time was used to store classified materials. Floor drains are located in each vault drain to the exterior and front of the building. No evidence of release has been documented, and, during a site visit by NYSDEC, it was noted that the floor drains had been plugged. This facility is a RCRA facility operating under interim status and must undergo closure as a requirement of the RCRA permit. This SWMU was previously classified as a No Action SWMU under CERCLA.

SEAD-12B consists of Building 804 and two burial pits located to the north, and Building 805. One of the pits was used for dry storage and the other contained a UST that was used for wastewater storage. The wastewater was generated during the washing of radioactive-contaminated clothing. The area was excavated in 1986. An ESI conducted at this SWMU by Engineering Science, Inc. indicated that although there has been no impacts to soils at this location, the groundwater has been impacted by the release of radionuclides. Building 805 is included in the SWMU because it has the potential to have residual radioactive contamination. This SWMU has been classified as a Moderately Low Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

In 1989, an unknown quantity of fuel oil was released from a tank at Building 806. All necessary remedial actions have been taken, and the case is closed (NYSDEC Identification Number 8907722). In 1991, seven gallons of gasoline were released from a tank at Building 807. The release was cleaned up, and the case is closed (NYSDEC Identification Number 9412037).

SEAD-19 consists of Building 810 and a classified document incinerator. The incinerator was operated from 1956 to 1983. This SWMU was previously classified as a No Action SWMU under CERCLA.

Building 815 was a paint shop, and Buildings 813 and 814 were used for storage. Extensive amounts of paints and solvents were used and stored in these facilities. There was no visible evidence of spills or leaks in these buildings. However, interviews conducted during the 1995 EBS revealed that unknown quantities of paints and solvents were disposed of into the drainage ditch that flows north, immediately east of Building 813.

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

Buildings 816 and 817 were associated with a classified mission. The majority of Building 816 was not available for inspection. Interviews with a radiation protection officer revealed that a potential release of radionuclides occurred within the area of these buildings. Two radiation screening rooms, with venting leading directly outside the buildings, were also observed. Aerial photograph analysis during the 1995 EBS also revealed disturbed ground directly west of Building 816. A visual inspection of this area during the 1995 EBS confirmed that the disturbance had occurred. Interviews and records searches could not confirm or deny whether or not any burial activities were conducted in this area.

A visual inspection was attempted at Building 810 during the 1995 EBS, but access to this entire building was denied based on the classified mission of the building. A visual inspection was attempted of the ammunition storage igloos A0101 and A0102 and the surrounding area. Access to this area during the 1995 EBS was denied based on the classified mission of the area. A visual inspection of Building 819 was performed, but its mission could not be described.

Nine USTs are also located within this parcel. A 1,000-gallon fuel oil UST (SRN 46) is located at Building 802. This UST has been in service since 1956. A fuel oil UST (SRN 47) with a 1,000-gallon capacity is located at Building 805. This UST has been in service since 1956. A UST located at Building 806 (SRN 48) is used to store 1,000 gallons of fuel oil and has been in service since 1991. A visual inspection of the area did not reveal any evidence of contamination or release, and there is no record of any release. A UST located at Building 812 (SRN 52) is used to store 1,500 gallons of fuel oil and has been in service since 1956. A visual inspection of the area did not reveal any evidence of contamination or release, and there is no record of any release. The tank list shows two fuel oil USTs associated with Building 819. SRN 57 was a 3,000-gallon UST that had been in service since 1957. This tank was removed and replaced with a 1,000-gallon AST (SRN 26) in August 1996. SRN 182 is a 10,000-gallon UST that has been in service since 1981. There is a 2,500-gallon UST (SRN 53) located at Building 813 that has been in service since 1990. There is a 3,000-gallon UST (SRN 55) located at Building 816 that has been in service since 1983. There is a 1,000-gallon UST (SRN 56) located at Building 817 that has been in service since 1959.

An RI/FS Workplan that is currently under regulatory review has been prepared for this parcel by Engineering Science, Inc. This parcel is designated as Category 6.



## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 99(6)PS/PR**

##### **CERFA Map Location 3,15**

This parcel is associated with a former Military Police (MP) fueling station located northwest of Building 810. Two ASTs located behind Building 810 (SRNs 50 and 51) are presently located at this site. Both of these date to 1963, are used to store fuel oil, and have a 550-gallon capacity. A visual inspection during the 1995 EBS did not reveal any staining or stressed vegetation.

However, interviews with base personnel revealed that the MPs fueled their vehicles in this area on a daily basis. Interviewees were certain that they had witnessed frequent spilling of petroleum products. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 100(6)PS/PR/HS/HR**

##### **CERFA Map Location 3,14**

This parcel is associated with Building 747. A visual inspection was attempted at this building; however, access to the building and the surrounding area was denied. The tank list shows that there is a 4,000-gallon fuel oil UST (SRN 44) associated with this building that has been in service since 1982. No release has been documented for this UST. An interview conducted during the mid-EBS meeting in January 1996 revealed that this building has been used for storage of battery acids and paints and that releases of petroleum product and solvents have occurred. In 1992, 10 gallons of fuel oil were reportedly spilled at this building. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9207312). This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 101(6)PS/PR/HS/HR**

##### **CERFA Map Location 3,13**

This parcel is associated with Building 718 and four of the previously recognized SWMUs (SEAD-32, SEAD-35, SEAD-41, and SEAD-61). Building 718 was a boiler house for the entire North Depot Area. Several documented releases were associated with this building and have been investigated, including a 3000-gallon fuel oil release that was reported in 1987 (NYSDEC Identification Number 8910830).

SEAD-32 consists of two waste oil storage USTs that were used to store small quantities of waste oil from 1982 to 1989. Results of limited sampling conducted by Engineering Science,

FINAL

---

**SECTION FIVE** **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

Inc. detected elevated readings of TPH in soils in this area and in one groundwater sample. This SWMU was classified as a Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc.

SEAD-35 consists of three waste oil burning boilers inside of Building 718. This SWMU was previously classified as a No Action SWMU under CERCLA.

SEAD-41 is the boiler blowdown leach pit that is located in the vicinity of Building 718. The results of the limited sampling at this SWMU detected TPH in the soils. This SWMU was classified as a Low Priority AOC, and remedial action has been recommended by Engineering Science, Inc.

SEAD-61 is a UST (SRN 38) that is used to store waste oil before burning in the adjacent boiler plant. It has a 10,000-gallon capacity and was installed in 1989. No releases from this UST have been documented. This SWMU was previously classified as a No Action SWMU under CERCLA.

Two other fuel oil USTs are associated with Building 718. SRN 194 has a 40,000-gallon capacity and has been in place since 1956. SRN 195 has a 20,000-gallon capacity and has been in place since 1978. No releases have been documented from either of these USTs.

In 1994, 3 ounces of an unspecified hazardous material were released inside of Building 718. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9313511).

This parcel is designated as Category 6.

**BRAC Parcel Number and Label 102(6)PS/PR(P)**

**CERFA Map Location 3,13**

This parcel is associated with Buildings 716 and 717. Specifically, this is a 40,600-gallon fuel oil AST (SRN 188) that has been in service since 1956 and an associated fueling area. There has been no record of leaking or spilling of petroleum product at this location. However, based on a 1995 EBS visual inspection, the area directly around the fueling station exhibited staining. This particular tank has been out-of-service and empty since 1989. The berm drain has been kept

## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

open since that time. A visual inspection conducted by the Seneca Army Depot Activity Environmental Department staff on April 24, 1996 revealed only small puddles of water inside of the berm. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 103(6)HR**

##### **CERFA Map Location 5,13**

This parcel is associated with a miscellaneous components burial ground west of storage igloos A0101 and A0102. This area includes one of the previously recognized SWMUs (SEAD-63). Records revealed that miscellaneous components (i.e., classified parts) were buried in this area and have not yet been excavated. An ESI conducted by Engineering Science, Inc. at this SWMU revealed numerous burial pits that were shown to contain miscellaneous military components. The ESI results also indicated that the soils have been significantly impacted by PAHs, cadmium, and radionuclides, and that gross alpha and gross beta radiation are impacting surface water and groundwater quality. This SWMU has been classified as a Low Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

#### **BRAC Parcel Number and Label 104(6)PR/HS/HR**

##### **CERFA Map Location 5,9**

This parcel consists of an Open Burning Ground (SEAD-23), an Open Detonation Ground (SEAD-45), an explosive ordnance disposal area (SEAD-57), and a filled area at Building T-2110 (SEAD-70). The Open Burning Ground was used from the late 1960s to 1986 or 1987. Wastes burned here included explosives, contaminated trash, fuses containing lead, and projectiles containing TNT, Comp B, and Amatol. This SWMU was previously classified as a High Priority AOC and is currently an Active RI/FS.

The Open Detonation Ground was in use from 1941 to 1994. Large, obsolete, and unserviceable ammunition and components were destroyed here by detonation. An ESI conducted at this locality by Engineering Science, Inc. indicates that impacts to the surface soils and sediment from the release of heavy metals and nitroaromatic compounds, and to a lesser extent by SVOCs, have occurred at this site. Other analyses completed during the ESI indicated that various metals have impacted the groundwater at this site. This SWMU has been classified as a High Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

## **SECTION FIVE**

## **FINAL ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

In 1994, 530 pounds of an unknown substance were reportedly spilled at the Open Burning Grounds. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9400993). In 1993, 80 gallons of diesel fuel were reportedly spilled at the Open Detonation Grounds. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9213247). In 1994, a fuel oil tank at the Open Detonation Grounds was reported as leaking; 100 gallons of fuel oil were released. All necessary remedial actions were taken, and the case is closed (NYSDEC Identification Number 9400104).

In 1995, 100 gallons of diesel fuel were released at Building 2134 because of a mechanical failure. The spill was cleaned up, and the case is closed (NYSDEC Identification Number 9413197).

The Open Burning/Open Detonation Grounds are currently RCRA facilities operating on interim status. Proper closure of these facilities will be required as part of the RCRA permit.

The explosive ordnance disposal area was used from 1941 to 1994. In the past, the area was used for open detonation, and it may have been used for the disposal of explosives. An ESI conducted at this SWMU by Engineering Science, Inc. indicated that impacts to the soils and groundwater from heavy metals have occurred at this site. This SWMU was classified as a Moderate Priority AOC, and an RI/FS has been recommended by Engineering Science, Inc.

The filled area east of Building T-2110 has previously been used to dispose of construction debris. The results of an ESI conducted at this SWMU by Engineering Science, Inc. indicated that the sediment in the wetland surrounding SEAD-70 and the soils that compose the landfill material have been impacted by moderate releases of PAHs (in the sediment) and arsenic (in the soil). This SWMU was classified as a Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc.

The area along both sides of the East-West Baseline Road and west of the North-South Baseline Road was used for live fire training activities. This training involved the demolition of vehicles and resulted in the release of significant quantities of petroleum products. This area is also likely to be contaminated by explosive compounds and metals.

FINAL

---

**SECTION FIVE** **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

Due to the inability to define the extent of activities associated with these areas, they were combined into a single parcel. This parcel is designated as Category 6.

**BRAC Parcel Number and Label 105(6)HS/HR(P)**

**CERFA Map Location 15,13**

This parcel is associated with an open ore storage pile. Records indicate that the ore stored at this location is aluminum oxide, which is considered a hazardous material. USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. At a minimum, remediation will be required that specifically includes removal of the ore. This parcel is designated as Category 6.

**BRAC Parcel Number and Label 106(6)HR**

**CERFA Map Location 17,11**

This parcel is associated with a debris area east of Booster Station 2131 and a possible DDT disposal area. This area corresponds with one of the previously identified SWMUs (SEAD-58). An ESI conducted at this site by Engineering Science, Inc. indicates that the soils, groundwater, and surface water have not been impacted by any of the constituents for which analyses were conducted. The sediment in the drainage swales in the area is the only medium that has been impacted by moderate releases of PAHs. This SWMU was classified as a Moderately Low Priority AOC, and a mini-risk assessment has been recommended by Engineering Science, Inc. This parcel is designated as Category 6.

**5.1.7 Category 7 Parcels**

Of the 10,634 acres that comprise Seneca Army Depot Activity BRAC property, 11 parcels, approximately 12 acres, are designated as Category 7. The Category 7 parcels are identified on Figure 5-1 and are summarized in the following sections.

**BRAC Parcel Number and Label 107(7)**

**CERFA Map Location 30,10**

This parcel is associated with a vented connex near Building 2311 at the Airfield. This connex was observed during the 1995 EBS visual inspection. The contents of this connex are unknown

FINAL

---

**SECTION FIVE** **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

and, therefore, an accurate category designation could not be determined. This parcel is designated as Category 7.

**BRAC Parcel Number and Label 108(7)HS(P)/HR(P)**

**CERFA Map Location 22,22**

This parcel is associated with the reported former pest control shop in Building 335. This site is one of the previously recognized SWMUs (SEAD-68). No documented or visual evidence of a release has been discovered. However, NYSDEC has classified this area as an AOC and the Seneca Army Depot Activity agrees. This SWMU has been classified as a Low Priority AOC, and an RI/FS Scoping Plan is being developed. This parcel is designated as Category 7.

**BRAC Parcel Number and Label 109(7)**

**CERFA Map Location 17,20**

This parcel consists of earthen mounds that may be related to a small arms range that was reported in this area. It could not be determined if these mounds were in fact the location of a small arms range that was reported in an interview during the 1995 EBS. Therefore, an accurate category designation could not be determined. This parcel is designated as Category 7.

**BRAC Parcel Number and Label 110(7)**

**CERFA Map Location 11,21**

This parcel is associated with a suspect mound in the Duck Ponds Area that was observed during the 1995 EBS. The contents of this mound could not be determined; therefore, an accurate category designation could not be determined. This parcel is designated as Category 7.

**BRAC Parcel Number and Label 111(7)**

**CERFA Map Location 3,17**

This parcel is associated with a suspect mound in the Duck Ponds Area that was observed during the 1995 EBS. The contents of this mound could not be determined; therefore, an accurate category designation could not be determined. This parcel is designated as Category 7.

**BRAC Parcel Number and Label 112(7)**

**CERFA Map Location 2,17**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel is associated with a suspect mound in the Duck Ponds Area that was observed during the 1995 EBS. The contents of this mound could not be determined; therefore, an accurate category designation could not be determined. This parcel is designated as Category 7.

#### **BRAC Parcel Number and Label 113(7)**

##### **CERFA Map Location 2,11**

This parcel is associated with open land north of Building 715. A visual inspection of this area during the 1995 EBS revealed several suspect mounding areas and a rusty drum protruding from a mound of soil. No evidence of soil staining or groundwater contamination could be determined from the visual inspection. During the 1995 EBS, interviewees were asked if they had any knowledge of this area, but no one had any information. This parcel is designated as Category 7.

#### **BRAC Parcel Number and Label 137(7)**

##### **CERFA Map Location 19,22**

This parcel is associated with an area where it has been rumored that coal ash was disposed. Although corroboration of this activity was not found, the U.S. Army has agreed to conduct limited sampling in this area. This parcel has been designated as Category 7.

#### **BRAC Parcel Number and Label 138(7)**

##### **CERFA Map Location 19,22**

This parcel is associated with an area that was used for outdoor coal storage. This activity and location have been confirmed, and the U.S. Army has agreed to conduct limited sampling in this area. This parcel has been designated as Category 7.

#### **BRAC Parcel Number and Label 139(7)**

##### **CERFA Map Location 2,14**

This parcel is associated with an area where it has been rumored that empty DDT cans were disposed. Although corroboration of this activity was not found, the U.S. Army has agreed to conduct a geophysical study in this area and, if warranted, limited sampling. This parcel has been designated as Category 7.

#### **BRAC Parcel Number and Label 140(7)**

**CERFA Map Location 2,12**

This parcel is associated with a hill located north of Post 3 it has been rumored that drains were disposed. Although corroboration of this activity was not found, the U.S. Army has agreed to conduct a geophysical study in this area and, if warranted by the results of the geophysical study, limited sampling. This parcel has been designated as Category 7.

**5.1.8 Qualified Parcels**

In determining the qualified parcels, Woodward-Clyde observed the following guidelines:

- If a complete asbestos survey/reinspection has not been conducted, then buildings constructed prior to 1985 were assumed to contain ACM. An “A(P)” for the possible presence of asbestos was used to qualify the parcel. Where buildings had been surveyed, and ACM was identified, then these buildings were designated with “A.”
- If a complete LBP survey has not been conducted, then buildings and structures constructed prior to 1978 were assumed to contain LBP. An “L(P)” for the possible presence of LBP was used to qualify the parcel. Where buildings had been surveyed, and LBP was identified as being present, then these buildings were designated “L.”
- A distinction is made between the presence of PCBs within equipment, such as transformers, that have not leaked and PCBs in soil from leaking equipment. PCBs in soil from leaking equipment is considered a CERCLA issue, while non-leaking, out-of-service equipment with greater than 50 ppm PCBs qualified the parcel with the designation “P.”
- Buildings with radon levels of 4.0 pCi/L or greater were designated “R,” while those with radon less than 4.0 pCi/L were below mitigation levels and received no designation. Buildings for which there has been no radon survey remain unqualified.



## FINAL

### SECTION FIVE

### ENVIRONMENTAL CONDITION OF THE PROPERTY AREA

---

- Buildings possibly containing UXO stored for use or disposal and areas containing possible surface or buried UXO based on previous testing, dismantling, or deactivation of UXO were designated “X(P).” Buildings and areas where UXO was stored or disposed of were designated “X.” Also, locations of former firing ranges were UXO-qualified and designated “X.”
- Buildings and areas where radioactive materials were stored were designated “RD.”

There are 917 parcels, approximately 1,804.58 acres, that are identified as qualified parcels as described in Table 5-1b. On the CERFA map, Figure 5-1, qualified buildings are keyed by building numbers, and areas of land that are qualified are shown with a unique qualified parcel label. Tables 5-3 and 5-4 (following Section Five) elaborate upon potential UXO and radionuclide hazards identified at the Seneca Army Depot Activity. In addition to buildings, several areas of open land were qualified. These are described in the following sections.

#### **BRAC Parcel Number and Label 114(2)Q-X**

##### **CERFA Map Location 30,11**

This parcel is associated with a firing range located in the area to the east of Building 2302 at the Airfield. This area was identified in a visual inspection and interview during the 1995 EBS.

#### **BRAC Parcel Number and Label 115Q-X**

##### **CERFA Map Location 29,11**

This parcel is associated with a former trap/skeet range located to the east of Building 2301 at the Airfield. This area was identified in a visual inspection and interview during the 1995 EBS.

#### **BRAC Parcel Number and Label 116Q-X**

##### **CERFA Map Location 32,16**

This parcel corresponds with BRAC Parcel 57(6)PS/PR/HR. Two non-CERCLA issues pertain to this parcel. First, at the eastern edge of the parcel was the former Munitions Washout Plant. Records indicate that explosive compounds were leached into the soils outside of the plant. Second, an interview conducted during the 1995 EBS site inspection revealed that munitions may have been buried in the northeast portion of this parcel.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 117Q-X**

##### **CERFA Map Location 30,18**

This parcel is associated with an area that is suspected to be an ammunition burial/disposal area. Interviews conducted during the 1995 EBS identified that burial of ammunition took place in this general location.

#### **BRAC Parcel Number and Label 118Q-RD**

##### **CERFA Map Location 29,19**

This parcel corresponds with BRAC Parcel 49(5)HS/HR. It consists of a series of 11 storage igloos and the surrounding area. These igloos were used to store pitchblende ore.

#### **BRAC Parcel Number and Label 119Q-X**

##### **CERFA Map Location 32,20**

This parcel is believed to be the location of a small arms range. Interviews during the 1995 EBS indicated that this area had been used as a small arms range. A visual inspection of the area revealed a 250-foot long accurate berm with a dirt track road leading to it.

#### **BRAC Parcel Number and Label 120Q-X**

##### **CERFA Map Location 32,23**

This parcel corresponds with BRAC Parcel 60(6)HR. This area was a material proof and surveillance test area located west of Building 616.

#### **BRAC Parcel Number and Label 121Q-X**

##### **CERFA Map Location 30,22**

This parcel corresponds with BRAC Parcel 61(6)HR. This area was a material proof and surveillance test area on Brady Road.

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

#### **BRAC Parcel Number and Label 122Q-X**

##### **CERFA Map Location 11,21**

This parcel is associated with a small arms range that was used for testing firing tracers and 3.5-inch rockets. This area corresponds with one of the previously identified SWMUs (SEAD-46). This SWMU was classified as a Low Priority AOC, and a RI/FS Scoping Plan is being developed by Engineering Science, Inc.

#### **BRAC Parcel Number and Label 123Q-RD**

##### **CERFA Map Location 4,16**

This parcel corresponds with BRAC Parcel 98(6)PS/HS/HR. This area was used as a part of the special weapons mission that was formerly at the depot. Although the nature of this mission is classified, it is known that several radioisotopes were stored in buildings within this area.

#### **BRAC Parcel Number and Label 124Q-RD**

##### **CERFA Map Location 3,17**

This parcel corresponds with BRAC Parcel 53(5)HR. This area was used for the burial of radioactive materials.

#### **BRAC Parcel Number and Label 125Q-X**

##### **CERFA Map Location 2,13**

This parcel is associated with Building 744. Building 744 was a physical activities center or health club facility. Interviews conducted during the 1995 EBS revealed that a shooting range existed in the basement of the facility. These interviews also reported that the shooting range was dismantled, but no records could be found documenting the cleaning process.

#### **BRAC Parcel Number and Label 126Q-RD**

##### **CERFA Map Location 5,13**

This parcel corresponds with BRAC Parcel 103(6)HR. This area was used for the burial of miscellaneous classified components.

#### **BRAC Parcel Number and Label 127Q-X**

##### **CERFA Map Location 5,8**

## FINAL

### **SECTION FIVE**

### **ENVIRONMENTAL CONDITION OF THE PROPERTY AREA**

---

This parcel corresponds with BRAC Parcel 104(6)PR/HS/HR. This area includes the Open Burning/Open Detonation Grounds and the live fire training area along East-West Baseline Road.

#### **BRAC Parcel Number and Label 128Q-X**

#### **CERFA Map Location 18,11**

This parcel corresponds with BRAC Parcel 55(6)PR(P)/HR. This area is the abandoned powder burning pit. Black powder, M10 and M6 solid propellants, and probably explosive-contaminated trash were disposed of in this area.

**Table 5-1a  
BRAC PARCEL DESCRIPTIONS  
SENECA ARMY DEPOT ACTIVITY, NEW YORK**

<b>BRAC PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>LOCATION (X,Y COORDINATES)</b>	<b>APPROXIMATE SIZE (ACRES)<sup>b</sup></b>	<b>GEOGRAPHIC AREA</b>	<b>ENVIRONMENTAL CONDITION CATEGORY NUMBER</b>	<b>BASIS (SWMU NO.)</b>	<b>EBS SOURCE OF EVIDENCE<sup>c</sup></b>	<b>REMEDIATION/ MITIGATION</b>
1(1)	18,6	189.10	Lake Housing Area	1	No record of storage, disposal, release, or migration	Visual Inspection, Interview	None required
2(1)	26,10	494.71	Airfield Area	1	No record of storage, disposal, release, or migration	Visual Inspection, Interview	None required
3(1)	16,15	7,870.22	Depot Wide	1	No record of storage, disposal, release, or migration	Visual Inspection, Interview	None required
4(1)	19,24	1.16	Circa 1 acre in Elliot Acres	1	No record of storage, disposal, release, or migration	Visual Inspection, Interview	None required
5(2)PS/HS	17,2	61.88	Lake Housing Area	2	Building 2485 - fuel oil storage	21	None required
6(4)PS/PR	28,10	0.25	Airfield Area	4	Building 2310 - JP8 UST reported leaking in 1988	21, LUST list	Required actions have been taken
7(2)PS	28,10	0.25	Airfield Area	2	Building 2306 - fuel oil UST	21	None required
8(4)PS/PR	28,10	0.25	Airfield Area	4	Building 2305 spills - fuel oil UST reported leaking in 1989	21, Spill list	Required actions have been taken
9(2)HS(P)	30,23	1.68	Main Depot Area	2	Acid storage	Visual Inspection, Interview	None required
10(2)PS	28,26	0.25	LORAN-C Area	2	Fuel oil storage	21	None required
11(2)HS	24,22	2.02	Warehouse Area	2	Building 327 - pesticide, soda ash, antifreeze	Interview	None required
12(2)HS	24,22	2.02	Warehouse Area	2	Building 326 - STB and chlorine impregnate storage	Interview	None required
13(3)HS/HR	23,22	2.02	Warehouse Area	3	Building 330 - pesticide, soda ash, antifreeze storage; spill reported in 1993	Interview, Spill list	Required actions have been taken
14(3)HS/HR	22,22	2.02	Warehouse Area	3	Building 331 - Pesticide, soda ash, antifreeze storage; spill reported in 1992	Interview, Spill list	Required actions have been taken

**Table 5-1a  
(Continued)**

BRAC PARCEL NUMBER AND LABEL <sup>a</sup>	LOCATION (X,Y COORDINATES)	APPROXIMATE SIZE (ACRES) <sup>b</sup>	GEOGRAPHIC AREA	ENVIRONMENTAL CONDITION CATEGORY NUMBER	BASIS (SWMU NO.)	EBS SOURCE OF EVIDENCE <sup>c</sup>	REMEDIATION/ MITIGATION
15(2)HS	22,22	2.02	Warehouse Area	2	Building 324 - columbite ore storage	1	None required
16(2)HS	22,23	2.02	Warehouse Area	2	Building 343 - pesticide, soda ash, antifreeze	Interview	None required
17(3)HS/HR	22,22	2.02	Warehouse Area	3	Building 323 - pesticide, soda ash, antifreeze; spill reported in 1992	Interview, Spill list	Required actions have been taken
18(2)HS	21,22	0.67	Warehouse Area	2	Building 333 - STB, DS-2, solvents	Interview	None required
19(3)HS/HR	21,22	0.06	Warehouse Area	3	Building 307 (SEAD-1) - hazardous waste storage; spill reported in 1991	1, Spill list	Required actions have been taken
20(2)PS/HS	21,21	6.87	IPE Area	2	Buildings 316, 317, 318, and 372 - IPE - solvents, petroleum products	Interview	None required
21(2)PS	20,23	26.29	Elliot Acres Housing Area	2	Fuel oil storage	0.25-acre tank spacing, 21	None required
22(2)PS	19,23	0.25	South Depot Area	2	Building 101 - fuel oil storage	21	None required
23(2)PS	18,23	0.25	South Depot Area	2	Building 103 - fuel oil storage	21	None required
24(3)PS/PR/HS	19,23	0.47	South Depot Area	3	Building 118 (SEAD-30) - auto shop, waste oil UST, Building 120 - gas station; spill reported in 1992	1, Spill list	Required actions have been taken
25(2)PS/HS	19,23	0.41	South Depot Area	2	Building 117, Heavy Equipment Shop - waste oil storage UST (SEAD-31)	1	None required
26(2)HS	19,22	0.16	South Depot Area	2	Building 125 - former paint shop	Interview, 21	None required
27(2)PS/HS	18,23	0.25	South Depot Area	2	Building 106 - health clinic, fuel oil storage	Interview, 21	None required
28(2)PS	18,22	0.25	South Depot Area	2	Building 114 - USTs	21	None required
29(3)PS/PR	19,21	0.25	South Depot Area	3	Building 129 - fuel oil storage; spill reported in 1994	21, Spill list	None required
30(2)PS	18,21	0.25	South Depot Area	2	Building 113 - fuel oil storage	21, Spill list	None required
31(2)PS/HS	20,21	0.25	Main Depot Area	2	Building 312 (General Supply) - hydrofluosilic acid, paint, antifreeze, turpentine, diesel oil	Interview	None required

**Table 5-1a  
(Continued)**

<b>BRAC PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>LOCATION (X,Y COORDINATES)</b>	<b>APPROXIMATE SIZE (ACRES)<sup>b</sup></b>	<b>GEOGRAPHIC AREA</b>	<b>ENVIRONMENTAL CONDITION CATEGORY NUMBER</b>	<b>BASIS (SWMU NO.)</b>	<b>EBS SOURCE OF EVIDENCE<sup>c</sup></b>	<b>REMEDIATION/ MITIGATION</b>
32(2)PS	2,15	0.25	North Depot Area	2	Building 800 - fuel oil storage	21	None required
33(2)PS	2,15	0.25	North Depot Area	2	Building 729 - fuel oil storage	21	None required
34(2)PS	3,14	0.25	North Depot Area	2	Buildings 719, 721, and 720 - gas station, vehicle maintenance	Visual Inspection	None required
35(2)PS	2,14	0.25	North Depot Area	2	Building 733 - fuel oil storage	21	None required
36(2)PS	3,14	0.25	North Depot Area	2	Building 746 - fuel oil storage	21	None required
37(4)PS/PR	3,12	0.25	North Depot Area	4	Building 710 - fuel oil storage reported leaking in 1989	21, LUST list	Required actions have been taken
38(2)PS	2,12	0.71	North Depot Area	2	Building 742 - gas station	Visual Inspection	None required
39(2)PS	2,12	0.25	North Depot Area	2	Building 714 - fuel oil storage	21	None required
40(2)PS	2,12	0.25	North Depot Area	2	Building 740 - fuel oil storage	21	None required
41(2)HS	14,9	0.25	Main Depot Area	2	Acid storage (SEAD-65A)	1	None required
42(2)HS	14,9	0.25	Main Depot Area	2	Acid storage (SEAD-65B)	1	None required
43(2)PR/HS	14,9	0.25	Main Depot Area	2	Acid storage (SEAD-65C)	1	None required
44(3)PR/HR	29,26	0.25	LORAN-C Area	3	Halon and diesel spills	Interview, Spill list	Required actions have been taken
45(3)HS/HR	27,25	4.65	Warehouse Area	3	Building 356 (SEAD-49) - columbite ore storage, DS-2 storage/spills	1, 20	None required
46(3)HR	18,21	0.96	South Admin Area	3	Wood burn ash, pressure-treated wood (SEAD-10)	1	None required
47(3)PS/PR/HS	2,14	1.46	North Depot Area	3	Building 732 (SEAD-29) - auto hobby shop, waste oil storage	1	None required
129(3)	19,2	0.25	Lake Housing Area	3	Building 2438 - sewage release outside of building	Spill list	Required actions have been taken
130(3)PR/HR/(P)	24,23	2.02	Warehouse Area	3	Building 349 - spills reported in 1986, 1989, and 1991	Spill list	Required actions have been taken

**Table 5-1a  
(Continued)**

BRAC PARCEL NUMBER AND LABEL <sup>a</sup>	LOCATION (X,Y COORDINATES)	APPROXIMATE SIZE (ACRES) <sup>b</sup>	GEOGRAPHIC AREA	ENVIRONMENTAL CONDITION CATEGORY NUMBER	BASIS (SWMU NO.)	EBS SOURCE OF EVIDENCE <sup>c</sup>	REMEDIATION/ MITIGATION
131(3)PS/PR/HS/HR	27,25	4.65	Warehouse Area	3	Building 357 - spills reported in 1990, 1991, and 1992; leaking tank reported in 1987	Spill list, LUST list	Required actions have been taken
132(3)PR/HR(P)	18,17	0.25	Main Depot Area	3	Building C-509 - spill reported in 1992	Spill list	Required actions have been taken
133(4)PS/PR	19,2	0.25	Lake Housing Area	4	Building 2452 - fuel oil AST reported leaking in 1991	LUST list	Required actions have been taken
134(4)PS/PR	2,14	0.25	North Depot Area	4	Building 752 - fuel oil AST reported leaking in 1992	LUST list	Required actions have been taken
135(4)PS/PR	19,23	0.25	Elliot Acres Housing Area	4	Building 212 - fuel oil AST reported leaking in 1990	LUST list	Required actions have been taken
136(4)PR	2,11	0.25	North Depot Area	4	Building 715 - fuel oil release from Building 718 contained in secondary sewage treatment facility	Spill list	Required actions have been taken
48(5)HR	22,12	112.67	Main Depot Area	5	Non-combustible landfill (SEAD-8), incinerator cooling water pond (SEAD-3), ash landfill (SEAD-6), refuse burning pits (SEAD-14), solid waste incinerator (SEAD-15), disposal area west of Building 2203 (SEAD-64D)	1, 19	Surface soils remediated
49(5)HS/HR	29,19	72.79	Main Depot Area	5	Pitchblende storage and release (SEAD-48)	1	Pending
50(5)PS/PR/HR(P)	21,22	0.06	IPE Area	5	Boiler blowdown leach pit (SEAD-40), waste oil storage (SEAD-34), boilers at Building 319 (SEAD-37), UST reported leaking in 1994, spills reported in 1994	1, LUST list, Spill list	Pending
51(5)PS/PR/HS/HR(P)	21,21	0.25	IPE Area	5	Building 360 - waste oil storage (SEAD-28), spill, steam Jenny (SEAD-27).	1	Pending
52(5)PR	19,23	5.49	Main Depot Area	5	Spill from Building 138, partially clean	Interview, LUST list	Pending
53(5)HR	3,17	15.79	Special Weapons Area	5	Radioactive waste burial (SEAD-12A)	1, 18	Pending
54(6)HR(P)	16,2	0.25	Lake Housing Area	6	Pump house Building 2409 - sewage release on east side of building	Visual Inspection, Interview	None to date
55(6)PR(P)/HR	18,11	1.88	Main Depot Area	6	Abandoned powder burning area (SEAD-24)	1, 16	None to date



**Table 5-1a  
(Continued)**

<b>BRAC PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>LOCATION (X,Y COORDINATES)</b>	<b>APPROXIMATE SIZE (ACRES)<sup>b</sup></b>	<b>GEOGRAPHIC AREA</b>	<b>ENVIRONMENTAL CONDITION CATEGORY NUMBER</b>	<b>BASIS (SWMU NO.)</b>	<b>EBS SOURCE OF EVIDENCE<sup>c</sup></b>	<b>REMEDIATION/ MITIGATION</b>
56(6)PR	29,12	7.43	Airfield Area	6	Fuel spills west of Building 2312	Interview, Spill list	None to date
57(6)PS/PR/HR	32,17	178.84	Main Depot Area	6	Fuel oil storage, old construction debris landfill (SEAD-11), munitions washout plant (SEAD-4), boiler pit blowdown leach pit at Building 2079 (SEAD-38), leaking tank reported at Building 2079 in 1993, spill reported at Building 2073 in 1992, dumping	1, 16, 17, LUST list, Spill list, Interviews, Visual Inspection	None to date
58(6)HR	31,19	8.60	Main Depot Area	6	Garbage disposal area (SEAD-64B)	1, 19	None to date
59(6)PS/PR/HR	31,22	7.57	Main Depot Area	6	Buildings 608 and 612 (SEAD-52) - ammunition breakdown area, oil discharge adjacent to Building 609 (SEAD-60), fuel oil storage	1, 19	None to date
60(6)HR	32,23	3.72	Main Depot Area	6	Material proof and surveillance test area west of Building 616 (SEAD-44A)	1, 18	None to date
61(6)HR	30,22	1.62	Main Depot Area	6	Material proof and surveillance test area on Brady Road (SEAD-44B)	1, 18	None to date
62(6)HR(P)	31,23	1.82	Main Depot Area	6	Nicotine sulfate disposal area near Buildings 606 and 612 (SEAD-62)	1, 18	None to date
63(6)PS/HS/HR	30,25	10.00	Main Depot Area	6	Building 606 - Old Missile Propellant Test Laboratory (SEAD-43), disposal area (SEAD-69), herbicide and pesticide storage (SEAD-56), UST at Building 606	1, 18	None to date
64(6)HR	25,22	1.77	Main Depot Area	6	Debris landfill with raw asbestos (SEAD-64A)	1, 19	None to date
65(6)HS/HR(P)	25,22	1.39	Warehouse Area	6	Open zinc ore pile	Visual Inspection	None to date
66(6)HR	26,22	9.26	Warehouse Area	6	Fire training pit (SEAD-26)	1, 16	None to date
67(6)HS/HR(P)	26,22	0.89	Warehouse Area	6	Open chromite ore pile	Visual Inspection	None to date
68(6)HS/HR(P)	25,22	0.65	Warehouse Area	6	Open aluminum oxide ore pile	Visual Inspection	None to date
69(6)HS/HR(P)	26,24	0.55	Warehouse Area	6	Open antimony ore pile	Visual Inspection	None to date

**Table 5-1a  
(Continued)**

<b>BRAC PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>LOCATION (X,Y COORDINATES)</b>	<b>APPROXIMATE SIZE (ACRES)<sup>b</sup></b>	<b>GEOGRAPHIC AREA</b>	<b>ENVIRONMENTAL CONDITION CATEGORY NUMBER</b>	<b>BASIS (SWMU NO.)</b>	<b>EBS SOURCE OF EVIDENCE<sup>c</sup></b>	<b>REMEDIATION/ MITIGATION</b>
70(6)HS/HR(P)	26,25	1.55	Warehouse Area	6	Open ferro chrome ore pile	Visual Inspection	None to date
71(6)HS/HR(P)	26,25	0.81	Warehouse Area	6	Open antimony ore pile	Visual Inspection	None to date
72(6)HS/HR	25,24	19.94	Tank Farm	6	Storage tanks for antimony, rutile, asbestos and silicon carbide (SEAD-50, SEAD-54)	1, 18	None to date
73(6)HS/HR(P)	24,23	1.56	Warehouse Area	6	Open chromite ore pile	Visual Inspection	None to date
74(6)HS/HR(P)	24,22	0.74	Warehouse Area	6	Open ferro manganese ore pile	Visual Inspection	None to date
75(6)HS/HR(P)	23,23	1.94	Warehouse Area	6	Open chromite ore pile	Visual Inspection	None to date
76(6)HS/HR(P)	22,23	0.75	Warehouse Area	6	Open ferro manganese ore pile	Visual Inspection	None to date
77(6)PR/HR	23,22	0.49	Warehouse Area	6	Spill of PCB oil north of Building 325	Interview	None to date
78(6)HS/HR	21,21	3.08	Main Depot Area	6	Interviews revealed dumping of hazardous materials at DRMO yard	Interview	None to date
79(6)HR	20,22	2.82	Main Depot Area	6	Fire training pad (SEAD-25)	1, 16	None to date
80(6)PS/HR	20,20	1.93	Main Depot Area	6	Building 367 (SEAD-17) - deactivation furnace, AST	1, 16	None to date
81(6)HS/HR	19,21	0.43	Main Depot Area	6	Sewage sludge waste piles (SEAD-5)	1, 18	None to date
82(6)PS/PR/HS/HR	19,21	4.47	Main Depot Area	6	Building S-311 (SEAD-16) - deactivation furnace, Building S-361 - raw material storage yard; spill reported at Building S-311 in 1993	1, 16, Visual Inspection, Spill list	None to date
83(6)HS/HR(P)	19,19	1.41	Main Depot Area	6	Open chromite ore pile	Visual Inspection	None to date
84(6)PS/PR(P)	18,19	1.16	Main Depot Area	6	Buildings 308, 306 - Boiler House, Inspector's Workshop, staining	Visual Inspection	None to date
85(6)PR/HR	19,21	0.69	USE Area	6	Fill area with unknown contents west of Building 135 (SEAD-59)	1, 18	None to date
86(6)PR/HS/HR	19,22	0.11	South Depot Area	6	Building 135 - vehicle storage building with stained soil	Visual Inspection	None to date

**Table 5-1a  
(Continued)**

<b>BRAC PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>LOCATION (X,Y COORDINATES)</b>	<b>APPROXIMATE SIZE (ACRES)<sup>b</sup></b>	<b>GEOGRAPHIC AREA</b>	<b>ENVIRONMENTAL CONDITION CATEGORY NUMBER</b>	<b>BASIS (SWMU NO.)</b>	<b>EBS SOURCE OF EVIDENCE<sup>c</sup></b>	<b>REMEDIATION/ MITIGATION</b>
87(6)PS/PR/HR(P)	19,23	0.25	South Depot Area	6	Building 121 (SEAD-36) - waste oil tank (SEAD-33), boiler plant blowdown leach pit (SEAD-39), boiler plant	1	None to date
88(6)PS/PR	19,22	0.14	South Depot Area	6	UST at Building 127 with stained soil	Visual Inspection	None to date
89(6)HR	18,22	1.16	South Depot Area	6	Alleged paint/solvent disposal area (SEAD-71)	1, 19	None to date
90(6)PR(P)/HR	17,22	2.07	Duck Ponds Area	6	Old scrap wood (SEAD-9)	1, 18	None to date
91(6)HS/HR(P)	17,19	0.98	Main Depot Area	6	Open chromite ore pile	Visual Inspection	None to date
92(6)HS/HR(P)	16,19	4.62	Main Depot Area	6	Pesticide storage - Buildings 5 and 6 (SEAD-66)	1	None to date
93(6)HS/HR(P)	16,19	0.91	Main Depot Area	6	Open aluminum oxide ore pile	Visual Inspection	None to date
94(6)HR	16,20	5.12	Duck Ponds Area	6	Sewage Treatment Plant No. 4 (SEAD-20), dump site to east (SEAD-67)	1, 19	None to date
95(6)HS/HR(P)	16,19	0.49	Main Depot Area	6	Open ferro manganese ore pile	Visual Inspection	None to date
96(6)HR(P)	11,19	10.07	Duck Ponds Area	6	IRFNA disposal site (SEAD-13)	1, 17	None to date
97(6)HR(P)	11,20	8.81	Duck Ponds Area	6	IRFNA disposal site (SEAD-13)	1, 17	None to date

**Table 5-1a  
(Continued)**

BRAC PARCEL NUMBER AND LABEL <sup>a</sup>	LOCATION (X,Y COORDINATES)	APPROXIMATE SIZE (ACRES) <sup>b</sup>	GEOGRAPHIC AREA	ENVIRONMENTAL CONDITION CATEGORY NUMBER	BASIS (SWMU NO.)	EBS SOURCE OF EVIDENCE <sup>c</sup>	REMEDIATION/ MITIGATION
98(6)PS/PR/HS/HR	4,17	334.79	Special Weapons Area	6	Buildings 813-817 - paints, boiler pits, petroleum release, tritium release, unknown burial activities  Radioactive waste burial north of Buildings 804 and 805 (SEAD-12B), mixed waste storage at Building 803 (SEAD-72), incinerator and Building 810 (SEAD-19), USTs at Buildings 802 and 805  Leaking tank at Building 806 reported in 1989; leaking tank at Building 807 reported in 1991  Unknown contents/unknown storage at Building 810  Unknown activities/storage at Building 819, igloos A0101 and A0102	Visual Inspection, Interview, 1, 18, Spill list, LUST list	None to date
99(6)PS/PR	3,15	0.25	Special Weapons Area	6	Former MP gas station (removed tank)	Visual Inspection, Interview	None to date
100(6)PS/PR/HS/HR	3,14	0.85	North Depot Area	7	Building 747 - unknown contents/unknown storage; spill reported in 1992	Interview, Spill list	None to date
101(6)PS/PR/HS/HR	3,13	0.08	North Depot Area	6	Building 718 - waste oil tank (SEAD-32, SEAD-61), waste oil-burning boilers (SEAD-35), boiler blowdown leach pit (SEAD-41); spill reported in Building 718 in 1994	1, Spill list	None to date
102(6)PS/PR(P)	3,13	1.52	North Depot Area	6	Buildings 716-717 - fuel oil filling and storage station, auto hobby shop, stained soil	Visual Inspection, Interview	None to date
103(6)HR	5,13	3.64	Special Weapons Area	6	Miscellaneous components burial area (SEAD-63)	1, 19	None to date

**Table 5-1a  
(Continued)**

<b>BRAC PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>LOCATION (X,Y COORDINATES)</b>	<b>APPROXIMATE SIZE (ACRES)<sup>b</sup></b>	<b>GEOGRAPHIC AREA</b>	<b>ENVIRONMENTAL CONDITION CATEGORY NUMBER</b>	<b>BASIS (SWMU NO.)</b>	<b>EBS SOURCE OF EVIDENCE<sup>c</sup></b>	<b>REMEDIATION/ MITIGATION</b>
104(6)PR/HS/HR	5,9	1055.65	Main Depot Area	6	Open burning (SEAD-23), open detonation (SEAD-45), explosive ordnance disposal (SEAD-57), filled area at Building T-2110 (SEAD-70), training area, spills reported at Open Burning and Open Detonation Grounds in 1994; spill reported at Building 2134 in 1995	1, 16, Visual Inspection, Interview, Spill list, LUST list	None to date
105(6)HS/HR(P)	15,13	1.95	Main Depot Area	6	Aluminum oxide ore pile		None to date
106(6)HR	17,11	11.36	Main Depot Area	6	Debris area near Booster Station 2131 (SEAD-58), possible DDT disposal	1, 18	None to date
107(7)	30,10	0.25	Airfield Area	7	Connex - unknown contents	Visual Inspection	None to date
108(7)HS(P)/HR(P)	22,22	0.09	Warehouse Area	7	Building S-335 (SEAD-68) - old pest control shop	1	None to date
109(7)	17,20	4.95	Duck Ponds Area	7	Mounds possibly related to small arms range north of Building 309	Visual Inspection, Interview	None to date
110(7)	11,21	1.10	Duck Ponds Area	7	Mound of unknown contents	Visual Inspection	None to date
111(7)	3,17	0.25	Duck Ponds Area	7	Mound of unknown contents	Visual Inspection	None to date

**Table 5-1a  
(Continued)**

BRAC PARCEL NUMBER AND LABEL <sup>a</sup>	LOCATION (X,Y COORDINATES)	APPROXIMATE SIZE (ACRES) <sup>b</sup>	GEOGRAPHIC AREA	ENVIRONMENTAL CONDITION CATEGORY NUMBER	BASIS (SWMU NO.)	EBS SOURCE OF EVIDENCE <sup>c</sup>	REMEDIATION/ MITIGATION
112(7)	2,17	0.25	Duck Ponds Area	7	Mound of unknown contents	Visual Inspection	None to date
113(7)	2,11	4.96	North Depot Area	7	Mounds and a rusty drum	Visual Inspection	None to date
137(7)	19,22	0.25	South Depot Area	7	Rumored coal ash disposal area	Rumors list	None to date
138(7)	19,22	0.25	South Depot Area	7	Rumored coal storage area	Rumors list	None to date
139(7)	2,14	0.25	North Depot Area	7	Rumored DDT cans disposal area	Rumors list	None to date
140(7)	2,12	0.25	North Depot Area	7	Rumored drum disposal area	Rumors list	None to date

Notes:

<sup>a</sup> BRAC parcel label definitions are as follows:

PS = petroleum storage  
 PR = petroleum release or disposal  
 HS = hazardous substance storage  
 HR = hazardous substance release or disposal

Qualified parcel label definitions are as follows:

A = asbestos containing material  
 L = lead-based paint  
 P = polychlorinated biphenyls  
 R = radon  
 X = UXO and/or ordnance fragments  
 RD = radionuclides  
 (P) = possible (unverified)

<sup>b</sup> Acreage figures are approximate; they have been calculated using AutoCad Release 12.

<sup>c</sup> EBS Source of Evidence numbers refer to documents listed in Table 2-1 of this report.

**Table 5-1b  
QUALIFIED PARCEL DESCRIPTIONS  
SENECA ARMY DEPOT ACTIVITY**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
2-2301Q-L(P)	0.023	Airfield	2301
2-2302Q-L(P)	0.023	Airfield	2302
2-2304Q-L(P)	0.050	Airfield	2304
3-1Q-A(P)/L(P)	0.006	Main Depot	1
3-102Q-L(P)	0.010	South Depot	102
3-104Q-A(P)/L(P)	0.011	South Depot	104
3-110Q-L(P)	0.003	South Depot	110
3-115Q-L(P)/R	0.325	South Depot	115
3-116Q-L(P)	0.309	South Depot	116
3-119Q-L(P)	0.074	South Depot	119
3-122Q-A/L(P)	0.283	South Depot	122
3-123Q-L(P)	0.074	South Depot	123
3-124Q-A/L(P)	0.036	South Depot	124
3-125Q-A/L(P)	0.098	South Depot	125
3-131Q-L(P)	0.055	Main Depot	131
3-137Q-A(P)	0.004	Main Depot	137
3-143Q-L(P)	0.001	Main Depot	143
3-145Q-A(P)/L(P)	0.013	Main Depot	145
3-247Q-A/L(P)	0.001	Main Depot	247
3-301Q-L(P)/P	0.019	Main Depot	301
3-304Q-L(P)	0.019	Main Depot	304
3-309Q-A/L(P)	0.189	Main Depot	309
3-310Q-L(P)	0.019	Main Depot	310
3-313Q-L(P)	0.003	Main Depot	313
3-314Q-L(P)	0.010	Main Depot	314
3-320Q-A(P)/L(P)	0.374	Main Depot	320
3-321Q-L(P)/RD	0.275	Main Depot	321
3-322Q-L(P)	0.006	Main Depot	322
3-325Q-A(P)/L(P)	2.066	Warehouse	325
3-328Q-A(P)/L(P)/X(P)	2.066	Warehouse	328
3-329Q-A(P)/L(P)	2.066	Warehouse	329
3-332Q-A(P)/L(P)	2.066	Warehouse	332
3-334Q-A/L(P)	0.725	Warehouse	334
3-339Q-A(P)/L(P)	2.066	Warehouse	339
3-340Q-A(P)/L(P)	2.066	Warehouse	340
3-341Q-A(P)/L(P)	2.066	Warehouse	341
3-342Q-A(P)/L(P)	2.066	Warehouse	342
3-345Q-A(P)/L(P)	2.066	Warehouse	345
3-346Q-A(P)/L(P)	2.066	Warehouse	346
3-347Q-A(P)/L(P)	2.066	Warehouse	347
3-348Q-A(P)/L(P)	2.066	Warehouse	348
130-349Q-A(P)/L(P)	2.066	Warehouse	349

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-350Q-A(P)/L(P)	2.066	Warehouse	350
3-353Q-A/L(P)	0.038	Warehouse	353
131-357Q-A(P)/L(P)	4.664	Warehouse	357
3-359Q-A/L(P)	0.003	Main Depot	359
3-360Q-A(P)	0.024	Main Depot	360
3-363Q-A(P)/L(P)	0.002	Main Depot	363
3-366Q-A(P)/L(P)/X(P)	0.022	Main Depot	366
3-373Q-A(P)/L(P)	0.024	Main Depot	373
3-701Q-A/L(P)	0.328	North Depot	701
3-702Q-A/L(P)	0.420	North Depot	702
3-703Q-A	0.931	North Depot	703
3-704Q-A/L(P)	0.714	North Depot	704
3-705Q-A/L(P)	0.184	North Depot	705
3-706Q-L(P)	0.085	North Depot	706
3-707Q-L(P)	0.434	North Depot	707
3-708Q-A/L(P)	0.714	North Depot	708
3-709Q-A(P)/L(P)	0.000	North Depot	709
3-711Q-L(P)	0.002	North Depot	711
136-715Q-A/L(P)	0.110	North Depot	715
3-722Q-L(P)	0.108	North Depot	722
3-723Q-A/L(P)	0.532	North Depot	723
3-724Q-L(P)	0.207	North Depot	724
3-725Q-L(P)	0.004	North Depot	725
3-726Q-L(P)	0.022	North Depot	726
3-727Q-L(P)	0.030	North Depot	727
3-728Q-L(P)	0.004	North Depot	728
3-731Q-L(P)	0.158	North Depot	731
3-743Q-A/L(P)	0.011	North Depot	743
3-749Q-L(P)	0.019	North Depot	749
3-1495Q-L(P)	0.001	Main Depot	1495
3-1593Q-A(P)/L(P)	0.003	Main Depot	1593
3-1594Q-X(P)	0.069	Main Depot	1594
3-2086Q-A(P)/L(P)	0.017	Main Depot	2086
3-2113Q-L(P)	0.004	Main Depot	2113
3-2117Q-A/L(P)/X(P)	0.259	Main Depot	2117
3-2118Q-A/L(P)/X(P)	0.259	Main Depot	2118
3-2119Q-A/L(P)/X(P)	0.259	Main Depot	2119
3-2120Q-A/L(P)/X(P)	0.259	Main Depot	2120
3-2121Q-A/L(P)/X(P)	0.259	Main Depot	2121
3-2122A/L(P)/X(P)	0.259	Main Depot	2122
3-2123Q-A/L(P)/X(P)	0.259	Main Depot	2123
3-2124Q-A/L(P)/X(P)	0.259	Main Depot	2124
3-2126Q-L(P)	0.019	Main Depot	2126



**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-2129Q-L(P)	0.019	Main Depot	2129
3-2132Q-X(P)	0.002	Main Depot	2132
3-2133Q-X(P)	0.002	Main Depot	2133
3-2200Q-L(P)	0.019	Main Depot	2200
3-2202Q-A(P)/L(P)	0.003	Main Depot	2202
3-2204Q-L(P)	0.019	Main Depot	2204
3-2207Q-A/L(P)/X(P)	0.082	Main Depot	2207
3-705A1Q-A/L(P)	0.088	North Depot	705A
3-A0201Q-X(P)/RD	0.056	Special Weapons	A0201
3-A0202Q-X(P)/RD	0.042	Special Weapons	A0202
3-A0203Q-X(P)/RD	0.056	Special Weapons	A0203
3-A0204Q-X(P)/RD	0.042	Special Weapons	A0204
3-A0205Q-X(P)/RD	0.056	Special Weapons	A0205
3-A0206Q-X(P)/RD	0.042	Special Weapons	A0206
3-A0207Q-X(P)/RD	0.056	Special Weapons	A0207
3-A0208Q-X(P)/RD	0.042	Special Weapons	A0208
3-A0209Q-X(P)/RD	0.056	Special Weapons	A0209
3-A0210Q-X(P)/RD	0.042	Special Weapons	A0210
3-A0211Q-X(P)/RD	0.056	Special Weapons	A0211
3-A0212Q-X(P)/RD	0.042	Special Weapons	A0212
3-A0213Q-X(P)/RD	0.056	Special Weapons	A0213
3-A0214Q-X(P)/RD	0.042	Special Weapons	A0214
3-A0215Q-X(P)/RD	0.056	Special Weapons	A0215
3-A0216Q-X(P)/RD	0.042	Special Weapons	A0216
3-A0217Q-X(P)/RD	0.056	Special Weapons	A0217
3-A0218Q-X(P)/RD	0.042	Special Weapons	A0218
3-A0301Q-X(P)/RD	0.042	Special Weapons	A0301
3-A0302Q-X(P)/RD	0.056	Special Weapons	A0302
3-A0303Q-X(P)/RD	0.042	Special Weapons	A0303
3-A0304Q-X(P)/RD	0.056	Special Weapons	A0304
3-A0305Q-X(P)/RD	0.042	Special Weapons	A0305
3-A0306Q-X(P)/RD	0.056	Special Weapons	A0306
3-A0307Q-X(P)/RD	0.042	Special Weapons	A0307
3-A0308Q-X(P)/RD	0.056	Special Weapons	A0308
3-A0309Q-X(P)/RD	0.042	Special Weapons	A0309
3-A0310Q-X(P)/RD	0.056	Special Weapons	A0310
3-A0311Q-X(P)/RD	0.042	Special Weapons	A0311
3-A0312Q-X(P)/RD	0.056	Special Weapons	A0312
3-A0313Q-X(P)/RD	0.042	Special Weapons	A0313
3-A0314Q-X(P)/RD	0.056	Special Weapons	A0314
3-A0315Q-X(P)/RD	0.042	Special Weapons	A0315
3-A0316Q-X(P)/RD	0.056	Special Weapons	A0316
3-A0317Q-X(P)/RD	0.042	Special Weapons	A0317
3-A0401Q-X(P)/RD	0.042	Special Weapons	A0401

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-A0402Q-X(P)/RD	0.042	Special Weapons	A0402
3-A0403Q-X(P)/RD	0.042	Special Weapons	A0403
3-A0404Q-X(P)/RD	0.042	Special Weapons	A0404
3-A0405Q-X(P)/RD	0.042	Special Weapons	A0405
3-A0406Q-X(P)/RD	0.042	Special Weapons	A0406
3-A0407Q-X(P)/RD	0.042	Special Weapons	A0407
3-A0408Q-X(P)/RD	0.042	Special Weapons	A0408
3-A0409Q-X(P)/RD	0.042	Special Weapons	A0409
3-A0501Q-X(P)/RD	0.042	Special Weapons	A0501
3-A0502Q-X(P)/RD	0.042	Special Weapons	A0502
3-A0503Q-X(P)/RD	0.042	Special Weapons	A0503
3-A0504Q-X(P)/RD	0.042	Special Weapons	A0504
3-A0505Q-X(P)/RD	0.042	Special Weapons	A0505
3-A0506Q-X(P)/RD	0.042	Special Weapons	A0506
3-A0507Q-X(P)/RD	0.042	Special Weapons	A0507
3-A0508Q-X(P)/RD	0.042	Special Weapons	A0508
3-A0601Q-X(P)/RD	0.042	Special Weapons	A0601
3-A0602Q-X(P)/RD	0.042	Special Weapons	A0602
3-A0603Q-X(P)/RD	0.042	Special Weapons	A0603
3-A0604Q-X(P)/RD	0.042	Special Weapons	A0604
3-A0605Q-X(P)/RD	0.042	Special Weapons	A0605
3-A0606Q-X(P)/RD	0.042	Special Weapons	A0606
3-A0607Q-X(P)/RD	0.042	Special Weapons	A0607
3-A0608Q-X(P)/RD	0.042	Special Weapons	A0608
3-A0609Q-X(P)/RD	0.042	Special Weapons	A0609
3-A0610Q-X(P)/RD	0.042	Special Weapons	A0610
3-A0701Q-X(P)/RD	0.042	Main Depot	A0701
3-A0702Q-X(P)	0.042	Main Depot	A0702
3-A0703Q-X(P)	0.042	Main Depot	A0703
3-A0704Q-X(P)	0.042	Main Depot	A0704
3-A0705Q-X(P)	0.042	Main Depot	A0705
3-A0706Q-X(P)/RD	0.042	Main Depot	A0706
3-A0707Q-X(P)/RD	0.042	Main Depot	A0707
3-A0708Q-X(P)	0.042	Main Depot	A0708
3-A0709Q-X(P)	0.042	Main Depot	A0709
3-A0710Q-X(P)	0.042	Main Depot	A0710
3-A0711Q-X(P)	0.042	Main Depot	A0711
3-A0801Q-X(P)	0.042	Main Depot	A0801
3-A0802Q-X(P)	0.042	Main Depot	A0802
3-A0803Q-X(P)	0.042	Main Depot	A0803
3-A0804Q-X(P)	0.042	Main Depot	A0804
3-A0805Q-X(P)	0.042	Main Depot	A0805
3-A0806Q-X(P)	0.042	Main Depot	A0806

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-A0807Q-X(P)	0.042	Main Depot	A0807
3-A0808Q-X(P)	0.042	Main Depot	A0808
3-A0809Q-X(P)	0.042	Main Depot	A0809
3-A0810Q-X(P)	0.042	Main Depot	A0810
3-A0811Q-X(P)	0.042	Main Depot	A0811
3-A0901Q-X(P)/RD	0.042	Main Depot	A0901
3-A0902Q-X(P)	0.042	Main Depot	A0902
3-A0903Q-X(P)	0.042	Main Depot	A0903
3-A0904Q-X(P)	0.042	Main Depot	A0904
3-A0905Q-X(P)/RD	0.042	Main Depot	A0905
3-A0906Q-X(P)	0.042	Main Depot	A0906
3-A0907Q-X(P)	0.042	Main Depot	A0907
3-A0908Q-X(P)	0.042	Main Depot	A0908
3-A0909Q-X(P)	0.042	Main Depot	A0909
3-A0910Q-X(P)	0.042	Main Depot	A0910
3-A1001Q-X(P)	0.042	Main Depot	A1001
3-A1002Q-X(P)	0.042	Main Depot	A1002
3-A1003Q-X(P)	0.042	Main Depot	A1003
3-A1004Q-X(P)	0.042	Main Depot	A1004
3-A1005Q-X(P)	0.042	Main Depot	A1005
3-A1006Q-X(P)	0.042	Main Depot	A1006
3-A1007Q-X(P)	0.042	Main Depot	A1007
3-A1008Q-X(P)	0.042	Main Depot	A1008
3-A1009Q-X(P)	0.042	Main Depot	A1009
3-A1010Q-X(P)	0.042	Main Depot	A1010
3-A1011Q-X(P)	0.042	Main Depot	A1011
3-A1012Q-X(P)	0.042	Main Depot	A1012
3-A1101Q-X(P)	0.042	Main Depot	A1101
3-A1102Q-X(P)	0.042	Main Depot	A1102
3-A1103Q-X(P)	0.042	Main Depot	A1103
3-A1104Q-X(P)	0.042	Main Depot	A1104
3-A1105Q-X(P)	0.042	Main Depot	A1105
3-A1106Q-X(P)	0.042	Main Depot	A1106
3-A1107Q-X(P)	0.042	Main Depot	A1107
3-A1108Q-X(P)/RD	0.042	Main Depot	A1108
3-A1109Q-X(P)/RD	0.042	Main Depot	A1109
3-A1110Q-X(P)	0.042	Main Depot	A1110
3-A1111Q-X(P)	0.042	Main Depot	A1111
3-B0101Q-X(P)	0.042	Main Depot	B0101
3-B0102Q-X(P)	0.042	Main Depot	B0102
3-B0103Q-X(P)	0.042	Main Depot	B0103
3-B0104Q-X(P)	0.042	Main Depot	B0104
3-B0105Q-X(P)	0.042	Main Depot	B0105
3-B0106Q-X(P)	0.042	Main Depot	B0106

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-B0107Q-X(P)	0.042	Main Depot	B0107
3-B0108Q-X(P)	0.042	Main Depot	B0108
3-B0109Q-X(P)/RD	0.042	Main Depot	B0109
3-B0110Q-X(P)	0.042	Main Depot	B0110
3-B0111Q-X(P)	0.042	Main Depot	B0111
3-B0112Q-X(P)	0.042	Main Depot	B0112
3-B0201Q-X(P)	0.042	Main Depot	B0201
3-B0202Q-X(P)	0.042	Main Depot	B0202
3-B0203Q-X(P)	0.042	Main Depot	B0203
3-B0204Q-X(P)	0.042	Main Depot	B0204
3-B0205Q-X(P)	0.042	Main Depot	B0205
3-B0206Q-X(P)	0.042	Main Depot	B0206
3-B0207Q-X(P)	0.042	Main Depot	B0207
3-B0208Q-X(P)	0.042	Main Depot	B0208
3-B0209Q-X(P)	0.042	Main Depot	B0209
3-B0210Q-X(P)	0.042	Main Depot	B0210
3-B0211Q-X(P)	0.042	Main Depot	B0211
3-B0301Q-X(P)	0.042	Main Depot	B0301
3-B0302Q-X(P)	0.042	Main Depot	B0302
3-B0303Q-X(P)	0.042	Main Depot	B0303
3-B0304Q-X(P)	0.042	Main Depot	B0304
3-B0305Q-X(P)	0.042	Main Depot	B0305
3-B0306Q-X(P)	0.042	Main Depot	B0306
3-B0307Q-X(P)	0.042	Main Depot	B0307
3-B0308Q-X(P)	0.042	Main Depot	B0308
3-B0309Q-X(P)	0.042	Main Depot	B0309
3-B0310Q-X(P)	0.042	Main Depot	B0310
3-B0311Q-X(P)	0.042	Main Depot	B0311
3-B0401Q-X(P)	0.042	Main Depot	B0401
3-B0402Q-X(P)	0.042	Main Depot	B0402
3-B0403Q-X(P)	0.042	Main Depot	B0403
3-B0404Q-X(P)	0.042	Main Depot	B0404
3-B0405Q-X(P)	0.042	Main Depot	B0405
3-B0406Q-X(P)	0.042	Main Depot	B0406
3-B0407Q-X(P)	0.042	Main Depot	B0407
3-B0408Q-X(P)	0.042	Main Depot	B0408
3-B0409Q-X(P)	0.042	Main Depot	B0409
3-B0410Q-X(P)	0.042	Main Depot	B0410
3-B0411Q-X(P)/RD	0.042	Main Depot	B0411
3-B0501Q-X(P)/RD	0.042	Main Depot	B0501
3-B0502Q-X(P)	0.042	Main Depot	B0502
3-B0503Q-X(P)	0.042	Main Depot	B0503
3-B0504Q-X(P)	0.042	Main Depot	B0504

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-B0505Q-X(P)	0.042	Main Depot	B0505
3-B0506Q-X(P)	0.042	Main Depot	B0506
3-B0507Q-X(P)	0.042	Main Depot	B0507
3-B0508Q-X(P)	0.042	Main Depot	B0508
3-B0509Q-X(P)	0.042	Main Depot	B0509
3-B0510Q-X(P)	0.042	Main Depot	B0510
3-B0511Q-X(P)	0.042	Main Depot	B0511
3-B0601Q-X(P)	0.042	Main Depot	B0601
3-B0602Q-X(P)/RD	0.042	Main Depot	B0602
3-B0603Q-X(P)/RD	0.042	Main Depot	B0603
3-B0604Q-X(P)	0.042	Main Depot	B0604
3-B0605Q-X(P)	0.042	Main Depot	B0605
3-B0606Q-X(P)	0.042	Main Depot	B0606
3-B0607Q-X(P)	0.042	Main Depot	B0607
3-B0608Q-X(P)	0.042	Main Depot	B0608
3-B0609Q-X(P)/RD	0.042	Main Depot	B0609
3-B0610Q-X(P)	0.042	Main Depot	B0610
3-B0611Q-X(P)	0.042	Main Depot	B0611
3-B0701Q-X(P)	0.042	Main Depot	B0701
3-B0702Q-X(P)	0.042	Main Depot	B0702
3-B0703Q-X(P)	0.042	Main Depot	B0703
3-B0704Q-X(P)	0.042	Main Depot	B0704
3-B0705Q-X(P)/RD	0.042	Main Depot	B0705
3-B0706Q-X(P)	0.042	Main Depot	B0706
3-B0707Q-X(P)/RD	0.042	Main Depot	B0707
3-B0708Q-X(P)/RD	0.042	Main Depot	B0708
3-B0709Q-X(P)/RD	0.042	Main Depot	B0709
3-B0710Q-X(P)	0.042	Main Depot	B0710
3-B0711Q-X(P)/RD	0.042	Main Depot	B0711
3-B0801Q-X(P)	0.042	Main Depot	B0801
3-B0802Q-X(P)/RD	0.042	Main Depot	B0802
3-B0803Q-X(P)	0.042	Main Depot	B0803
3-B0804Q-X(P)/RD	0.042	Main Depot	B0804
3-B0805Q-X(P)	0.042	Main Depot	B0805
3-B0806Q-X(P)	0.042	Main Depot	B0806
3-B0807Q-X(P)	0.042	Main Depot	B0807
3-B0808Q-X(P)	0.042	Main Depot	B0808
3-B0809Q-X(P)	0.042	Main Depot	B0809
3-B0810Q-X(P)	0.042	Main Depot	B0810
3-B0811Q-X(P)	0.042	Main Depot	B0811
3-B0901Q-X(P)	0.042	Main Depot	B0901
3-B0902Q-X(P)	0.042	Main Depot	B0902
3-B0903Q-X(P)	0.042	Main Depot	B0903
3-B0904Q-X(P)	0.042	Main Depot	B0904

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-B0905Q-X(P)	0.042	Main Depot	B0905
3-B0906Q-X(P)	0.042	Main Depot	B0906
3-B0907Q-X(P)	0.042	Main Depot	B0907
3-B0908Q-X(P)	0.042	Main Depot	B0908
3-B0909Q-X(P)/RD	0.042	Main Depot	B0909
3-B0910Q-X(P)	0.042	Main Depot	B0910
3-B0911Q-X(P)	0.042	Main Depot	B0911
3-C0101Q-X(P)	0.042	Main Depot	C0101
3-C0102Q-X(P)	0.042	Main Depot	C0102
3-C0103Q-X(P)	0.042	Main Depot	C0103
3-C0104Q-X(P)	0.042	Main Depot	C0104
3-C0105Q-X(P)	0.042	Main Depot	C0105
3-C0106Q-X(P)	0.042	Main Depot	C0106
3-C0107Q-X(P)	0.042	Main Depot	C0107
3-C0108Q-X(P)	0.042	Main Depot	C0108
3-C0109Q-X(P)	0.042	Main Depot	C0109
3-C0110Q-X(P)	0.042	Main Depot	C0110
3-C0111Q-X(P)	0.042	Main Depot	C0111
3-C0201Q-X(P)	0.042	Main Depot	C0201
3-C0202Q-X(P)	0.042	Main Depot	C0202
3-C0203Q-X(P)/RD	0.042	Main Depot	C0203
3-C0204Q-X(P)	0.042	Main Depot	C0204
3-C0205Q-X(P)	0.042	Main Depot	C0205
3-C0206Q-X(P)	0.042	Main Depot	C0206
3-C0207Q-X(P)	0.042	Main Depot	C0207
3-C0208Q-X(P)	0.042	Main Depot	C0208
3-C0209Q-X(P)	0.042	Main Depot	C0209
3-C0210Q-X(P)	0.042	Main Depot	C0210
3-C0211Q-X(P)	0.042	Main Depot	C0211
3-C0301Q-X(P)	0.042	Main Depot	C0301
3-C0302Q-X(P)	0.042	Main Depot	C0302
3-C0303Q-X(P)/RD	0.042	Main Depot	C0303
3-C0304Q-X(P)	0.042	Main Depot	C0304
3-C0305Q-X(P)	0.042	Main Depot	C0305
3-C0306Q-X(P)	0.042	Main Depot	C0306
3-C0307Q-X(P)/RD	0.042	Main Depot	C0307
3-C0308Q-X(P)/RD	0.042	Main Depot	C0308
3-C0309Q-X(P)	0.042	Main Depot	C0309
3-C0310Q-X(P)	0.042	Main Depot	C0310
3-C0311Q-X(P)	0.042	Main Depot	C0311
3-C0401Q-X(P)	0.042	Main Depot	C0401
3-C0402Q-X(P)	0.042	Main Depot	C0402
3-C0403Q-X(P)/RD	0.042	Main Depot	C0403

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-C0404Q-X(P)	0.042	Main Depot	C0404
3-C0405Q-X(P)/RD	0.042	Main Depot	C0405
3-C0406Q-X(P)/RD	0.042	Main Depot	C0406
3-C0407Q-X(P)/RD	0.042	Main Depot	C0407
3-C0408Q-X(P)/RD	0.042	Main Depot	C0408
3-C0409Q-X(P)	0.042	Main Depot	C0409
3-C0410Q-X(P)	0.042	Main Depot	C0410
3-C0411Q-X(P)	0.042	Main Depot	C0411
3-C0412Q-X(P)	0.042	Main Depot	C0412
3-C0501Q-X(P)/RD	0.042	Main Depot	C0501
3-C0502Q-X(P)	0.042	Main Depot	C0502
3-C0503Q-X(P)/RD	0.042	Main Depot	C0503
3-C0504Q-X(P)/RD	0.042	Main Depot	C0504
3-C0505Q-X(P)/RD	0.042	Main Depot	C0505
3-C0506Q-X(P)	0.042	Main Depot	C0506
3-C0507Q-X(P)	0.042	Main Depot	C0507
3-C0508Q-X(P)/RD	0.042	Main Depot	C0508
132-C0509Q-X(P)	0.042	Main Depot	C0509
3-C0510Q-X(P)/RD	0.042	Main Depot	C0510
3-C0511Q-X(P)/RD	0.042	Main Depot	C0511
3-C0512Q-X(P)	0.042	Main Depot	C0512
3-C0513Q-X(P)/RD	0.042	Main Depot	C0513
3-C0601Q-X(P)	0.042	Main Depot	C0601
3-C0602Q-X(P)	0.042	Main Depot	C0602
3-C0603Q-X(P)/RD	0.042	Main Depot	C0603
3-C0604Q-X(P)/RD	0.042	Main Depot	C0604
3-C0605Q-X(P)/RD	0.042	Main Depot	C0605
3-C0606Q-X(P)/RD	0.042	Main Depot	C0606
3-C0607Q-X(P)	0.042	Main Depot	C0607
3-C0608Q-X(P)/RD	0.042	Main Depot	C0608
3-C0609Q-X(P)	0.042	Main Depot	C0609
3-C0610Q-X(P)	0.042	Main Depot	C0610
3-C0611Q-X(P)	0.042	Main Depot	C0611
3-C0701Q-X(P)	0.042	Main Depot	C0701
3-C0702Q-X(P)	0.042	Main Depot	C0702
3-C0703Q-X(P)	0.042	Main Depot	C0703
3-C0704Q-X(P)	0.042	Main Depot	C0704
3-C0705Q-X(P)	0.042	Main Depot	C0705
3-C0706Q-X(P)	0.042	Main Depot	C0706
3-C0707Q-X(P)	0.042	Main Depot	C0707
3-C0708Q-X(P)	0.042	Main Depot	C0708
3-C0709Q-X(P)	0.042	Main Depot	C0709
3-C0801Q-X(P)/RD	0.042	Main Depot	C0801
3-C0802Q-X(P)	0.042	Main Depot	C0802

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-C0803Q-X(P)/RD	0.042	Main Depot	C0803
3-C0804Q-X(P)	0.042	Main Depot	C0804
3-C0805Q-X(P)	0.042	Main Depot	C0805
3-C0806Q-X(P)	0.042	Main Depot	C0806
3-C0807Q-X(P)/RD	0.042	Main Depot	C0807
3-C0808Q-X(P)	0.042	Main Depot	C0808
3-C0809Q-X(P)/RD	0.042	Main Depot	C0809
3-C0901Q-X(P)	0.042	Main Depot	C0901
3-C0902Q-X(P)/RD	0.042	Main Depot	C0902
3-C0903Q-X(P)	0.042	Main Depot	C0903
3-C0904Q-X(P)	0.042	Main Depot	C0904
3-C0905Q-X(P)	0.042	Main Depot	C0905
3-C0906Q-X(P)/RD	0.042	Main Depot	C0906
3-C0907Q-X(P)/RD	0.042	Main Depot	C0907
3-C0908Q-X(P)/RD	0.042	Main Depot	C0908
3-C0909Q-X(P)/RD	0.042	Main Depot	C0909
3-C0910Q-X(P)	0.042	Main Depot	C0910
3-C0911Q-X(P)	0.042	Main Depot	C0911
3-C0912Q-X(P)	0.042	Main Depot	C0912
3-C0913Q-X(P)	0.042	Main Depot	C0913
3-D0101Q-X(P)	0.042	Main Depot	D0101
3-D0102Q-X(P)	0.042	Main Depot	D0102
3-D0103Q-X(P)	0.042	Main Depot	D0103
3-D0104Q-X(P)/RD	0.042	Main Depot	D0104
3-D0105Q-X(P)/RD	0.042	Main Depot	D0105
3-D0106Q-X(P)	0.042	Main Depot	D0106
3-D0107Q-X(P)	0.042	Main Depot	D0107
3-D0108Q-X(P)/RD	0.042	Main Depot	D0108
3-D0109Q-X(P)	0.042	Main Depot	D0109
3-D0110Q-X(P)/RD	0.042	Main Depot	D0110
3-D0111Q-X(P)	0.042	Main Depot	D0111
3-D0112Q-X(P)	0.042	Main Depot	D0112
3-D0113Q-X(P)/RD	0.042	Main Depot	D0113
3-D0201Q-X(P)	0.042	Main Depot	D0201
3-D0202Q-X(P)	0.042	Main Depot	D0202
3-D0203Q-X(P)	0.042	Main Depot	D0203
3-D0204Q-X(P)	0.042	Main Depot	D0204
3-D0205Q-X(P)	0.042	Main Depot	D0205
3-D0206Q-X(P)/RD	0.042	Main Depot	D0206
3-D0207Q-X(P)/RD	0.042	Main Depot	D0207
3-D0208Q-X(P)	0.042	Main Depot	D0208
3-D0209Q-X(P)	0.042	Main Depot	D0209
3-D0210Q-X(P)	0.042	Main Depot	D0210



**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-D0211Q-X(P)	0.042	Main Depot	D0211
3-D0212Q-X(P)	0.042	Main Depot	D0212
3-D0301Q-X(P)	0.042	Main Depot	D0301
3-D0302Q-X(P)	0.042	Main Depot	D0302
3-D0303Q-X(P)	0.042	Main Depot	D0303
3-D0304Q-X(P)	0.042	Main Depot	D0304
3-D0305Q-X(P)/RD	0.042	Main Depot	D0305
3-D0306Q-X(P)/RD	0.042	Main Depot	D0306
3-D0307Q-X(P)	0.042	Main Depot	D0307
3-D0308Q-X(P)	0.042	Main Depot	D0308
3-D0309Q-X(P)	0.042	Main Depot	D0309
3-D0310Q-X(P)	0.042	Main Depot	D0310
3-D0311Q-X(P)	0.042	Main Depot	D0311
3-D0312Q-X(P)/RD	0.042	Main Depot	D0312
3-D0313Q-X(P)	0.042	Main Depot	D0313
3-D0401Q-X(P)/RD	0.042	Main Depot	D0401
3-D0402Q-X(P)	0.042	Main Depot	D0402
3-D0403Q-X(P)	0.042	Main Depot	D0403
3-D0404Q-X(P)	0.042	Main Depot	D0404
3-D0405Q-X(P)	0.042	Main Depot	D0405
3-D0406Q-X(P)/RD	0.042	Main Depot	D0406
3-D0407Q-X(P)/RD	0.042	Main Depot	D0407
3-D0408Q-X(P)	0.042	Main Depot	D0408
3-D0409Q-X(P)	0.042	Main Depot	D0409
3-D0410Q-X(P)	0.042	Main Depot	D0410
3-D0411Q-X(P)	0.042	Main Depot	D0411
3-D0412Q-X(P)	0.042	Main Depot	D0412
3-D0413Q-X(P)	0.042	Main Depot	D0413
3-D0501Q-X(P)	0.042	Main Depot	D0501
3-D0502Q-X(P)	0.042	Main Depot	D0502
3-D0503Q-X(P)	0.042	Main Depot	D0503
3-D0504Q-X(P)	0.042	Main Depot	D0504
3-D0505Q-X(P)	0.042	Main Depot	D0505
3-D0506Q-X(P)	0.042	Main Depot	D0506
3-D0507Q-X(P)	0.042	Main Depot	D0507
3-D0508Q-X(P)	0.042	Main Depot	D0508
3-D0509Q-X(P)	0.042	Main Depot	D0509
3-D0510Q-X(P)	0.042	Main Depot	D0510
3-D0511Q-X(P)	0.042	Main Depot	D0511
3-D0512Q-X(P)	0.042	Main Depot	D0512
3-D0513Q-X(P)	0.042	Main Depot	D0513
3-D0601Q-X(P)/RD	0.042	Main Depot	D0601
3-D0602Q-X(P)	0.042	Main Depot	D0602
3-D0603Q-X(P)	0.042	Main Depot	D0603

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-D0604Q-X(P)/RD	0.042	Main Depot	D0604
3-D0605Q-X(P)	0.042	Main Depot	D0605
3-D0606Q-X(P)	0.042	Main Depot	D0606
3-D0607Q-X(P)/RD	0.042	Main Depot	D0607
3-D0608Q-X(P)	0.042	Main Depot	D0608
3-D0609Q-X(P)	0.042	Main Depot	D0609
3-D0610Q-X(P)	0.042	Main Depot	D0610
3-D0611Q-X(P)	0.042	Main Depot	D0611
3-D0612Q-X(P)	0.042	Main Depot	D0612
3-D0701Q-X(P)	0.042	Main Depot	D0701
3-D0702Q-X(P)	0.042	Main Depot	D0702
3-D0703Q-X(P)	0.042	Main Depot	D0703
3-D0704Q-X(P)/RD	0.042	Main Depot	D0704
3-D0705Q-X(P)/RD	0.042	Main Depot	D0705
3-D0706Q-X(P)	0.042	Main Depot	D0706
3-D0707Q-X(P)	0.042	Main Depot	D0707
3-D0708Q-X(P)	0.042	Main Depot	D0708
3-D0709Q-X(P)	0.042	Main Depot	D0709
3-D0710Q-X(P)	0.042	Main Depot	D0710
3-D0711Q-X(P)/RD	0.042	Main Depot	D0711
3-D0712Q-X(P)/RD	0.042	Main Depot	D0712
3-D0801Q-X(P)/RD	0.042	Main Depot	D0801
3-D0802Q-X(P)	0.042	Main Depot	D0802
3-D0803Q-X(P)	0.042	Main Depot	D0803
3-D0804Q-X(P)	0.042	Main Depot	D0804
3-D0805Q-X(P)/RD	0.042	Main Depot	D0805
3-D0806Q-X(P)	0.042	Main Depot	D0806
3-D0807Q-X(P)	0.042	Main Depot	D0807
3-D0808Q-X(P)	0.042	Main Depot	D0808
3-D0809Q-X(P)	0.042	Main Depot	D0809
3-D0810Q-X(P)	0.042	Main Depot	D0810
3-D0811Q-X(P)	0.042	Main Depot	D0811
3-D0812Q-X(P)	0.042	Main Depot	D0812
3-E0101Q-X(P)	0.055	Main Depot	E0101
3-E0102Q-X(P)	0.055	Main Depot	E0102
3-E0103Q-X(P)/RD	0.055	Main Depot	E0103
3-E0104Q-X(P)	0.055	Main Depot	E0104
3-E0105Q-X(P)/RD	0.055	Main Depot	E0105
3-E0106Q-X(P)	0.055	Main Depot	E0106
3-E0107Q-X(P)	0.055	Main Depot	E0107
3-E0108Q-X(P)	0.055	Main Depot	E0108
3-E0109Q-X(P)	0.055	Main Depot	E0109
3-E0110Q-X(P)	0.055	Main Depot	E0110

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-E0111Q-X(P)	0.055	Main Depot	E0111
3-E0112Q-X(P)/RD	0.055	Main Depot	E0112
3-E0113Q-X(P)	0.055	Main Depot	E0113
3-E0114Q-X(P)	0.055	Main Depot	E0114
3-E0201Q-X(P)	0.055	Main Depot	E0201
3-E0202Q-X(P)	0.055	Main Depot	E0202
3-E0203Q-X(P)	0.055	Main Depot	E0203
3-E0204Q-X(P)	0.055	Main Depot	E0204
3-E0205Q-X(P)	0.055	Main Depot	E0205
3-E0206Q-X(P)	0.055	Main Depot	E0206
3-E0207Q-X(P)	0.055	Main Depot	E0207
3-E0208Q-X(P)	0.055	Main Depot	E0208
3-E0209Q-X(P)	0.055	Main Depot	E0209
3-E0210Q-X(P)	0.055	Main Depot	E0210
3-E0211Q-X(P)/RD	0.055	Main Depot	E0211
3-E0212Q-X(P)	0.055	Main Depot	E0212
3-E0213Q-X(P)	0.055	Main Depot	E0213
3-E0214Q-X(P)	0.055	Main Depot	E0214
3-E0301Q-X(P)/RD	0.055	Main Depot	E0301
3-E0302Q-X(P)/RD	0.055	Main Depot	E0302
3-E0303Q-X(P)/RD	0.055	Main Depot	E0303
3-E0304Q-X(P)	0.055	Main Depot	E0304
3-E0305Q-X(P)	0.055	Main Depot	E0305
3-E0306Q-X(P)	0.055	Main Depot	E0306
3-E0307Q-X(P)	0.055	Main Depot	E0307
3-E0308Q-X(P)	0.055	Main Depot	E0308
3-E0309Q-X(P)	0.055	Main Depot	E0309
3-E0310Q-X(P)	0.055	Main Depot	E0310
3-E0311Q-X(P)	0.055	Main Depot	E0311
3-E0312Q-X(P)/RD	0.055	Main Depot	E0312
3-E0313Q-X(P)	0.055	Main Depot	E0313
3-E0401Q-X(P)	0.055	Main Depot	E0401
3-E0402Q-X(P)/RD	0.055	Main Depot	E0402
3-E0403Q-X(P)	0.055	Main Depot	E0403
3-E0404Q-X(P)	0.055	Main Depot	E0404
3-E0405Q-X(P)	0.055	Main Depot	E0405
3-E0406Q-X(P)	0.055	Main Depot	E0406
3-E0407Q-X(P)	0.055	Main Depot	E0407
3-E0408Q-X(P)	0.055	Main Depot	E0408
3-E0409Q-X(P)	0.055	Main Depot	E0409
3-E0410Q-X(P)/RD	0.055	Main Depot	E0410
3-E0411Q-X(P)/RD	0.055	Main Depot	E0411
3-E0412Q-X(P)	0.055	Main Depot	E0412
3-E0413Q-X(P)/RD	0.055	Main Depot	E0413

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
3-E0501Q-X(P)	0.055	Main Depot	E0501
3-E0502Q-X(P)	0.055	Main Depot	E0502
3-E0503Q-X(P)	0.055	Main Depot	E0503
3-E0504Q-X(P)/RD	0.055	Main Depot	E0504
3-E0505Q-X(P)	0.055	Main Depot	E0505
3-E0506Q-X(P)/RD	0.055	Main Depot	E0506
3-E0507Q-X(P)	0.055	Main Depot	E0507
3-E0508Q-X(P)	0.055	Main Depot	E0508
3-E0509Q-X(P)	0.055	Main Depot	E0509
3-E0510Q-X(P)	0.055	Main Depot	E0510
3-E0511Q-X(P)	0.055	Main Depot	E0511
3-E0512Q-X(P)/RD	0.055	Main Depot	E0512
3-E0513Q-X(P)	0.055	Main Depot	E0513
3-E0601Q-X(P)	0.055	Main Depot	E0601
3-E0602Q-X(P)/RD	0.055	Main Depot	E0602
3-E0603Q-X(P)	0.055	Main Depot	E0603
3-E0604Q-X(P)/RD	0.055	Main Depot	E0604
3-E0605Q-X(P)	0.055	Main Depot	E0605
3-E0606Q-X(P)	0.055	Main Depot	E0606
3-E0607Q-X(P)	0.055	Main Depot	E0607
3-E0608Q-X(P)	0.055	Main Depot	E0608
3-E0609Q-X(P)/RD	0.055	Main Depot	E0609
3-E0610Q-X(P)/RD	0.055	Main Depot	E0610
3-E0611Q-X(P)	0.055	Main Depot	E0611
3-E0701Q-X(P)	0.055	Main Depot	E0701
3-E0702Q-X(P)/RD	0.055	Main Depot	E0702
3-E0703Q-X(P)	0.055	Main Depot	E0703
3-E0704Q-X(P)	0.055	Main Depot	E0704
3-E0705Q-X(P)	0.055	Main Depot	E0705
3-E0706Q-X(P)/RD	0.055	Main Depot	E0706
3-E0707Q-X(P)	0.055	Main Depot	E0707
3-E0708Q-X(P)	0.055	Main Depot	E0708
3-E0709Q-X(P)	0.055	Main Depot	E0709
3-E0710Q-X(P)	0.055	Main Depot	E0710
3-E0711Q-X(P)	0.055	Main Depot	E0711
3-S142Q-A/L(P)	0.235	South Depot	S142
3-T370Q-L(P)	0.005	Main Depot	T370
5-2401Q-A/L(P)	0.062	Lake Housing	2401
5-2402Q-L(P)	0.014	Lake Housing	2402
5-2403Q-A/L(P)	0.042	Lake Housing	2403
5-2404Q-A/L(P)	0.050	Lake Housing	2404
5-2405Q-L(P)	0.014	Lake Housing	2405
5-2406Q-A/L(P)	0.051	Lake Housing	2406

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
5-2407Q-A(P)/L(P)	0.014	Lake Housing	2407
5-2408Q-A/L(P)	0.094	Lake Housing	2408
5-2410Q-A/L(P)	0.086	Lake Housing	2410
5-2411Q-A/L(P)	0.058	Lake Housing	2411
5-2412Q-A/L(P)	0.024	Lake Housing	2412
5-2413Q-L(P)	0.010	Lake Housing	2413
5-2414Q-A/L(P)	0.045	Lake Housing	2414
5-2415Q-A/L(P)	0.024	Lake Housing	2415
5-2416Q-L(P)	0.008	Lake Housing	2416
5-2417Q-L(P)	0.009	Lake Housing	2417
5-2418Q-A/L(P)	0.018	Lake Housing	2418
5-2419Q-A/L(P)	0.030	Lake Housing	2419
5-2420Q-L(P)	0.006	Lake Housing	2420
5-2421Q-A/L(P)	0.040	Lake Housing	2421
5-2423Q-A/L(P)	0.030	Lake Housing	2423
5-2424Q-L(P)	0.014	Lake Housing	2424
5-2425Q-A/L(P)	0.028	Lake Housing	2425
5-2426Q-A/L(P)	0.022	Lake Housing	2426
5-2427Q-A/L(P)	0.021	Lake Housing	2427
5-2428Q-L(P)	0.008	Lake Housing	2428
5-2429Q-A/L(P)	0.023	Lake Housing	2429
5-2430Q-L(P)	0.007	Lake Housing	2430
5-2431Q-L(P)	0.008	Lake Housing	2431
5-2432Q-A/L(P)	0.034	Lake Housing	2432
5-2433Q-L(P)	0.009	Lake Housing	2433
5-2434Q-A/L(P)	0.003	Lake Housing	2434
5-2436Q-L(P)	0.005	Lake Housing	2436
5-2437Q-A/L(P)	0.042	Lake Housing	2437
129-2438Q-A/L(P)	0.027	Lake Housing	2438
5-2439Q-A(P)/L(P)	0.008	Lake Housing	2439
5-2441Q-A/L(P)	0.024	Lake Housing	2441
5-2443Q-A/L(P)	0.028	Lake Housing	2443
5-2444Q-L(P)	0.011	Lake Housing	2444
5-2445Q-A(P)	0.021	Lake Housing	2445
5-2446Q-A/L(P)	0.027	Lake Housing	2446
5-2447Q-L(P)	0.009	Lake Housing	2447
5-2448Q-A/L(P)	0.029	Lake Housing	2448
5-2449Q-L(P)	0.012	Lake Housing	2449
5-2450Q-A/L(P)	0.024	Lake Housing	2450
5-2451Q-L(P)	0.013	Lake Housing	2451
133-2452Q-A/L(P)	0.027	Lake Housing	2452
5-2453Q-A/L(P)	0.031	Lake Housing	2453
5-2454Q-L(P)	0.006	Lake Housing	2454
5-2456Q-L(P)	0.018	Lake Housing	2456

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
5-2458Q-A(P)/L(P)	0.000	Lake Housing	2458
5-2466Q-A/L(P)	0.007	Lake Housing	2466
5-2473Q-L(P)	0.018	Lake Housing	2473
5-2516Q-R	0.055	Lake Housing	2516
5-2470Q-A(P)/L(P)	0.011	Lake Housing	2470
5-2471Q-A(P)/L(P)	0.011	Lake Housing	2471
5-2472Q-A(P)/L(P)	0.011	Lake Housing	2472
5-2474Q-A(P)/L(P)	0.017	Lake Housing	2474
5-2475Q-A(P)/L(P)	0.015	Lake Housing	2475
5-2476Q-A(P)/L(P)	0.017	Lake Housing	2476
5-2477Q-A(P)/L(P)	0.018	Lake Housing	2477
5-2478Q-A(P)/L(P)	0.017	Lake Housing	2478
5-2480Q-A(P)/L(P)	0.015	Lake Housing	2480
5-2481Q-A(P)/L(P)	0.017	Lake Housing	2481
5-2482Q-A(P)/L(P)	0.018	Lake Housing	2482
5-2484Q-A(P)/L(P)	0.018	Lake Housing	2484
7-2306Q-L(P)	0.201	Airfield	2306
8-2305Q-A/L(P)	0.128	Airfield	2305
11-327Q-A(P)/L(P)	2.066	Warehouse	327
12-326Q-A(P)/L(P)	2.066	Warehouse	326
13-330Q-A(P)/L(P)/X(P)	2.066	Warehouse	330
14-331Q-A(P)/L(P)	2.066	Warehouse	331
15-324Q-A(P)/L(P)	2.066	Warehouse	324
16-343Q-A(P)/L(P)	2.066	Warehouse	343
17-323Q-A/L(P)	2.066	Warehouse	323
18-333Q-A(P)/L(P)	2.066	Warehouse	333
19-307Q-A(P)	0.046	Warehouse	307
20-316Q-L(P)	0.427	IPE	316
20-317Q-L(P)	0.607	IPE	317
20-318Q-L(P)	0.427	IPE	318
21-202Q-A/L(P)	0.041	South Depot	202
21-203Q-A/L(P)	0.046	South Depot	203
21-204Q-A/L(P)	0.049	South Depot	204
21-205Q-A/L(P)	0.046	South Depot	205
21-206Q-A/L(P)	0.046	South Depot	206
21-207Q-A/L(P)	0.046	South Depot	207
21-214Q-A/L(P)	0.044	South Depot	214
21-215Q-A/L(P)	0.041	South Depot	215
21-216Q-A/L(P)	0.041	South Depot	216
21-217Q-A/L(P)	0.046	South Depot	217
21-200AQ-A/L(P)	0.035	South Depot	200-A
21-200BQ-A/L(P)	0.035	South Depot	200-B
21-201AQ-A/L(P)	0.035	South Depot	201-A

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
21-201BQ-A/L(P)	0.035	South Depot	201-B
21-208AQ-A/L(P)	0.059	South Depot	208-A
21-208BQ-A/L(P)	0.059	South Depot	208-B
21-209AQ-A/L(P)	0.059	South Depot	209-A
21-209BQ-A/L(P)	0.059	South Depot	209-B
21-210AQ-A/L(P)	0.040	South Depot	210-A
21-210BQ-A/L(P)	0.040	South Depot	210-B
21-211AQ-A/L(P)	0.037	South Depot	211-A
21-211BQ-A/L(P)	0.037	South Depot	211-B
135-212AQ-L(P)	0.040	South Depot	212-A
135-212BQ-L(P)	0.040	South Depot	212-B
21-213AQ-A/L(P)	0.037	South Depot	213-A
21-213BQ-A/L(P)	0.037	South Depot	213-B
21-218AQ-A/L(P)	0.037	South Depot	218-A
21-218BQ-A/L(P)	0.037	South Depot	218-B
21-219AQ-A/L(P)	0.040	South Depot	219-A
21-219BQ-L(P)	0.040	South Depot	219-B
21-221AQ-A/L(P)	0.037	South Depot	221-A
21-221BQ-A/L(P)	0.037	South Depot	221-B
21-222AQ-A/L(P)	0.040	South Depot	222-A
21-222BQ-A/L(P)	0.040	South Depot	222-B
21-223AQ-A/L(P)	0.037	South Depot	223-A
21-223BQ-A/L(P)	0.037	South Depot	223-B
21-224AQ-A/L(P)	0.030	South Depot	224-A
21-224BQ-L(P)	0.030	South Depot	224-B
21-224CQ-A/L(P)	0.030	South Depot	224-C
21-224DQ-L(P)	0.030	South Depot	224-D
21-225AQ-L(P)	0.030	South Depot	225-A
21-225BQ-L(P)	0.030	South Depot	225-B
21-225CQ-A/L(P)	0.030	South Depot	225-C
21-225DQ-A/L(P)	0.030	South Depot	225-D
21-226AQ-A/L(P)	0.030	South Depot	226-A
21-226BQ-A/L(P)	0.030	South Depot	226-B
21-226CQ-A/L(P)	0.030	South Depot	226-C
21-226DQ-A/L(P)	0.030	South Depot	226-D
21-227AQ-A/L(P)	0.030	South Depot	227-A
21-227BQ-A/L(P)	0.030	South Depot	227-B
21-227CQ-A/L(P)	0.030	South Depot	227-C
21-227DQ-A/L(P)	0.030	South Depot	227-D
21-228AQ-A/L(P)	0.030	South Depot	228-A
21-228BQ-A/L(P)	0.030	South Depot	228-B
21-228CQ-A/L(P)	0.030	South Depot	228-C
21-228DQ-A/L(P)	0.030	South Depot	228-D
21-229AQ-A/L(P)	0.030	South Depot	229-A

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
21-229BQ-L(P)	0.030	South Depot	229-B
21-229CQ-A/L(P)	0.030	South Depot	229-C
21-229DQ-L(P)	0.030	South Depot	229-D
21-230AQ-L(P)	0.030	South Depot	230-A
21-230BQ-A/L(P)	0.030	South Depot	230-B
21-230CQ-A/L(P)	0.030	South Depot	230-C
21-230DQ-A/L(P)	0.030	South Depot	230-D
21-231AQ-A/L(P)	0.030	South Depot	231-A
21-231BQ-L(P)	0.030	South Depot	231-B
21-231CQ-L(P)	0.030	South Depot	231-C
21-231DQ-A/L(P)	0.030	South Depot	231-D
21-232AQ-A/L(P)	0.030	South Depot	232-A
21-232BQ-A/L(P)	0.030	South Depot	232-B
21-232CQ-A/L(P)	0.030	South Depot	232-C
21-232DQ-A/L(P)	0.030	South Depot	232-D
21-233AQ-L(P)	0.030	South Depot	233-A
21-233BQ-A/L(P)	0.030	South Depot	233-B
21-233CQ-A/L(P)	0.030	South Depot	233-C
21-233DQ-L(P)	0.030	South Depot	233-D
21-234AQ-A/L(P)	0.030	South Depot	234-A
21-234BQ-A/L(P)	0.030	South Depot	234-B
21-234CQ-A/L(P)	0.030	South Depot	234-C
21-234DQ-A/L(P)	0.030	South Depot	234-D
21-235AQ-L(P)	0.030	South Depot	235-A
21-235BQ-A/L(P)	0.030	South Depot	235-B
21-235CQ-A/L(P)	0.030	South Depot	235-C
21-235DQ-A/L(P)	0.030	South Depot	235-D
21-236AQ-A/L(P)	0.030	South Depot	236-A
21-236BQ-A/L(P)	0.030	South Depot	236-B
21-236CQ-A/L(P)	0.030	South Depot	236-C
21-236DQ-A/L(P)	0.030	South Depot	236-D
21-237AQ-A/L(P)	0.030	South Depot	237-A
21-237BQ-A/L(P)	0.030	South Depot	237-B
21-237CQ-A/L(P)	0.030	South Depot	237-C
21-237DQ-L(P)	0.030	South Depot	237-D
21-238AQ-A/L(P)	0.030	South Depot	238-A
21-238BQ-A/L(P)	0.030	South Depot	238-B
21-238CQ-A/L(P)	0.030	South Depot	238-C
21-238DQ-A/L(P)	0.030	South Depot	238-D
21-239AQ-L(P)	0.030	South Depot	239-A
21-239BQ-A/L(P)	0.030	South Depot	239-B
21-239CQ-A/L(P)	0.030	South Depot	239-C
21-239DQ-A/L(P)	0.030	South Depot	239-D



**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
21-240AQ-A/L(P)	0.030	South Depot	240-A
21-240BQ-A/L(P)	0.030	South Depot	240-B
21-240CQ-A/L(P)	0.030	South Depot	240-C
21-240DQ-A/L(P)	0.030	South Depot	240-D
21-241AQ-A/L(P)	0.030	South Depot	241-A
21-241BQ-A/L(P)	0.030	South Depot	241-B
21-241CQ-A/L(P)	0.030	South Depot	241-C
21-241DQ-A/L(P)	0.030	South Depot	241-D
21-242AQ-A/L(P)	0.030	South Depot	242-A
21-242BQ-A/L(P)	0.030	South Depot	242-B
21-242CQ-A/L(P)	0.030	South Depot	242-C
21-242DQ-A/L(P)	0.030	South Depot	242-D
21-243AQ-A/L(P)	0.034	South Depot	243-A
21-243BQ-A/L(P)	0.034	South Depot	243-B
21-243CQ-A/L(P)	0.034	South Depot	243-C
21-243DQ-A/L(P)	0.034	South Depot	243-D
21-244AQ-L(P)	0.034	South Depot	244-A
21-244BQ-L(P)	0.034	South Depot	244-B
21-244CQ-A/L(P)	0.034	South Depot	244-C
21-244DQ-L(P)	0.034	South Depot	244-D
21-245AQ-A/L(P)	0.034	South Depot	245-A
21-245BQ-L(P)	0.034	South Depot	245-B
21-245CQ-L(P)	0.034	South Depot	245-C
21-245DQ-L(P)	0.034	South Depot	245-D
22-101Q-A/L(P)	0.339	South Depot	101
23-103Q-A/L(P)	0.265	South Depot	103
24-118Q-L(P)	0.435	South Depot	118
24-120Q-A/L(P)	0.009	South Depot	120
25-117Q-A/L(P)	0.456	South Depot	117
27-106Q-A/L(P)	0.254	South Depot	106
28-114Q-L(P)	0.277	South Depot	114
30-113Q-A/L(P)	0.379	South Depot	113
31-312Q-L(P)	0.275	South Depot	312
32-800Q-A	0.029	North Depot	800
33-729Q-A/L(P)	0.106	North Depot	729
34-719Q-L(P)	0.009	North Depot	719
34-720Q-A/L(P)	0.098	North Depot	720
34-721Q-L(P)	0.004	North Depot	721
35-733Q-L(P)	0.012	North Depot	733
37-710Q-L(P)	0.075	North Depot	710
38-742Q-A/L(P)	0.032	North Depot	742
39-S714Q-L(P)	0.175	North Depot	S714
40-740Q-A/L(P)	0.103	North Depot	740
45-356Q-A(P)/L(P)	4.664	Warehouse	356

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
47-732Q-L(P)	0.082	Main Depot	732
49-E0801Q-X(P)/RD	0.055	Main Depot	E0801
49-E0802Q-X(P)/RD	0.055	Main Depot	E0802
49-E0803Q-X(P)/RD	0.055	Main Depot	E0803
49-E0804Q-X(P)/RD	0.055	Main Depot	E0804
49-E0805Q-X(P)/RD	0.055	Main Depot	E0805
49-E0806Q-X(P)/RD	0.055	Main Depot	E0806
49-E0807Q-X(P)/RD	0.055	Main Depot	E0807
49-E0808Q-X(P)/RD	0.055	Main Depot	E0808
49-E0809Q-X(P)/RD	0.055	Main Depot	E0809
49-E0810Q-X(P)/RD	0.055	Main Depot	E0810
49-E0811Q-X(P)/RD	0.055	Main Depot	E0811
50-319Q-A/L(P)	0.066	Warehouse	319
51-360Q-A	0.199	IPE	360
54-2409Q-L(P)	0.017	Lake Housing	2409
57-2073Q-L(P)/X(P)/RD	0.085	Main Depot	2073
57-2074Q-A/L(P)/X(P)	0.004	Main Depot	2074
57-2075Q-L(P)/X(P)	0.003	Main Depot	2075
57-2076Q-A/L(P)	0.125	Main Depot	2076
57-2077Q-A/L(P)	0.013	Main Depot	2077
57-2078Q-A/L(P)/X(P)	0.172	Main Depot	2078
57-2079Q-A/L(P)	0.044	Main Depot	2079
57-2084Q-A/L(P)/X(P)/RD	0.126	Main Depot	2084
57-2085Q-A/L(P)/X(P)	0.038	Main Depot	2085
59-608Q-L(P)/X(P)	0.008	Main Depot	608
59-609Q-A/L(P)	0.016	Main Depot	609
59-610Q-L(P)/X(P)	0.012	Main Depot	610
59-611Q-L(P)	0.009	Main Depot	611
59-612Q-L(P)/X(P)/RD	0.422	Main Depot	612
63-606Q-A/L(P)	0.078	Main Depot	606
63-607Q-A/L(P)	0.010	Main Depot	607
78-T355Q-L(P)	0.115	Main Depot	T355
80-367Q-L(P)/X(P)	0.084	Main Depot	367
82-S311Q-A/L(P)/X(P)	0.267	Main Depot	S311
82-S361Q-L(P)/X(P)	0.039	Main Depot	S361
84-306Q-L(P)/X(P)/RD	0.124	Main Depot	306
84-308Q-L(P)	0.012	Main Depot	308
86-135Q-A/L(P)	0.115	South Depot	135
87-121Q-L(P)	0.075	South Depot	121
88-127Q-L(P)	0.141	South Depot	127
92-5Q-L(P)/X(P)/RD	0.270	Main Depot	5
92-6Q-A/L(P)	0.014	Main Depot	6
92-7Q-L(P)/X(P)	0.270	Main Depot	7

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
92-9Q-L(P)	0.019	Main Depot	9
92-12Q-L(P)	0.019	Main Depot	12
94-4Q-L(P)	0.012	Main Depot	4
98-801Q-A(P)/L(P)	0.000	Special Weapons	801
98-802Q-L(P)	0.120	Special Weapons	802
98-803Q-L(P)/X(P)/RD	0.064	Special Weapons	803
98-804Q-A/L(P)/X(P)/RD	0.031	Special Weapons	804
98-805Q-L(P)	0.010	Special Weapons	805
98-806Q-A/L(P)	0.092	Special Weapons	806
98-807Q-A/L(P)	0.092	Special Weapons	807
98-809Q-L(P)	0.004	Special Weapons	809
98-810Q-A/L(P)/RD	0.872	Special Weapons	810
98-812Q-A/L(P)	0.245	Special Weapons	812
98-813Q-L(P)/X(P)	0.100	Special Weapons	813
98-814Q-A/L(P)/X(P)	0.082	Special Weapons	814
98-815Q-L(P)/X(P)/RD	0.254	Special Weapons	815
98-816Q-L(P)/X(P)/RD	0.353	Special Weapons	816
98-817Q-A/L(P)/X(P)	0.022	Special Weapons	817
98-819Q-A/L(P)/X(P)/RD	0.190	Special Weapons	819
98-823Q-A(P)/L(P)/X(P)	0.002	Special Weapons	823
98-824Q-L(P)	0.090	Special Weapons	824
98-825Q-L(P)	0.092	Special Weapons	825
98-A0101Q-X(P)/RD	0.028	Special Weapons	A0101
98-A0102Q-X(P)/RD	0.028	Special Weapons	A0102
100-747Q-RD	0.200	North Depot	747
101-718Q-L(P)	0.074	North Depot	718
102-716Q-L(P)	0.003	North Depot	716
104-2104Q-A/L(P)	0.030	Main Depot	2104
104-2105Q-L(P)	0.492	OB/OD Grounds	2105
104-2106Q-A/L(P)/X(P)	0.013	OB/OD Grounds	2106
104-2107Q-L(P)/X(P)	0.001	OB/OD Grounds	2107
104-2110Q-L(P)	0.492	OB/OD Grounds	2110
106-2131Q-L(P)	0.005	Main Depot	2131
108-335Q-A(P)/L(P)	0.088	Warehouse	335
114Q-X	2.900	Airfield	Airfield Firing Range
115Q-X	0.814	Airfield	Airfield Skeet Range
116Q-X	178.840	Main Depot	SEAD-4 and other areas
117Q-X	16.208	Main Depot	Munitions Burial Area
118Q-RD	72.790	Main Depot	Pitchblend Storage Igloos
119Q-X	0.660	Main Depot	Firing Range near Ovid Road
120Q-X	3.720	Main Depot	Material Proof Area
121Q-X	1.620	Main Depot	Material Proof Area

**Table 5-1b  
(Continued)**

<b>QUALIFIED PARCEL NUMBER AND LABEL<sup>a</sup></b>	<b>APPROXIMATE SIZE (ACRES)</b>	<b>GEOGRAPHIC AREA</b>	<b>BUILDING NUMBER</b>
122Q-X	8.070	Duck Ponds	Small Arms Range
123Q-RD	334.790	Special Weapons	Special Weapons Area
124Q-RD	15.790	Special Weapons	Special Weapons Area
125Q-X	0.250	North Depot	Firing Range in Building 744
126Q-RD	3.640	Special Weapons	SEAD-63
127Q-X	1,055.650	OB/OD Grounds	OB/OD Grounds
128Q-X	1.880	Main Depot	Abandoned Powder Burning Pit

Notes:

<sup>a</sup> BRAC parcel label definitions are as follows:

PS = petroleum storage  
 PR = petroleum release or disposal  
 HS = hazardous substance storage  
 HR = hazardous substance release or disposal

Qualified parcel label definitions are as follows:

A = asbestos containing material  
 L = lead-based paint  
 P = polychlorinated biphenyls  
 R = radon  
 X = UXO and/or ordnance fragments  
 RD = radionuclides  
 (P) = possible (unverified)

**Table 5-3  
POTENTIAL UXO HAZARDS  
SENECA ARMY DEPOT ACTIVITY**

<b>BUILDING/PARCEL NUMBER</b>	<b>ACRES</b>	<b>DESCRIPTION</b>	<b>PURPOSE</b>	<b>COMMENT</b>	<b>EBS SOURCE OF EVIDENCE</b>
5	0.270	Bundle Ammunition Packing	Munitions Packaging	Possible UXO stored for use	22
7	0.270	Bundle Ammunition Packing	Munitions Packaging	Possible UXO stored for use	22
306	0.124	Ammunition Inspection Workshop	Munitions Inspection	Possible UXO stored for use	22
328	2.066	Ammunition Storage Depot	Munitions Storage	Possible UXO stored for use	22
330	2.066	Ammunition Storage Depot	Munitions Storage	Possible UXO stored for use	22
366	0.022	Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
608	0.008	Ammunition Breakdown Area; SEAD-52	UXO dismantled, removed powder was sold or burned, some stored for disposal	Possible UXO stored for disposal	1
610	0.012	Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
612	0.422	Ammunition Breakdown Area/Ammunition Renovation Depot; SEAD-53	UXO dismantled, removed powder sold or burned, some stored for disposal	Possible UXO stored for disposal	1
803	0.064	Special Weapons Magazine	Munitions Storage	Possible UXO stored for use; mothballed?	22
804	0.031	Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
813	0.100	Special Weapons Depot	Munitions Storage	Possible UXO stored for use	22
814	0.082	Special Weapons Depot	Munitions Storage	Possible UXO stored for use	22
815	0.254	Special Weapons Depot	Munitions Storage	Possible UXO stored for use	22
816	0.353	Special Weapons Depot	Munitions Storage	Possible UXO stored for use; mothballed?	22
817	0.022	Special Weapons Depot	Munitions Storage	Possible UXO stored for use	22
819	0.190	Weapon Assembly/Special Weapons Depot	Munitions Assembly/Storage	Possible UXO stored for use	22
823	0.002	General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
1594	0.069	Ammunition Storage Pad (Not a building)	Munitions Storage	Possible UXO stored for use	22
2073	0.085	Ammunition Refinish	Munitions Renovation	Possible UXO stored for use	22
2074	0.004	Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use; mothballed?	22
2075	0.003	Ammunition Renovation Shop	Munitions Renovation	Possible UXO stored for use	22
2078	0.172	Process/Condition Ammunition/Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
2084	0.126	Process/Condition Ammunition/Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22

**Table 5-3  
(Continued)**

<b>BUILDING/PARCEL NUMBER</b>	<b>ACRES</b>	<b>DESCRIPTION</b>	<b>PURPOSE</b>	<b>COMMENT</b>	<b>EBS SOURCE OF EVIDENCE</b>
2085	0.038	Process/Condition Ammunition/Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
2109	0.000	Ammunition Demilitarization Depot	Munitions Demilitarization	Possible UXO stored for use	22
2117	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2118	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2119	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2120	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2121	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2122	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2123	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2124	0.259	Storage of Ammunition/General Purpose Magazine Depot	Munitions Storage	Possible UXO stored for use	22
2133	0.002	Igloo	Munitions Storage	Possible UXO stored for use	22
2132	0.002	Igloo	Munitions Storage	Possible UXO stored for use	22
A0101-102	0.056	Igloo	Munitions Storage	Possible UXO stored for use	22
A0201, 203, 205, 207, 209, 211, 213, 215, 217	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
A0202, 204, 206, 208, 210, 212, 214, 216, 218	0.375	Igloo	Munitions Storage	Possible UXO stored for use	22
A0301, 303, 305, 307, 309, 311, 313, 315, 317	0.375	Igloo	Munitions Storage	Possible UXO stored for use	22
A0302, 304, 306, 308, 310, 312, 314, 316	0.445	Igloo	Munitions Storage	Possible UXO stored for use	22
A0401-409	0.375	Igloo	Munitions Storage	Possible UXO stored for use	22
A0501-508	0.334	Igloo	Munitions Storage	Possible UXO stored for use	22
A0601-610	0.417	Igloo	Munitions Storage	Possible UXO stored for use	22
A0702-711	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
A0801-811	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
A0901-910	0.417	Igloo	Munitions Storage	Possible UXO stored for use	22
A1001-A1012	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
A1101-A1111	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0101-B0112	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22

**Table 5-3  
(Continued)**

BUILDING/PARCEL NUMBER	ACRES	DESCRIPTION	PURPOSE	COMMENT	EBS SOURCE OF EVIDENCE
B0201-B0211	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0301-B0311	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0401-B0411	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0501-B0511	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0601-B0611	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0701-B0711	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0801-B0811	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
B0901-B0911	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
C0101-C0111	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
C0201-C0211	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
C0301-C0311	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
C0401-C0412	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
C0501-C0513	0.542	Igloo	Munitions Storage	Possible UXO stored for use	22
C0601-C0611	0.459	Igloo	Munitions Storage	Possible UXO stored for use	22
C0701-C0709	0.375	Igloo	Munitions Storage	Possible UXO stored for use	22
C0801-C0809	0.375	Igloo	Munitions Storage	Possible UXO stored for use	22
C0901-C0913	0.542	Igloo	Munitions Storage	Possible UXO stored for use	22
D0101-D0113	0.542	Igloo	Munitions Storage	Possible UXO stored for use	22
D0201-D0212	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
D0301-D0313	0.542	Igloo	Munitions Storage	Possible UXO stored for use	22
D0401-D0413	0.542	Igloo	Munitions Storage	Possible UXO stored for use	22
D0501-D0513	0.542	Igloo	Munitions Storage	Possible UXO stored for use	22
D0601-D0612	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
D0701-D0712	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
D0801-D0812	0.500	Igloo	Munitions Storage	Possible UXO stored for use	22
E0101-E0114	0.774	Igloo	Munitions Storage	Possible UXO stored for use	22
E0201-E0214	0.774	Igloo	Munitions Storage	Possible UXO stored for use	22
E0301-E0313	0.719	Igloo	Munitions Storage	Possible UXO stored for use	22
E0401-E0413	0.719	Igloo	Munitions Storage	Possible UXO stored for use	22
E0501-E0513	0.719	Igloo	Munitions Storage	Possible UXO stored for use	22
E0601-E0611	0.608	Igloo	Munitions Storage	Possible UXO stored for use	22
E0701-E0711	0.608	Igloo	Munitions Storage	Possible UXO stored for use	22
E0801-E0811	0.608	Igloo	Munitions Storage	Possible UXO stored for use	22
367	0.084	Existing Deactivation Furnace/Ammunition Demilitarization Depot	Furnace for deactivating munitions	Possible surface or buried UXO	1

**Table 5-3  
(Continued)**

BUILDING/PARCEL NUMBER	ACRES	DESCRIPTION	PURPOSE	COMMENT	EBS SOURCE OF EVIDENCE
2207	0.082	Abandoned Solid Waste Incinerator (building no longer exists); SEAD-15	Incinerator for burning mixture of rubbish and garbage, including small munitions	Possible surface or buried UXO	1
S-311	0.267	Abandoned Deactivation Furnace/Ammunition Demilitarization Depot; SEAD-16	Furnace for deactivating munitions	Possible surface or buried UXO	1
S-361	0.039	Ammunition Demo Facility/Ammunition Demilitarization Depot	Munitions Demilitarization	Possible surface or buried UXO	22
Parcel 120Q	3.720	Quality Assurance Test Lab, Location A (West of Building 616); SEAD-44	Tested CS grenades, firing devices, and pyrotechnics	Possible surface or buried UXO	1
Parcel 121Q	1.620	Quality Assurance Test Lab, Location B (Brady Road); SEAD-44	Tested CS grenades, firing devices, and pyrotechnics	Possible surface or buried UXO	1
2106	0.013	Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
2107	0.001	Ammunition Renovation Depot	Munitions Renovation	Possible UXO stored for use	22
Parcel 116Q	178.840	Munitions Washout Facility Leach Field (building no longer exists); SEAD-4	Facility for dismantling explosives for disposal	Possible surface or buried UXO	1
Parcel 127Q		Open burning ground; SEAD-23	Burned explosives and projectiles	Possible surface or buried UXO	1
Parcel 128Q	1.880	Abandoned Powder Burning Pit; SEAD-24	Burned black powder, solid propellants, explosive contaminated trash	Possible surface or buried UXO	1
Parcel 127Q		Demolition Area; SEAD-45	Area for exploding munitions underground	Possible surface or buried UXO	1
Parcel 122Q	8.070	Small arms range; SEAD-46	3½-inch rockets were fired into an earthen barricade at one end of the range	Possible surface or buried UXO	1
Parcel 127Q	1,055.650	Explosive Ordnance Disposal Area; SEAD-57	Open detonation area and possible disposal of explosives	Possible surface or buried UXO	1
Parcel 115Q	0.814	Skeet Range at Airfield	Firing Range	Potential for UXO fragments	Interview, Visual Inspection
Parcel 119Q	0.660	Small Arms Range near Ovid Road	Firing Range	Potential firing of explosive ordnance	Interview, Visual Inspection
Parcel 125Q	0.250	Small Arms Range in Building 744	Firing Range	Potential for UXO fragments	Interview, Visual Inspection
Parcel 117Q	16.208	Potential Munitions Burial Area	Disposal of munitions	Possible buried UXO	Interview
Parcel 114Q	2.900	Small Arms Range at Airfield	Firing Range	Potential for UXO fragments	Interview, Visual Inspection



**Table 5-4  
POTENTIAL RADIONUCLIDE HAZARDS  
SENECA ARMY DEPOT ACTIVITY**

<b>BUILDING/ PARCEL NUMBER</b>	<b>DESCRIPTION</b>	<b>ACRES</b>
5	Bundle Ammunition Packing	0.270
306	Ammunition Inspection Workshop	0.124
612	Ammunition Renovation Workshop	0.422
747	Ammunition Training Facility	0.200
803	Storage	0.064
804	Electronic Maintenance Building	0.031
810	General Warehouse	0.872
815	Shop	0.254
816	Shop	0.353
819	Weapon Assembly	0.190
2073	Ammunition Refinishing	0.085
2084	Process/Condition Ammunition	0.126
A101-A102	Igloo Storage Depot	0.056
A201-A218	Igloo Storage Depot	0.875
A301-A317	Igloo Storage Depot	0.820
A401-A409	Igloo Storage Depot	0.375
A501-508	Igloo Storage Depot	0.334
A601-A610	Igloo Storage Depot	0.417
A0508	Igloo Storage Depot	0.042
A0701	Igloo Storage Depot	0.042
A0706	Igloo Storage Depot	0.042
A0707	Igloo Storage Depot	0.042
A0901	Igloo Storage Depot	0.042
A0905	Igloo Storage Depot	0.042
A01108	Igloo Storage Depot	0.042
A01109	Igloo Storage Depot	0.042
B0109	Igloo Storage Depot	0.042
B0411	Igloo Storage Depot	0.042
B0501	Igloo Storage Depot	0.042
B0602	Igloo Storage Depot	0.042
B0603	Igloo Storage Depot	0.042
B0609	Igloo Storage Depot	0.042
B0705	Igloo Storage Depot	0.042
B0707	Igloo Storage Depot	0.042
B0708	Igloo Storage Depot	0.042
B0709	Igloo Storage Depot	0.042
B0711	Igloo Storage Depot	0.042
B0802	Igloo Storage Depot	0.042
B0804	Igloo Storage Depot	0.042
B0909	Igloo Storage Depot	0.042
C0203	Igloo Storage Depot	0.042
C0303	Igloo Storage Depot	0.042
C0307	Igloo Storage Depot	0.042
C0308	Igloo Storage Depot	0.042

**Table 5-4  
(Continued)**

<b>BUILDING/ PARCEL NUMBER</b>	<b>DESCRIPTION</b>	<b>ACRES</b>
C0403	Igloo Storage Depot	0.042
C0405	Igloo Storage Depot	0.042
C0406	Igloo Storage Depot	0.042
C0407	Igloo Storage Depot	0.042
C0408	Igloo Storage Depot	0.042
C0501	Igloo Storage Depot	0.042
C0503	Igloo Storage Depot	0.042
C0504	Igloo Storage Depot	0.042
C0505	Igloo Storage Depot	0.042
C0508	Igloo Storage Depot	0.042
C0510	Igloo Storage Depot	0.042
C0511	Igloo Storage Depot	0.042
C0513	Igloo Storage Depot	0.042
C0603	Igloo Storage Depot	0.042
C0604	Igloo Storage Depot	0.042
C0605	Igloo Storage Depot	0.042
C0606	Igloo Storage Depot	0.042
C0608	Igloo Storage Depot	0.042
C0801	Igloo Storage Depot	0.042
C0803	Igloo Storage Depot	0.042
C0807	Igloo Storage Depot	0.042
C0809	Igloo Storage Depot	0.042
C0902	Igloo Storage Depot	0.042
C0906	Igloo Storage Depot	0.042
C0907	Igloo Storage Depot	0.042
C0908	Igloo Storage Depot	0.042
C0909	Igloo Storage Depot	0.042
D0104	Igloo Storage Depot	0.042
D0105	Igloo Storage Depot	0.042
D0108	Igloo Storage Depot	0.042
D0110	Igloo Storage Depot	0.042
D0113	Igloo Storage Depot	0.042
D0206	Igloo Storage Depot	0.042
D0207	Igloo Storage Depot	0.042
D0305	Igloo Storage Depot	0.042
D0306	Igloo Storage Depot	0.042
D0312	Igloo Storage Depot	0.042
D0401	Igloo Storage Depot	0.042
D0406	Igloo Storage Depot	0.042
D0407	Igloo Storage Depot	0.042
D0601	Igloo Storage Depot	0.042
D0604	Igloo Storage Depot	0.042
D0607	Igloo Storage Depot	0.042
D0704	Igloo Storage Depot	0.042

**Table 5-4  
(Continued)**

<b>BUILDING/ PARCEL NUMBER</b>	<b>DESCRIPTION</b>	<b>ACRES</b>
D0705	Igloo Storage Depot	0.042
D0711	Igloo Storage Depot	0.042
D0712	Igloo Storage Depot	0.042
D0801	Igloo Storage Depot	0.042
D0805	Igloo Storage Depot	0.042
E0103	Igloo Storage Depot	0.055
E0105	Igloo Storage Depot	0.055
E0112	Igloo Storage Depot	0.055
E0211	Igloo Storage Depot	0.055
E0301	Igloo Storage Depot	0.055
E0302	Igloo Storage Depot	0.055
E0303	Igloo Storage Depot	0.055
E0312	Igloo Storage Depot	0.055
E0402	Igloo Storage Depot	0.055
E0410	Igloo Storage Depot	0.055
E0411	Igloo Storage Depot	0.055
E0413	Igloo Storage Depot	0.055
E0504	Igloo Storage Depot	0.055
E0506	Igloo Storage Depot	0.055
E0512	Igloo Storage Depot	0.055
E0602	Igloo Storage Depot	0.055
E0604	Igloo Storage Depot	0.055
E0609	Igloo Storage Depot	0.055
E0610	Igloo Storage Depot	0.055
E0702	Igloo Storage Depot	0.055
E0706	Igloo Storage Depot	0.055
E0801-E0811	Igloo Storage Depot	0.608
118Q	Pitchblende Storage Area	72.790
123Q	Special Weapons Area	334.790
124Q	Special Weapons Area	15.790
126Q	Special Weapons Area	3.640



- Absolom, Stephen M. 1991. Memorandum Regarding PCB Transformers.
- . 1993. Letter to David Kiser, New York Department of Environmental Conservation Regarding Description of Procedures Followed for Taking STP 715 Off-Line.
- . 1994. Memorandum and Statement of Work, Herbiciding Requirements, SEDA.
- . 1995. *1994 Hazardous Waste Report for SEDA*.
- . n.d. Memorandum Regarding Request for Open Pit Detonation Authorization.
- Army Relative Risk Site Evaluation Scoring, Defense Site Environmental Restoration Tracking System. 1995.
- Campbell Design Group. 1993. *Spill Prevention Control and Countermeasure Plan Including Installation Spill Contingency Plan for Seneca Army Depot, Romulus, New York*.
- Department of Defense. 1993. *BRAC Cleanup Plan (BCP) Guidebook*.
- Documents Regarding LBP Testing, Buildings 211-A and 234-D and Lake Housing Area. 1993. For the years 1992 and 1993.
- Engineering Science, Inc. 1994a. *Remedial Investigation Report, Ash Landfill, SEDA, Romulus, NY*.
- . 1994b. *Remedial Investigation Report, Open Burning Grounds, SEDA, Romulus, NY*.
- . 1994c. *Solid Waste Management Classification Study, Seneca Army Depot, Romulus, New York*.
- . 1995a. *Expanded Site Inspection Report, Eight Moderately Low Priority Areas of Concern, Seneca Army Depot, Romulus, New York*.

- . 1995b. *Expanded Site Inspection Report, Seven Areas of Concern, Seneca Army Depot, Romulus, New York.*
- . 1995c. *Expanded Site Inspection Report, Seven Low Priority Areas of Concern, Seneca Army Depot, Romulus, New York.*
- . 1995d. *Expanded Site Inspection Report, Three Areas of Concern, Seneca Army Depot, Romulus, New York.*
- Environmental Photographic Interpretation Center. n.d. Report on Imagery Analysis of SAD Air Photos.
- Environmental Products and Services, Inc. n.d. *UST Tightness Testing Results 1992, 1994, and 1995.*
- Environmental Science and Engineering, Inc. 1988a. *Update of the Initial Installation Assessment of Seneca Army Depot, New York (Draft Final).*
- . 1988b. *USATHAMA Update of the Initial Installation Assessment of Seneca Army Depot, NY (Final).*
- Galson & Galson. 1988. *ACM Assessment for the Seneca Army Depot Area 2, NDA Administration Area, Final Report.* Rochester, NY.
- Headquarters, Seneca Army Depot Activity. 1995. *Seneca Army Depot Activity Base Realignment and Closure 1995 Implementation Plan.*
- IT Corporation. 1995. *SEDA [Ash Landfill Removal] (Final Report).*
- Kittell, Gary W. 1985. Memorandum Regarding Disposal of PCP Treated Ammunition Boxes.
- Lozier. 1982. *Innovative Wetlands Wastewater Treatment Project Sampling and Analysis Report, Second Study.*

- Lyon Associates, Inc. 1981. *Phase II Analytical/Environmental Assessment Report*.
- . 1984. *Phase I Analysis of Existing Facilities/Environmental Assessment Report*.
- National Association of Corrosion Engineers. 1994. *Inspection Report on 60,000 Gallon Fuel Oil Tank*.
- New York Department of Environmental Conservation. 1991. *Inspection Report of Registered Pesticide Business/Pesticide Applicator*.
- . 1993a. *Letter Report SPDES Annual Inspection, March 9, 1993*.
- . 1993b. *Letter Report SPDES Annual Inspection, October 20, 1993*.
- . 1993c. Letter to Randy Battaglia Regarding Application for Part 60 SWM Facility for Landspreading STP Sludge.
- . 1994a. Letter From Frank T. Ricotta to Stephen M. Absolom Regarding Wastewater Discharge.
- . 1994b. *Letter Report SPDES Annual Inspection, October 12, 1994*.
- . 1995a. Letter From Kamal Gupta to Stephen M. Absolom Regarding Discharge Criteria for Ash Landfill Site.
- . 1995b. *Water Systems Operation Report*.
- Parsons Engineering Science, Inc. 1995a. *Generic Installation Remedial Investigation/ Feasibility Study (RI/FS) Work Plan, Seneca Army Depot Activity, Romulus, New York*.
- . 1995b. *Project Scoping Plan RI/FS at SEAD-12, SEDA, Romulus, NY*.

Radiological Assistance Team, Seneca Army Depot Activity. 1993. *Radioactive Materials Decommissioning Survey, Seneca Army Depot Activity.*

Sekula, Thomas E. 1993. Memorandum Regarding PCB Annual Documents.

Seneca Army Depot Activity. 1991. Part 373 Permit Application for Hazardous Waste Management Facilities.

———. 1993. Installation Records Regarding Lead-Based Paint.

———. 1994a. Letter to Wendy Stevenson, New York Department of Environmental Conservation, Regarding Petroleum Bulk Storage Inspection, October 24, 1994.

———. 1994b. Installation Records Regarding Pesticides.

———. 1995a. Letter from Randall Battaglia to NYSDEC on List of Potential Areas of Concern (rumors list).

———. 1995b. Inventory of Military Real Property as of October 19, 1995.

———. 1995c. Spills January 1991 to November 7, 1995.

———. 1996. Registered Petroleum Storage Tanks.

———. n.d. *Asbestos Management Plan.*

———. n.d. List of Air Permits.

———. n.d. Radon Survey Results.

STV/Lyon Associates. 1990. *Future Development Master Plan for Seneca Army Depot, Romulus, New York.*



- Transformer Lists and Interview with Mark Paprocki Regarding Transformer Issues. 1995.
- U.S. Army Corps of Engineers. 1989. *Investigation and Evaluation of Underground Storage Tanks*.
- U.S. Army Corps of Engineers, Huntsville. 1991. *Trial Burn Plan, Deactivation Furnace, SEDA, NY*.
- U.S. Army Environmental Center. 1994. *Air Pollution Emission Statement for Seneca Army Depot Activity, New York* (Final Report).
- U.S. Army Environmental Hygiene Agency. n.d. Pesticide Monitoring Survey No. 17-44-0240-84, Evaluation of Pesticide Distribution in Selected Components of the Environment SED, Romulus, NY, September 1981-February 1984.
- U.S. Army Materiel Command. 1994. Environmental Compliance Assessment System Review for SEDA, April 11-15, 1994.
- U.S. Army Toxic and Hazardous Materials Agency. 1980. *Installation Assessment of Seneca Army Depot, Report No. 157*.
- . 1991. *Community Relations Plan, Seneca Army Depot, Romulus, New York* (Draft).
- U.S. Environmental Protection Agency, Region II, U.S. Department of the Army, and New York State Department of Environmental Conservation. 1993. Federal Facility Agreement Under CERCLA Section 120. Docket Number: II-CERCLA-FFA-00202.



**APPENDIX A**  
**COMMENT RESPONSE PACKAGE**



**RESPONSES TO COMMENTS ON THE  
*SENECA ARMY DEPOT ACTIVITY, NEW YORK*  
*DRAFT ENVIRONMENTAL BASELINE SURVEY REPORT*  
DATED MARCH 15, 1996**



## **APPENDIX A**

### **COMMENT RESPONSE PACKAGE**

Appendix A presents the comments Woodward-Clyde Federal Services received on the *Seneca Army Depot Activity, New York, Draft Environmental Baseline Survey Report*, dated March 15, 1996, and the *Draft Final Environmental Baseline Survey Report*, dated October 30, 1996, and the responses to these comments.

The comments have been typed verbatim and may include misspellings, grammatical errors, format inconsistencies, internal agency numbering systems, etc. Each comment and response has been sequentially numbered (A-1, A-2, A-3, etc. for comments on the draft report and B-1, B-2, B-3, etc., for comments on the draft final report). This numbering system is used to reference previous comments or a response that may clarify a previously addressed issue.

The comments have been organized by agency and are separated by sections (A.1, A.2, A.3, etc. for comments on the draft report and B.1, B.2, B.3, etc., for comments on the draft final report). The comments are presented in the following order:

- Installation
- U.S. Environmental Protection Agency
- State of New York
- U.S. Army Materiel Command
- U.S. Army Environmental Center
- U.S. Army Corps of Engineers
- Other Agencies and Organizations





**A.1 RESPONSES TO INSTALLATION COMMENTS ON THE DRAFT EBS REPORT****A.1.1 RESPONSES TO SENECA ARMY DEPOT ACTIVITY COMMENTS ON THE DRAFT EBS REPORT**

**ENTITY:** Seneca Army Depot Activity

**INDIVIDUAL:** Mr. Stephen Absolom

**TITLE:** BRAC Environmental Coordinator

**DATE:** June 20, 1996

**Comment A-1:**

A marked copy of portions of the Draft EBS Report was submitted as comments.

**Response:**

These comments are either editorial in nature and/or provide additional information. Where appropriate, they have been incorporated into the Draft Final EBS Report.



**A.2 RESPONSES TO U.S. ENVIRONMENTAL PROTECTION AGENCY COMMENTS  
ON THE DRAFT EBS REPORT**

**ENTITY:** U.S. Environmental Protection Agency, Region II

**INDIVIDUAL:** Carla Struble, P.E.

**TITLE:** Federal Facilities Section

**DATE:** July 15, 1996

**Comment A-2:**

Throughout the document, when referring to BRAC parcel numbers, building numbers, tank numbers, etc. the corresponding SEAD numbers should also be given. For years we have been identifying areas at SEDA in terms of SWMUs and SEAD numbers. This enables us to refer to the SWMU Classification Report for information regarding past activities at an area.

**Response:**

SEAD numbers have been provided where applicable, as requested.

**Comment A-3:****CERFA Parcel Map - Figure 5.1**

Parcel qualifiers don't seem to be shown in all cases. Most notably Parcel 3, igloos are qualified for UXOs per Table 5.2, don't show on map. All qualified parcels listed in Table 5.2 should be included on Figure 5.1.

**Response:**

All qualified parcels and buildings have been listed on Table 5-1b in the Draft Final EBS Report. The parcels are shown on Figure 5-1 with their respective labels. The large number of buildings precludes showing all building labels on Figure 5-1. Therefore, building labels have been included in Table 5-1b and the building locations can be identified on Figure 5-1 referring to the building number. The language in the text will be clarified.

**Comment A-4:**

Seneca Lake should be labeled and the shoreline delineated on the map.

**Response:**

The map has been revised accordingly.

**Comment A-5:**

The CERFA Parcel Map should show and label Reeder Creek, Kendia Creek, Indian Creek, etc., and the 72 SEADs identified in the Solid Waste Management Unit (SWMU) Classification Report for the Seneca Army Depot Activity finalized by the Army in September 1994. To help expedite EPA's review and concurrence on real property at SEDA, an updated Plate 1-1 "Solid Waste Management Unit Locations" from the SWMU Classification Report is desirable. This map should preferably be a transparent overlay which could be placed over the CERFA Parcel Map and the LRA's Reuse Map.

**Response:**

Mapping correlation and overlays are outside the scope of work for the preparation of the EBS.

**Comment A-6:**

Category 1: the definition deviates from the CERFA definition of uncontaminated property by including property that has been used to store less than reportable quantities of hazardous substances (40 CFR 302.4) or 600 or fewer gallons of petroleum. We will consider whether or not parcels which the Army has identified as Category 1 based on this definition qualify as uncontaminated per CERFA on a case by case basis.

**Response:**

The U.S. Army considers the inclusion of less than reportable quantities of hazardous substances or 600 or fewer gallons of petroleum as being consistent with CERFA and OSWER Directive 9345.0-09, EPA 540/F-94/32, PB 94-96 3249, April 19, 1994.

**Comment A-7:**

SECTION ONE: Introduction

Page 1-4 Definitions of Terms:

Category 1: the definition deviates from the CERFA definition of uncontaminated property by including property that has been used to store less than reportable quantities of hazardous substances (40 CFR 302.4) or 600 or fewer gallons of petroleum. We will consider whether or not parcels which the Army has identified as Category 1 based on this definition qualify as uncontaminated per CERFA on a case by case basis.

**Response:**

See the response to Comment A-6.

**Comment A-8:**

Page 1-4. Suitable to Transfer definition...”subject to the non-CERCLA contamination qualifiers” needs explanation. Does this mean that these parcels are “not” suitable to transfer until contamination is addressed? If so, parcels should not be designated as suitable to transfer. Or does this mean parcels are suitable to transfer with appropriate restrictions? If so, restrictions should be explicitly specified or parcels should not be designated as suitable to transfer. Or does this mean something else?

**Response:**

The EBS report documents the presence or possible presence of LBP, ACM, pesticides, radon, PCB-containing equipment, radionuclides, and UXO and ordnance fragments as non-CERCLA environmental issues. Their presence, however, does not necessarily preclude the U.S. Army from transferring the property. Prior to transfer or lease, a Finding of Suitability to Transfer or Lease (FOST or FOSL) will be prepared to determine whether, and how, to proceed.

**Comment A-9:**

Page 1-5 Qualified Parcels definition: Explanation as to how qualified parcels may/may not be suitable to transfer is needed. See comment above regarding page 1-4.

**Response:**

See the response to Comment A-8.

**Comment A-10:**

SECTION THREE: Property Characterization

Page 3-5 Table - MAIN DEPOT MUNITIONS STORAGE: a) For each facility and igloo listed, it should be noted whether or not munitions were stored here. If so, specifically what types of munitions are/were they, for how long they were stored, whether the munitions were stored for eventual use or demilitarization, destruction and disposal, whether or not a release had occurred. b) If not, can the Army certify that no releases occurred? c) When describing the function of Facility 2202, "STR SHEN GP INS" needs to be explained.

**Response:**

- a) The requested information was not obtainable from a review of readily available documents and records. Information on the type of munitions, the length of storage, or the eventual use is not believed pertinent to the determination of the environmental condition of the property. All readily available information on past releases has been documented in the EBS report.
- b) The EBS report documented all of the known releases at SEDA.
- c) The text has been clarified as requested.

**Comment A-11:**

Page 3-5. Munitions Storage: Munitions disposal areas should be differentiated from munitions storage areas.

**Response:**

We concur. Munitions disposal areas have been added to this section.

**Comment A-12:**

Page 3-11: The term "Training Ranges" is used, but not defined. A detailed explanation should be provided as to the type to training activities that took place at each area and where they are located.

**Response:**

The text has been revised accordingly.

**Comment A-13:**

Page 3-11: A detailed explanation should be provided to describe the weapons stored at SEDA that were considered to be “Special Weapons”, e.g., type of weapons, length of storage, whether for disposal or release had occurred.

**Response:**

Due to the classified nature of the Special Weapons Mission at SEDA, detailed information is not available. General information regarding the radionuclides and general processes is being made available and has been incorporated into the Draft Final EBS Report.

**Comment A-14:**

Page 3-11: With regard to Building 373, what is meant by the “COV TRAIN AREA”?

**Response:**

This means “Covered Training Area”; the text has been revised accordingly.

**Comment A-15:**

Page 3-13 Table - SPECIAL WEAPONS AREA FACILITIES: a) For each building and igloo listed, it should be noted whether or not special weapons were stored there, If so, what types of weapons specifically are/were they, the time period for which they were stored, whether the weapons were stored for eventual use or demilitarization, destruction and disposal, whether or not a release has occurred. b) If not, the Army should certify that no releases occurred.

**Response:**

- a) See the response to Comment A-13.
- b) The records search and interviews conducted during the EBS documented all of the known releases at SEDA.

**Comment A-16:**

Page 3-22 Facility Support Activities, Hazardous Materials/Waste Management: From the descriptions in the text, almost all of areas described in this section over next few pages, with

possible exception of family housing, should not be designated Category 1. If SEDA is claiming any of these as Category 1, justification should be provided.

**Response:**

Most of these areas are not in Category 1 parcels. Those that are in Category 1 parcels involve non-CERCLA related environmental, hazard, and safety issues and have been qualified accordingly.

**Comment A-17:**

SECTION 4.3 - Sources of Potential Contamination From Adjacent or Surrounding Property: A location map should be developed to supplement this section which shows SEDA and all potential sources of contaminated described in the text and in the tables of this section. The directions of groundwater flow/groundwater elevations should also be provided. This map should be drawn to scale and preferably larger than 8-1/2 inches by 11 inches.

**Response:**

An additional figure addressing adjacent property issues has been included in Section Four. The general direction of groundwater flow has been indicated in this figure.

**Comment A-18:**

Page 4.6 Non CERCLA Related Environmental, Hazard, and Safety Issues: Need to reconcile qualified acreage with tables (e.g., Exec Sum, letter report). Qualified acreage discussed here (P 4.6 et al) and presented in tables does not match.

**Response:**

Discrepancies regarding qualified acreages have been reconciled.

**Comment A-19:**

a) Table 4.1. Explain basis for priority designations, e.g., DOD Relative Risk Model or other. b) Table includes “moderately low” designation not seen before in DOD Relative Risk Model.

**Response:**



- a) SWMU identification and classification were conducted in accordance with the decision process presented in the IAG between USACE, EPA, Region II, and NYSDEC.
- b) This designation was taken from the SWMU classification report.

**Comment A-20:**

## SECTION FIVE

Table 5-1, Table 5-2 and text: a) Are Parcels 6, 13, 14, 15, etc. missing or non-existent? b) The rationale for numbering the parcels should be explained.

**Response:**

- a) These parcels are non-existent.
- b) As a result of the mid-EBS meeting between the BEC, GPM, and Woodward-Clyde, some parcel designations were changed and some parcels were grouped with others. The parcels were not renumbered to expedite the production of the Draft EBS Report. All parcels have been renumbered sequentially without gaps for the Draft Final EBS Report.

**Comment A-21:**

Table 5-2: All qualified parcels need to be shown on Figure 5.1. See comments above.

**Response:**

See the response to Comment A-3.

**Comment A-22:**

Page 5-43: a) The discussion/ definitions of qualified parcels needs to be consistent with pages 4.6 thru 4.11, e.g., asbestos discussion should include the “A” designator for areas of known asbestos problems that have not been fully remedied, b) PCB qualified parcels should be discussed.

**Response:**

- a) We concur. Additional information has been added to Section 5.1.7.
- b) A summary of PCB qualified parcels has been added to Section Five.

**Comment A-23:**

Page 5-44: It is strongly recommended that, here and throughout the document and related tables and figures, the qualification of known or potential UXOs be further differentiated to distinguish areas of storage from areas of disposal. See comments above pertaining to Figure 5.1, page 3-3 and page 3-5.

**Response:**

We concur. Areas of munitions storage have been differentiated from munitions disposal areas throughout the document and related tables.

**Comment A-24:****Parcel 1(1)**

AP-2 AST: a) SEDA should document or otherwise demonstrate that contamination from the leaking petroleum product has not migrated to Parcel 1(1). b) What steps have been taken to repair the leaking tank and ensure that no releases will occur in the future?

**Response:**

- a) This site is off post, and no evidence was observed during the 1995 EBS records review or visual inspection of this adjacent property that any product has ever migrated to SEDA. From a groundwater flow perspective, it appears that Parcel 1(1) is in a crossgradient relationship to this source area.
- b) It is not known if any actions have been taken. It is not the U.S. Army's responsibility to implement corrective actions on adjacent property not owned by the U.S. Army.

**Comment A-25:**

AP-3 Trash Dump: SEDA should document or otherwise demonstrate that the trash did not include any hazardous substances or petroleum products and that no migration occurred.

**Response:**

See the response to Comment A-24.

**Comment A-26:****Parcel 2(1)**

a) The spill records in Appendix A are dated from the late 1980s through the 1990s. It is possible that spills have occurred since 1940 but no documentation was kept. b) A detailed history of the Airfield activities dating from SEDA's inception until the present should be provided. c) A detailed map should also be provided which labels the aircraft parking areas, outdoor service areas, wash rack, tie down areas, etc. d) During the aircraft pre-flight check, what was done with the fuel that had been visually examined and what was the Army's practice if it had been determined that the fuel was of poor quality? e) Aerial photographs which include the airfield should be provided.

**Response:**

- a) Comment noted.
- b) Additional information regarding the airfield activities has been added to Section 3.3.
- c) Additional labeling of the airfield on Figure 5-1 has been added.
- d) Information regarding the disposal of poor quality fuel has been added to Section 3.3.
- e) We respectfully decline to provide aerial photographs. The EBS format selected in consultation with the U.S. Army does not include provision of aerial photographs. Selected aerial photos were reviewed and evaluated for the EBS.

**Comment A-27:**

Parcel 65(2)PS(P)/HS(P): SEDA should prove that Parcel 2(1) has not been contaminated by migration of hazardous substances or petroleum products from this parcel.

**Response:**

Subsequent to the EBS field investigation, SEDA personnel investigated this site and found that the suspected UST was actually part of the old septic system and that the drums contained water. The drums were removed. Based on this new information, this parcel has been deleted. However, the area of the firing range remains qualified for UXO and has been designated as Category 1.

**Comment A-28:**

Section 5.1.7 Qualified Parcels: Parcel 136QX is not described in the text of this section.

**Response:**

The text has been revised to include a description of this parcel.

**Comment A-29:**

Parcel 67(6)PS/PR/HR: SEDA should document or otherwise demonstrate that Parcel 2(1) has not been contaminated by migration of hazardous substances or petroleum products from this parcel.

**Response:**

At present, the most severe contamination identified in Parcel 67(6) is associated with SEAD-4. From a groundwater flow perspective, this SWMU is located at the upgradient end of this parcel. Parcel 67(6) will be investigated as part of the ongoing investigations into SEAD-4 and through additional work at other localities identified in the EBS report. These investigations will include groundwater sampling. If groundwater contamination is discovered at SEAD-4, its extent will be modeled at that time.

**Comment A-30:**

**Parcel 3(1)**

AP-1 Seneca County Highway Department yard: SEDA should document or otherwise demonstrate that contamination from leaking petroleum product has not migrated to Parcel 3(1).

**Response:**

This site is off post, and no evidence was observed during the 1995 EBS records review or visual inspection of this adjacent property to indicate that any product has ever migrated to SEDA. Furthermore, the problems at the source area can be characterized as poor housekeeping, and although there appears to have been releases, they also appeared to be minor in extent.

**Comment A-31:**

**Parcel 4(1)**

Parcel 26(2)PS: Although there has been no “documented” release associated with these USTs and ASTs, can SEDA demonstrate that contamination from leaking petroleum product has not migrated to Parcel 4(1)?

**Response:**

Since there is no documented evidence of a release in parcel 26(2)PS, there is no basis for suspecting a migration to the adjacent Parcel 4(1).

**Comment A-32:**

APPENDIX A - Database Search Report

Any property at or adjacent to a spill, leak, release etc. with the Remedial Status: “Case Open” cannot be claimed Category 1. Additional documentation should be provided to determine the appropriate category.

**Response:**

The available information for this parcel indicates that the designation as Category 1 is appropriate. Areas including open cases will be investigated and if potential impacts to adjacent areas are identified, the issue will be addressed at that time.

**Comment A-33:**

Spill Records:

Page #15: The records show that 1700 gallons of #2 Fuel Oil leaked at the Airfield Building 2305. The records also show that the case is closed with the cleanup complete. The Army should provide documentation of the spill investigation, determination of extent of contamination to groundwater, what measures were taken to cleanup the affected media, and what criteria were used to determine that the case should be closed.

**Response:**

Additional information provided after the EBS field investigation indicated that the database information is incorrect and that this incident was the 1,900-gallon fuel oil release from the LUST at Building 138, which was the basis for Parcel 60(5)PR. The U.S. Army is still attempting to obtain records from Fort Drum regarding this incident. If the records are not found, an additional investigation will be conducted.

**Comment A-34:**

Page #17 through Page #27 lists State Record Details of Spills, Leaks and Cleanups but no locations are given. None of the property on or adjacent to these incidences should be classified by the Army as Category 1.

**Response:**

Additional research now permits the mapping of the locations of these incidents. A revised map showing all of these locations has been included in the Draft Final EBS Report. It appears that none of these locations is on or adjacent to a Category 1 parcel.

**Comment A-35:**

USTS: The majority of the tanks state that no leak monitoring system is present. What assurance can the Army provide that these tanks have not leaked? Any appropriate documentation should be provided.

**Response:**

At present, the U.S. Army is in compliance with NYSDEC regulations regarding USTs and ASTs. If any leakage is detected as tanks are removed, appropriate action will be taken at that time.

**Comment A-36:****APPENDIX D**

Potential Asbestos Hazards - For each building where asbestos is present, it is important for EPA to know the condition of the asbestos (i.e. flaking, airborne, intact, etc.). This information should be provided in this table.

**Response:**

Asbestos surveys are scheduled, and the condition of any asbestos-containing materials will be documented once the surveys are completed.

**Comment A-37:**

Page D-3 and D-4 are illegible and should be resubmitted in legible form.

**Response:**

Legible copies of these tables have been provided in the Draft Final EBS Report.

**Comment A-38:**

Potential Radionuclide Hazards - this table should be expanded to include information on what was stored (weapons for active use, for demolition, ore, etc.) and the condition of the materials stored (unserviceable, in need for repair, obsolete, etc.). In addition to the storage areas, the processes taking place in the shop, training facility, IDS/cctv section, process/condition ammo should be elaborated upon.

**Response:**

See the response to Comment A-13.

**Comment A-39:**

Potential UXO Hazards - EPA's November 8, 1995 Military Munitions Rule (page 56471) states that the Services also assign "condition codes" to ammunition. If available, this information should be provided in this table for the munitions stored in the buildings/parcels/igloos. If not available, can the Army certify that no releases occurred or provide a description of the condition of the munitions stored?

**Response:**

The Munitions Rule is not final. Furthermore, the "condition code" does not provide information regarding release. It is the U.S. Army's Safety Policy (AR 385.84) to decontaminant facilities when the potential for explosive contamination may exist. Moreover, all readily available information on past releases has been documented in the EBS report.

**Comment A-40:**

Potential Lead Based Paint Hazards - For each building where lead based paint could be present, it is important for EPA to know the condition of the paint (i.e. chipping, flaking, intact, etc.). This information should be provided in this table.

**Response:**

LBP surveys are scheduled, and the condition of any LBP will be documented once the surveys are completed.



**A.3 RESPONSES TO STATE COMMENTS ON THE DRAFT EBS REPORT****A.3.1 RESPONSES TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION COMMENTS ON THE DRAFT EBS REPORT**

**ENTITY:** New York State Department of Environmental Conservation

**INDIVIDUAL:** Kamal Gupta

**TITLE:** Bureau of Eastern Remedial Action, Division of  
Environmental Remediation

**DATE:** July 12, 1996

**General Comments****Comment A-41:**

1. Under the CERCLA program significant work of identifying waste disposal areas has been done and the results are available in the SWMU Classification Report, Site Investigation Reports and several RI/FS reports and work plans. A total of 48 Areas of Concerns (AOCs) were identified and these are listed in Table 4-1 of the EBS report, although the area encompassed by each AOC is not indicated; these AOCs also are not shown on figure 5.1 CERFA parcel map. Our review of two operable units consisting of five AOCs, Fire Training areas and Radioactive Waste sites indicate that the EBS classification has not included the entire areas of these operable units in Categories five or six. It is therefore possible that there may be other AOCs, which may have been incorrectly classified or their entire area may not have been included in the classification. In order to ensure that all areas of these sites are included in categories five, six or seven, Woodward-Clyde must show all 48 AOCs including their ground water plume on the CERFA Parcel Map and include the area of each AOC in Table 4-1 of the report.

**Response:**

We respectfully do not concur with the comment. Woodward-Clyde has made every effort to correlate existing AOCs with non-Category 1 CERFA parcels. We respectfully decline to

add the 48 AOCs on the CERFA map because we believe that this will detract from the purpose of the map, which is to show the environmental condition of property. SWMU maps are available from SEDA.

**Comment A-42:**

2. Woodward-Clyde has summarized its investigation results in section 4.0 of the report, which were used in classifying each parcel of land. We are sure that Woodward-Clyde must have taken all the precautions that it has not missed or incorrectly classified any area. But at the same time without any reference of parcel number and label to identify each area, a reviewer of this report may not be able to verify the correct classification. We therefore strongly recommend that each area which has been listed in this section and Appendices D and E should also be identified by its parcel number and label.

**Response:**

The parcel number and label have been added to the tables in Section Four and to the tables in Appendices D and E.

**Comment A-43:**

3. Sampling and Analysis Recommendations: It appears that sampling and analysis have been recommended to verify whether or not contaminations exist at certain land parcel. If so, please provide a site plan of each area including its geology and hydrogeology, locations of sampling points and criteria used for the limited analysis. The results should be used for verification only, and not for classifying category three parcels (based on reported concentration).

**Response:**

This comment will be addressed in the Final SAR Report.

**Specific Comments****Comment A-44:**

1. Section 1.4 - Limitations: In a document as significant as this, a high level of detail is appropriate.

- a) This section states that a “statistically representative number of buildings” were inspected, how was a “random sample of 10 percent” determined to be statistically representative?
- b) What method was used to assure randomness in the selection of the buildings to be inspected?
- c) The section further states that buildings were grouped by “like usage and design”. Was the 10 percent sample taken from the complete, unsorted, population of buildings at the Depot or from the like usage subsets?

**Response:**

- a) The text has been revised to state that “approximately 10 percent of the buildings were surveyed.”
- b) A computer-based generation process was used to randomly select buildings to be inspected.
- c) The 10 percent sample was drawn from each of the like usage subsets.

**Comment A-45:**

2. **Section 1.5.1 - Demographics:** It is surprising to find 1980 census data and 1990 census projections quoted in a document written in 1996. Much more recent census data are available. According to the 1990 census there were 33,683 persons residing in Seneca County. The projected population for this county in 1995 is 32,593, representing a reduction of 3.2%.

Up-to-date and comprehensive census data is available from the United States Department of Commerce Bureau of the Census homepage located at [www.census.gov](http://www.census.gov) on the Internet.

**Response:**

The 1990 census data has been incorporated into the Draft Final EBS Report.

**Comment A-46:**

3. **Section 2.1.1 - Existing Documents:** The table in this section which lists the documents reviewed by the consultants for this investigation lists the “Seneca Army Depot Activity Base Realignment and Closure 1995 Implementation Plan”, (ID #SD2037) twice.

**Response:**

The second listing of this document has been deleted.

**Comment A-47:**

4. **Section 2.1.2 - Federal, State, and Local Government Regulatory Records:** This section states that a “remedial action is pending” at the Ash Landfill. It is true that a groundwater migration control remedy has yet to be selected. However, no mention of the interim remedial measure for contaminated soils at the Ash Landfill, which was completed in June of 1995, is made. It seems appropriate to mention such a significant remedial accomplishment somewhere in this document.

**Response:**

Additional discussion has been added to Section 2.1.2 and elsewhere in the report where the Ash Landfill OU is discussed.

**Comment A-48:**

5. **Section 2.1.3 - Aerial Photographs:** It is stated that analysis of aerial photographs indicated two areas (A and B) that “warranted in-depth discussion”. This is the first and last time Areas A and B are mentioned in this document. Furthermore, no maps are included to indicate where Areas A and B are located. Please provide clarification.

**Response:**

Clarification has been provided in the Draft Final EBS Report.

**Comment A-49:****6. Section 3.2 - Installation History and Mission:**

- a) This section states that the facility now known as Seneca Army Depot once occupied 12,940 acres of land in Seneca County. It is later stated that Seneca Army Depot now encompasses 10,634 acres, but there is no explanation for the difference of 2,306 acres of land.
- b) Additionally, the 1993 Interagency Agreement notes that acreage of Seneca Army Depot to be 10,587. Please provide an explanation for these discrepancies and an accurate estimate of the current total acreage of the Depot.

**Response:**

- a) At least two documents indicate that the original acquisition was approximately 10,600 acres. This number has been used in the Draft Final EBS Report.
- b) As many as four different estimates of the size of SEDA were found in the documents reviewed. Presently, the most accurate estimate of the size of SEDA appears to be 10,634 acres. This number is taken from the 1995 *Base Realignment and Closure Plan* prepared by SEDA.

**Comment A-50:**

- 7. **Section 3.4.5 -Groundwater Monitoring Wells:** The report has made a significant error in stating that there are “twenty-nine groundwater monitoring wells” in place at Seneca Army Depot. There are approximately 40 groundwater monitoring wells in place at the Open Burning Grounds. Approximately 60 groundwater monitoring wells were installed during the investigation of the Ash Landfill. The consultant cites a 1991 Part 373 Permit Application for Hazardous Waste Management Facilities at Seneca Army Depot as the source for the count of twenty-nine monitoring wells. The consultant did not use current information in the preparation of this document.

**Response:**

We concur. An outdated source was used in preparing the section on groundwater monitoring wells. At present, over 100 monitoring wells have been installed at SEDA. The text has been revised accordingly.

**Comment A-51:**

8. **Section 4.1 - Previously Identified Sources of Potential Contamination:** As mentioned in comment number 4, the source control interim remedial measure for contaminated soils at the Ash Landfill was completed in June 1995 approximately eight months before this report was written. This section states that “an IRM is in progress to clean the source of contamination” at the Ash Landfill. Please correct this misstatement.

**Response:**

The text has been revised to clarify the current status of the Ash Landfill.

**Comment A-52:**

9. **4.2 - Potential Contamination Areas Identified During the EBS Investigation:**
- i. a) The table of Potential Contamination Areas should also include BRAC parcel Number, Label, area and location coordinates so that readers could correlate each area on a CERFA parcel map. b) Please also show these areas on a CERFA parcel map.
  - ii. As the name implies, these areas are potentially contaminated areas and therefore should be confirmed by sampling whether or not contamination exists. A review of Sampling and Analysis Recommendations does not indicate that all areas are proposed for sampling.
  - iii. Page 4-3. a) Please correct the first sentence which states “NYSDEC has compiled a list...”. This list was compiled by the Army, not by the NYSDEC. b) Further a review of Appendix E, indicate that many potential areas of concern listed in the Army’s letter of April 11, 1995 are not included in the table of Potential Contamination Areas. We don’t believe that it is sufficient to eliminate a potentially contaminated areas based on the Woodward-Clyde’s interviews of employees who **may** (emphasis added) have knowledge of past activities. Unless the Army provides

us sufficient justification, all the areas included in the Army's list should also be included in the table of Potential Contamination Areas.

- iv. A potentially contaminated area should not be released for transfer or lease until that area is found to meet all the requirements of release.

**Response:**

- i.a) The BRAC parcel number and label have been added to this table. Area and coordinates are not included since this information is in Table 5-1.
- i.b) These areas are identified as parcels on the CERFA Map, Figure 5-1.
- ii) This comment will be addressed in the Final SAR Report.
- iii.a) The text has been corrected.
- iii.b) We do not concur. It is the position of the U.S. Army that there is no longer sufficient justification to continue investigating these rumored sites as potential areas of concern. The U.S. Army believes that reasonable efforts have been expended, including interviews, records review, and visual inspections, to conclude that no additional investigation is warranted.
- iv) Comment noted.

**Section 5.1.2 - Category 2 Parcels:**

**Comment A-53:**

- 10. **Parcel Number and Label 23(2)HS:** In the discussion, it is stated that the compound STB (super topical bleach) is stored in Building 333. We are unfamiliar with STB, and could the consultant provide an explanation of the uses of this compound and a material safety data sheet.

**Response:**

STP is a concentrated bleach that is used to wash off chemical and biological contamination. This material was stored, but not used at SEDA. The U.S. Army will provide a MSDS on this substance.

**Comment A-54:**

11. **Parcel Number and Label 65(2) PS(P)/HS(P):** The text correctly designates this parcel as category 6, but figure 5-1 and the parcel label incorrectly shows it as category 2. Please correct this discrepancy.

**Response:**

See the response to Comment A-27.

**Section 5.1.3 - Category 3 Parcels:**

**Comment A-55:**

12. **Parcel Number and Label 51(3)HR:** Please correct CERFA map location for parcel 51(3)HR. It should be 23, 20 instead of 23, 2.

**Response:**

We concur. However, because of an incorrect scale used in the Draft EBS Report, all map coordinates will be different in the Draft Final EBS Report.

**Comment A-56:**

13. **Parcel Number and Label 114(3)PS/PR/HS:** It is reported that large quantities of petroleum products were spilled in this building. The extent of the impact from these spills has not been determined. We, therefore, do not agree with a category three designation. This parcel should be designated category six.

**Response:**

This facility is an auto hobby shop where only automobiles were serviced. The description of large quantities in the Draft EBS Report overstated the problem, which is better described as numerous small quantity spills. Furthermore, procedures were in place to make sure the spills were cleaned up as they occurred. When this facility was closed and the hydraulic lifts removed, sampling of interior surfaces was also conducted. This additional explanatory information further supports designation as Category 3 and has been added to the text.

**5.1.4 Category 5 Parcels:**

**Comment A-57:**



14. **Parcel Number and Label 61(5) HR:** An operable unit consisting of Sead-12A, 12-B, 48, 63 and the open area north of igloos within “Q” area has been formed and an RI/FS is in progress. Since historical information is classified, it was believed that disposal of classified equipment and waste might have taken place within the open area and, therefore, the Army included the open area into the scope of the RI/FS. The EBS classification has incorrectly classified this open area as category one, but should be changed to category six.

**Response:**

We concur. Based on information made available after the 1995 EBS field investigation, a parcel corresponding with the area covered in the proposed RI/FS workplan for SEAD-12 has been created.

**Comment A-58:**

15. **Table 5-1 - CERFA Parcel Map:** This map is difficult to read. In its black and white form the shadings of several of the different categories are indistinguishable from each other. Perhaps hatch marks would aid in distinguishing the various categories.

**Response:**

A color coded CERFA map was provided after the initial release of the Draft EBS Report and will also be included with the Draft Final EBS Report.

**Section 5.1.5 - Category 6 Parcels:**

**Comment A-59:**

16. **Parcel Number and Label 66(6)PR:** It is reported that a spill of fuel oil occurred in this area, but there are no records to indicate that the spill was completely cleaned. No information is available indicating whether or not the fuel oil has migrated to the groundwater. In the absence of any information, the groundwater flow direction should be determined and the parcel of land which is downgradient to the spill area should also be classified as category six.

**Response:**

We do not concur. At present there is no evidence that the groundwater has been impacted by this spill. Groundwater will be investigated as part of the planned remedial activities at this parcel. If groundwater contamination is detected, then the issue of migration will be addressed.

**Comment A-60:**

17. **Parcel Number and Label 90(6) HR:** It appears that the boundaries of this parcel are limited to the area covered by the fire training pad. Since groundwater is impacted by BTEX and chlorinated solvents, the boundaries of this parcel should also include the area occupied by the groundwater plume.

**Response:**

Based on information made available after the EBS field investigation, we concur with this comment. The parcel has been expanded to correspond with the boundaries as shown in the *RI/FS Workplan* for this SWMU.

**Comment A-61:**

18. **Appendix D, Table - Potential Radionuclide Hazards at Seneca Army Depot:**
- a) Two storage igloo, B0709 and C0308, are listed in this table but do not appear on the map in Figure 5-1.
  - b) Storage igloo E0312 is listed twice in this table.
  - c) Furthermore, the SEAD-48 pitchblende storage igloos (E0802-E8011) which has already been determined to be impacted by radionuclide contamination are not included in this table. Please correct these errors.

**Response:**

- a) Figure 5-1 has been corrected to show storage igloos B0709 and C0308.
- b) The second listing of this igloo has been deleted.
- c) All of Parcel 57(5), including these igloos, has been qualified for radionuclides.

**A.4 RESPONSES TO U.S. ARMY MATERIEL COMMAND COMMENTS ON THE  
DRAFT EBS REPORT**

The U.S. Army Materiel Command did not comment on the Draft EBS Report.



**A.5 RESPONSES TO U.S. ARMY ENVIRONMENTAL CENTER COMMENTS ON THE DRAFT EBS**

**ENTITY:** U.S. Army Environmental Center

**INDIVIDUAL:** John P. Buck

**DATE:** July 3, 1996

General Comments:

**Comment A-62:**

Enclosure 1 is a memorandum from the AMC Legal Office describing the requirements for hazardous waste storage notification under CERCLA 120(h). In order to expedite any real estate transactions, recommend that tables described in the memorandum be an appendix to the EBS.

**Response:**

This memorandum was not included with the copy of these comments provided to Woodward-Clyde. The installation will decide on whether to include the referenced tables or not.

Specific Comments:

**Comment A-63:**

1. Page 1-2, Sect. 1.2, 1st para.

EBS also calls for a tour of adjacent properties if possible as well as interviews with current and former employees. Include these in the list of activities.

**Response:**

We concur. This information has been added to the text.

**Comment A-64:**

2. Page 1-6, Section 1.4, 1st para.

Recommend deleting first sentence. Remaining portion of the paragraph is a sufficient disclaimer.

**Response:**

The sentence has been deleted.

**Comment A-65:**

3. Page 3-22, Section 3.4.1, last para.

Could not find Section 5.1.2.1 referenced in the last sentence. This section is referenced frequently.

**Response:**

The appropriate section is 4.1. All references to Section 5.1.2.1 have been changed to Section 4.1 in the Draft Final EBS Report.

**Comment A-66:**

4. Page 3-26, Section 3.4.4, 1st para.

If available, testing results of the water supply would be appropriate.

**Response:**

This information was not readily available during the records review.

**Comment A-67:**

5. Page 4-2, Section 4.2

It is unclear how the sites listed in this table are addressed in the parcel map. It would be appropriate to identify with an additional column how these sites were characterized.

**Response:**

We concur. This information has been added to the table.

**Comment A-68:**

6. Page 4-7, Section 4.4.1.3

The second sentence states “...(either suspected in the surveyor not surveyed and constructed prior to 1985)..” this sentence implies that no asbestos containing material could be present in post 1984 construction. Unless there are specific building design documents confirming this statement, it is unclear how this assumption can be made. Please clarify statement.

**Response:**

The BRAC 95 EBS/BCP guidance states, “If no survey data is available, buildings which were constructed prior to 1985 are assumed as containing asbestos. An ‘A(P)’ for possible presence of asbestos will be used in the qualified parcel designation.”

**Comment A-69:**

7. Page 4-11, section 4.4.7

The last sentence states that no designation was given to non-CERCLA herbicide/pesticide areas at Seneca, specifically Bldg. 606. Since Building 606 was used to store pesticides it should be placed in either Category 1 or 2 depending on the time of storage, presuming there has been no release. Only the application of pesticides on the ground according to FIFRA specifications exempts pesticides/herbicides from CERFA category designations.

**Response:**

This building is included in Parcel 74(6)PS/HS/HR. The designation referred to is in regard to qualifiers. This section has been clarified in the Draft Final EBS Report.

**Comment A-70:**

8. Page 5-2, Section 5.1.1, BRAC Parcel 4(1)

Due to the small size of this parcel recommend combining it with the surrounding Parcel 26(2)PS for simplicity.

**Response:**

At the request of the BEC, this small parcel has been retained.

**Comment A-71:**

9. Page 5-3, Section 5.1.2, BRAC Parcel 5(2)PS/HS

It would appear that most of this parcel could be designated as Category 1 based on the size of the USTs (less than 600 gallons) with only selected sites being Category 2.

**Response:**

The cumulative effect of many small USTs concentrated in this area leads to a designation of the entire area as Category 2.

**Comment A-72:**

10. Page 5-4, Section 5.1.2, BRAC Parcel 8(2)PS

BRAC Parcel 8(2) is at map coordinate 23,8 not 22,8. Discrepancies at other sites were also noted. Recommend checking all parcels for proper map designations.

**Response:**

The map coordinates for this parcel have been changed. Other coordinates have also been checked. Also see the response to Comment A-55.

**Comment A-73:**

11. Page 5-8, Section 5.1.5,m BRAC Parcel 26(2)PS

It would appear that most of this parcel could be designated as Category 1 based on the size of the USTs (less than 600 gallons) with only selected sites being Category 2.

**Response:**

The cumulative effect of many small USTs concentrated in this area leads to a designation of the entire area as Category 2.

**Comment A-74:**

12. Page 5-14, Section 5.1.2, BRAC Parcel 65(2)PS(P)/HS(P)

It is unclear what category this parcel should fall into since there is a reference to a potential release and the last sentence indicates its a Category 6 yet it is labeled Category 2.

Recommend confirming the parcel designation.

**Response:**

See the response to Comment A-27.



**Comment A-75:**

13. Page 5-15, Section 5.1.3, BRAC Parcel 52(3)HS/HR

Recommend this parcel be Category 4 due to the remediation that had taken place.

**Response:**

We do not concur. Other than mopping up of small quantities of spilled materials that were contained within shipping containers, no remediation has taken place or appears to have been required.

**Comment A-76:**

14. Page 5-16, Section 5.1.4, BRAC Parcel 55(5)PR(P)/HR

Recommend this parcel be Category 6 since no removal or remedial actions have been conducted.

**Response:**

We concur. This parcel has been changed to Category 6.

**Comment A-77:**

15. Page 5-28, Section 5.1.5., BRAC Parcel 87(6)HS/HR(P)

This comment refers to this parcel and any other parcel where there was a reference to the USATHAMA study which concluded that the uncovered ore could migrate into the environment through air disposal of dust or through particulate transport of surface water runoff. Since there has been no study to determine whether or not this transport has occurred at Seneca, it would appear these parcels should be designated Category 7, not Category 6. Category 6 implies that cleanup is required yet this cleanup requirement has not yet been demonstrated.

**Response:**

We do not concur. At a minimum, the cleanup required is removal of the ores, as they are a potential source of contamination. This information has been added to the text.

**Comment A-78:**

16. Page 5-29, Section 5.1.5, BRAC Parcel 91(6)HS(P)/HR(P)

It would appear these parcels should be designated Category 7, not Category 6. Category 6 implies that cleanup is required yet this cleanup requirement has not yet been demonstrated.

**Response:**

We concur. This parcel has been changed to Category 7.

**Comment A-79:**

17. Page 5-33, Section 5.1.5, BRAC Parcel 104(6)HS/HR(P)

It would appear these parcels should be designated Category 7, not Category 6. Category 6 implies that cleanup is required yet this cleanup requirement has not yet been demonstrated.

**Response:**

Limited sampling conducted at this location detected pesticide compounds in soil above NYSDEC TAGM values. This information has been added to the Draft Final EBS Report.

**Comment A-80:**

18. Page 3-43, Section 5.1.7, first bullet

See Comment # 6.

**Response:**

See the response to Comment A-68.

**A.6 RESPONSES TO U.S. ARMY CORPS OF ENGINEERS COMMENTS ON THE  
DRAFT EBS REPORT**

The U.S. Army Corps of Engineers did not comment on the Draft EBS Report.



**A.7 RESPONSES TO OTHER COMMENTS ON THE DRAFT EBS REPORT****A.7.1 RESPONSES TO PARSONS ENGINEERING SCIENCE, INC. COMMENTS ON THE DRAFT EBS REPORT**

**ENTITY:** Parsons Engineering Science, Inc.

**INDIVIDUAL:** Michael Duchesneau, P.E.

**TITLE:** Project Manager

**DATE:** May 2, 1996

## General Comments

**Comment A-81:**

a) This EBS report reflects a lack of familiarity with the Seneca Army Depot Activity (SEDA) particularly in regard to the status of SWMUs, the current boundaries of the sites, and other relevant details of the planned RI/FS investigations. b) Of particular concern is the inclusion of areas of SEAD-12 in BRAC Parcel 3(1), which is a Category 1 parcel. SEAD-12 encompasses most of the former Special Weapons area and is scheduled for a RI/FS. The EBS report proposes sampling to be conducted in several buildings which are within SEAD-12 and have already been scheduled for sampling in the Project Scoping Plan for a CERCLA RI/FS at SEAD-12. The EBS report developed parcels that are a combination of SWMUs, which are scheduled for a RI/FS, and sites, which do not require further investigation. c) In addition, the boundaries of SEAD-4, SEAD-16, SEAD-45, SEAD-57, SEAD-64D, and the Ash Landfill are incorrectly shown on Figure 5-1. d) It appears that portions of these SWMUs are classified as part of BRAC Parcel 3(1) and the boundaries of these SWMUs have been extended or reduced without explanation.

**Response:**

- a) Comment noted.
- b) See the response to Comment A-57.

c) SWMU boundaries are not shown in Figure 5-1; parcel boundaries are shown. Some parcels have combined SWMUs for simplicity in identifying the environmental condition of a property type.

d) SWMU boundaries have not been changed since Woodward-Clyde was not tasked to do so. Some areas that contain SWMUs have been combined with additional areas of concern that were not previously identified.

**Comment A-82:**

Currently, six facilities on SEDA are operating as RCRA TSD facilities under the interim status provisions of RCRA. Interim status allows a facility to operate as a TSD facility while the RCRA Part B permit application process is ongoing. These facilities include Buildings 301, 307, 367, and 803, the Open Detonation (OD) grounds, and the Open Burning (OB) grounds. SEDA completed Part A of the RCRA permit application and is pursuing a Part B RCRA Permit for these facilities which is currently under review by the RCRA branch of NYSDEC. The final attachment of the Part B Permit is the operation of the OB and OD grounds. These facilities are regulated by Subpart X of RCRA as a miscellaneous unit. RCRA closure and post-closure requirements apply to all hazardous waste management units that have interim status or a permit pursuant to Part B. Therefore, these facilities are required to meet EPA and NYSDEC closure and post-closure requirements and should be classified as Category 7 parcels pending completion of the closure activities.

**Response:**

We do not concur. Completion of all investigation or closure activities at a parcel is not necessary in order to classify that parcel as a category other than 7. When classifying a parcel, the determining factor is whether or not sufficient information exists to determine the appropriate category. In most cases, the appropriate category can be determined based on a much more limited data set than is required for closure or for completion of an RI.

**Comment A-83:**

The U.S. Army commissioned the “Solid Waste Management Unit Classification Report” for SEDA to evaluate the effects of past solid waste management practices at identified SWMUs on the facility and to classify each SWMU as either a No Action SWMU or as an area of concern (AOC). AOCs include both SWMUs where releases of hazardous substances may have occurred and locations where there has been a threat of a release into the environment of a hazard substance or constituent. In accordance with the decision process outlined in the Interagency Agreement (IAG), ESIs were performed at SWMUs that were classified as AOCs. If the conclusion of the ESI report was that an AOC posed a threat to human health, welfare, or the environment, the Army could perform a removal action to eliminate the threat or conduct further investigations at these sites to determine the extent of contamination and to develop remedial actions based on the results of the investigations. All SWMUs and AOCs requiring further investigations including a RCRA facility investigation, mini-risk assessment, or limited sampling should be classified as Category 7 parcels.

**Response:**

See the response to Comment A-82.

**Comment A-84:**

Identification and classification of SWMUs was conducted by the Army in accordance with the decision process outlined in the IAG between the U.S. Army Corps of Engineers (USACE), the U.S. Environmental Protection Agency (EPA), Region II, and the New York State Department of Environmental Conservation (NYSDEC). The EPA and NYSDEC reviewed the proposed list of SWMUs, their classifications, and all relevant data and information used to make this determination, and determined whether the proposed classifications were correct. Reference in the EBS report to Engineering Science determining the classification of the SWMUs should be removed.

**Response:**

The appropriate language for SWMU classification has been incorporated into the Draft Final EBS Report. References to Engineering Science classifying the SWMUs have been deleted.

**Comment A-85:**

The site maps for this report are inadequate. The only site plan which is presented in the first four sections in Figure 3-1 which shows minimal details of the site. Buildings and areas are presented in the text and their locations referenced to areas of the Depot which have not been described or shown on a sitewide map. It would also be very useful to have additional maps showing areas of the Depot which can be used in conjunction with the description in the text.

**Response:**

A detailed site map has been included in this section of the Draft Final EBS Report.

**Comment A-86:**

In Section 5, the location of parcels was described in reference to areas of SEDA, however, the location of these areas on the depot were not described or presented on a site plan. The areas include the Duck Pond Area, Elliot Housing, Main Depot, IPE Area, Warehouse Area, Ammo Area, 50 Area, and Colonels Row. According to site personnel, the main areas of the depot include the Ammunition Area which is the fenced area in the central portion of the depot; the North Depot Area which includes the former Special Weapons Areas (or Q) and the North Administration Area; and the Administration Area, which is located on the western portion of SEDA near the Main Gate.

**Response:**

The six main areas identified in Section Three are taken from the *Future Development Plan* and are based on function and depot history. Since the Master Plan addresses land use issues and because the ultimate goal of the BRAC program is efficient reuse, the use of these six areas is appropriate. Additional areas within these six main areas have been described in Section Three and added to Figure 3-1.

**Comment A-87:**

It appears that areas of the site are referred to by different designations within the text. This is confusing particularly in Section 5 which presents the parcels and their corresponding category. For example, the area in the northern portion of the site was referred to as the North Depot Area, North Storage Activity, North Depot Area, and the North Administration Area.



**Response:**

Inconsistencies such as these have been rectified.

**Comment A-88:**

Regarding the general organization of the report, it is confusing to have some tables at the end of a section and other tables embedded within the text without table numbers. Either all tables should be at the end or incorporated into the text.

**Response:**

Comment noted. Tables that are essential to the text and facilitate presentation of essential information have been included within the text. Tables that support information presented in the text or are multiple pages in length are included after a section.

**Section 1****Comment A-89:**

#1 Page 1-3. Section 1.3 Definitions of Terms

The definition of hazardous substances should be expanded. Hazardous substance is defined as in CERCLA with the addition of fuels and other petroleum products. The definition includes Clean Water pollutants, RCRA hazardous wastes, Clean Air Act hazardous air pollutants, Toxic Substances Control Act imminently hazardous substances, and any other substances designated as hazardous under CERCLA Section 102.

**Response:**

This section of the EBS report points the reader to the appropriate regulations defining hazardous substances. The definition used here is from scope and guidance documents provided by the U.S. Army.

**Comment A-90:**

#2 Page 1-7. Section 1.5.2 Physical Setting

The text states that the Seneca Army Depot Activity is an active military facility. Since the depot has been included on the BRAC95 list, this statement should be qualified by stating that the primary mission of SEDA is closure under BRAC95.

**Response:**

We do not concur. Closure as the primary mission is stated on page 3-2 where other aspects of the mission of SEDA are also described.

**Section 2****Comment A-91:**

#3 Section 2.1.1 Existing Document

The document identification number is not referenced in the CERFA map table (Table 5-1) as stated. Also, Table 5-1 presents the BRAC Parcel descriptions.

**Response:**

Document reference numbers have been added to Table 5-1a.

**Comment A-92:**

#4 Page 2-2 Table

The correct title for document number SD2013 is Expanded Site Inspection Report , Seven High Priority Areas of Concern, Seneca Army Depot, Romulus, New York.

**Response:**

The title in the Draft EBS Report is as it appears on the title page of the document in question.

**Comment A-93:**

#5 Page 2-2 Table

The correct title for document number SD2014 is Expanded Site Inspection Report , Three Moderate Priority Areas of Concern, Seneca Army Depot, Romulus, New York.

**Response:**

The title in the Draft EBS Report is as it appears on the title page of the document in question.

**Comment A-94:**

#6 Page 2-2 Table

The correct title for document number SD2015 is Expanded Site Inspection Report , Eight Moderately Low Priority Areas of Concern, Seneca Army Depot, Romulus, New York.

**Response:**

The title in the Draft EBS Report is as it appears on the title page of the document in question.

**Comment A-95:**

#7 Page 2-3 Table

Document number SD2037 is listed twice in the table.

**Response:**

The second reference to this document has been deleted.

**Comment A-96:**

#8 Page 2-3. Section 2.1.2 Federal, State, and Local Government Regulatory Records

Were any local records such as local fire department records reviewed concerning spills?

**Response:**

Inquiries were made regarding the availability of local records. There were none available.

**Comment A-97:**

#9 Page 2-6. Spill List

One spill case appear as to be open, however the facility is unknown. Can more information be obtained regarding this spill?

**Response:**

Additional information provided by SEDA with their comments in the Draft EBS Report indicates that this spill is associated with Buildings 2134. This information has been added to this table.

**Comment A-98:**

#10 Page 2-7 Leaking Underground Storage Tanks List

One case appears to be open at Building 2305. Will any further investigation be conducted? BRAC Parcel 8(2) is the 1000 gal. tank associated with this building.

**Response:**

Based on additional information provided by SEDA after the EBS field investigation, the building associated with this LUST is actually Building S-311, which is located within Parcel 94(6).

**Comment A-99:**

#11 Page 2-7. Section 2.1.2. Federal, State, and Local Government Regulatory Records

The definition of a Class One violation should be added to the text.

**Response:**

We do not concur. A Class One violation involves a release that poses a threat to human health and safety. Since SEDA has not been cited for this type of violation, we do not see any reason for including this information.

**Comment A-100:**

- #12 Page 2-7. Section 2.1.2. Federal, State, and Local Government Regulatory Records  
The text states that there are outstanding compliance issues involving TSD-closure and post-closure requirements. This should be discussed in more detail either here or later on in the text.

**Response:**

Additional discussion of this has been added to this section.

**Comment A-101:**

- #13 Page 2-12. Section 2.1.6 Visual Inspections  
Paragraph 3  
Although the area surrounding SEDA is generally populated farmland, there are areas adjacent to the site where the population density is slightly higher. These include residences on the western boundary of SEDA along Route 96A and Romulus Village on the eastern boundary of SEDA. More specifically, records show that approximately 11 residences in the town of Varick are located adjacent to the northwestern border of SEDA.

**Response:**

Comment noted.

**Section 3****Comment A-102:**

- #14 Page 3-2. Section 3.3 Description of Facilities  
a) This section of the report should be expanded to include a more detailed site description. Subsequent sections of the report discuss the location of parcels in reference to an area of the depot, however some of these areas were not described or shown on a site map. For example, the Ammunition Storage Area, which is located in the central portion of the depot, and the duck pond, which is located in the northwest corner of the depot, were not described or located on the SEDA map. Because of the large size of the depot, it may be useful to add a description of the

depot by area and discuss the activities and types of buildings which are located in each area. A more complete description of the depot early in the report would make the description of the parcels and their locations more meaningful.

b) Furthermore, areas of the depot are referenced by different titles in various sections of the text. In particular, the North Depot Area is also called the North Depot Activity. According the SEDA personnel, this area is referred to as the North Depot Area and includes the North Administrative Area and the former Special Weapons Area, or the Q.

c) The area referred to as the South Depot Area in this report is designated as the Administrative area according to SEDA personnel. This area includes administrative buildings, Elliot Acres housing, warehouses, and support buildings. This is also the location of the Main Gate.

d) Figure 3-1 should be revised to show all the areas described in the text and to indicate the proper designation for each area.

**Response:**

- a) We do not concur. The description of the depot by area and associated activities and buildings is provided in Section 3.3.1.
- b) Inconsistencies will be rectified.
- c) Inconsistencies will be rectified.
- d) Additional areas has been added to this map, where appropriate.

**Comment A-103:**

#15 Page 3-5. Section 3.3.1 Mission Related Activities

a) This section is confusing to read. The text under the section titled, Munitions Storage, which begins with “Seneca Army Depot Activity has been used for ....” should be moved to Section 3.3.1 and used as an introduction to Section 3.3.1.1.

b) The term Main Depot Area seems to include a large area of the depot. The list of munitions storage facilities which are located within the Main Depot Area could be located anywhere within the depot. It is difficult to determine in what areas of the facility the buildings, sheds, and igloos may be located.

**Response:**

- a) Comment noted. This section has been revised to differentiate munitions storage from munitions disposal activities.
- b) Comment noted.

**Comment A-104:**

#16 Page 3-5. Section 3.3.1.1 Main Depot Area

Munitions disposal activities were also carried out in other facilities on the depot in addition to the OB/OD grounds such as the Munitions Washout Facility.

**Response:**

See the response to Comment A-103a.

**Comment A-105:**

#17 Page 3-5 Table-Main Depot Munitions Storage

- a) The function for facility 2086 has been capitalized and abbreviated. There should be a footnote stating the reason for highlighting this facility.
- b) Generally, it would also be more informative if abbreviations were not used. For example, facility 2202 appears later in the table with the abbreviated function, STR SHEN GP INS. Tables which appear later in the text also have these abbreviations and capitalizations. These tables should also be revised.

**Response:**

- a) This facility was not intended to be highlighted. The description was taken verbatim from SEDA's real property inventory listing. Abbreviations have been spelled out in the Draft Final EBS Report.
- b) Abbreviations have been spelled out in Draft Final EBS Report.

**Comment A-106:**

#18 Page 3-7. Table-General Purpose Storage Facilities

What does STORAGE GP INST., STORAGE GP DEP/STD., AMMO STRS DEP/STORAGE, and CONT HUM WH DEP/WAREHOUSE mean?

**Response:**

Abbreviations have been spelled out in the Draft Final EBS Report.

**Comment A-107:**

#19 Page 3-8. Industrial Operations

- a) The first sentence of the section states that industrial activities have included the restoration of conventional and guided missile ammunition, maintenance, and demilitarization of ammunition. It is unclear what type of general maintenance was conducted. Does this relate to munitions or to support facilities or both?
- b) The types of effluents and their migration pathways from these activities will vary depending on the type of industrial operation. For example, general maintenance activities would not have explosives and certain heavy metals associated with explosives. Therefore, the discussion of effluents should be separated according to the type of industrial operation.
- c) It is unclear in the following paragraphs where demilitarization is conducted. Is it part of the ammunitions restoration list on page 3-9?
- d) The Burning Ground is referred to as the Open Burning Ground. This should be changed in the text.
- e) Are the self-contained degreasing units disposed of by the contractor off-site?

**Response:**

- a) The maintenance referred to here is munitions maintenance. The sentence has been revised for clarity.
- b) We do not concur that the effluents need to be separated in this section of the EBS report. The intent of this section is to provide a general discussion of the activities at SEDA that could lead to environmental concerns.
- c) This section has been clarified.
- d) The text has been revised accordingly.
- e) Yes. This information has been added to the text.

**Comment A-108:**



#20 Page 3-9. Main Depot Munitions Restoration Facilities Table

The area of the facility for Building 2109 is not listed.

**Response:**

Additional research by SEDA personnel into the real estate records was unable to confirm that this facility exists. Reference to it has been deleted.

**Comment A-109:**

#21 Page 3-10

Where is the IPE Area? This should be presented earlier in report.

**Response:**

See the response to Comment A-86.

**Comment A-110:**

#22 Page 3-11 Industrial Plant Equipment Area Facilities Table

Indicate what STORAGE GP DEP means.

**Response:**

See the response to Comment A-105b.

**Comment A-111:**

#23 Page 3-10. Administration

a) It is unclear whether Main Depot administration activities are carried out in one area or the North Depot Area and the Administrative Area. b) Also, why is Flammable Storage included under Administration? Either create another category, or add more discussion as to what is considered to be an administration activity.

**Response:**

- a) Comment noted. The text has been clarified.
- b) For clarity, an additional discussion has been provided.

**Comment A-112:**

#24 Page 3-11. Training Ranges

a) In the table, what does COV TRAIN. AREA mean? b) If building 373 contains 1052 square feet, where are the remaining 899.98 acres associated with training ranges.

**Response:**

a) See the response to Comment A-105b.

b) The remaining acres used for training are located at various places around SEDA. Additional discussion of these training areas have been added to the text, as well as the statement that training was discontinued on July 31, 1996.

**Comment A-113:**

#25 Page 3-11. Table-North Depot Area Facilities

What do ACS CTR and HHC mean? The remaining abbreviations should also be spelled out.

**Response:**

See the response to Comment A-105b.

**Comment A-114:**

#26 Page 3-11. North Depot and Special Weapons Areas

Is there a difference between the North Depot Activity mentioned on page 3-1, the North Storage Activity, and the North Depot Area?

**Response:**

The North Depot Activity is the original name for the area referred to in the Draft EBS Report as the North Depot Area. The reference to North Storage Activity on page 3-11 has been changed to read North Depot Activity.

**Comment A-115:**

#27 Page 3-14. Section 3.3.1.3 South Depot Area

A map of the South Depot Area would be helpful.

**Response:**

Comment noted. This area is illustrated on the CERFA map, Figure 5-1.

**Comment A-116:**

#28 Page 3-17 Section 3.3.1.4 Airfield

A map of the area would be helpful.

**Response:**

Comment noted. This area is illustrated on the CERFA map, Figure 5-1.

**Comment A-117:**

#29 Page 3-18 Table-Airfield Area Facilities

What does MG TRANS RG stand for? Spell out all function terms.

**Response:**

See the response to Comment 105b.

**Comment A-118:**

#30 Page 3-21 Section 3.3.2 Tenant Missions

Add a description of the location of the LORAN-C station and the Defense Reutilization and Marketing Office holding area.

**Response:**

The locations of these areas have been described in the text.

**Comment A-119:**

#31 Page 3-22 Section 3.4.1 Hazardous Materials/Waste Management

a) In the second paragraph, the Building number should be 307. b) A description of the general location of all the facilities discussed in this section would be useful.

**Response:**

a) We concur. This change has been made.

b) We do not concur. Building locations can be found on the tables presented in Section 3.3.

**Comment A-120:**

#32 Page 3-22 Section 3.4.1 Hazardous Materials/Waste Management

The discussion of ordnance detonation and burning activities should describe the status of the RCRA permit and required closure activities associated with the permit.

**Response:**

Comment noted.

**Comment A-121:**

#33 Page 3-23 3.4.1 Hazardous Materials/Waste Management

Building 803 is located in the former Special Weapons area. The location of this building should be added to the text.

**Response:**

We do not concur. Building locations can be found on the tables presented in Section 3.3.

**Comment A-122:**

#34 Page 3-23. Section 3.4.1 Hazardous Materials/Waste Management

The USATHAMA report, Update of the Initial Installation Assessment of Seneca Army Depot, NY (August 1988) presents a list of the types of ore piles as well as a figure locating the ore piles.

**Response:**

Comment noted. Additional ores have been added to the section.

**Comment A-123:**

#35 Page 3-24. Section 3.4.1 Hazardous Materials/Waste Management

a) In the last paragraph on this page, a “single operable unit” is described as being a composite of five SWMUs. For clarity, this area should be designated in the text as Ash Landfill because a RI/FS has been conducted at the Ash Landfill and several reports have been issued concerning this area designated as the Ash Landfill.

b) Where is Building 2203? Throughout the text, the location of SEAD-64D is described as being west of Building 2203, however, this structure is not shown on Figure 5-1. It would be clearer to have a site location map for these sites.

**Response:**

- a) We concur. The text has been changed to indicate that this OU is referred to as the Ash Landfill.
- b) The location information regarding this SWMU was taken from the *Solid Waste Management Classification Study* prepared by Engineering Science. Building 2203 appears to be a loading platform located along the North-South Baseline Road. This facility has been labeled on Figure 5-1 in the Draft Final EBS Report.

**Comment A-124:**

#36 Page 3-25. Section 3.4.1 Hazardous Materials/Waste Management

- a) It may be more appropriate to have the description of the Ash Landfill in Section 3.4.2 Solid Waste/Landfill Management.
- b) There are several disposal areas located on SEDA which are not discussed in the text. For example, SEADs 64A, B, and C were used as garbage disposal areas in the past, and SEAD-11 was a construction debris landfill which was used between 1946 and 1949.

**Response:**

- a) We concur. Discussion of the Ash Landfill has been moved to Section 3.4.2.
- b) Discussion of additional disposal areas has been added to the text.

**Comment A-125:**

#37 Page 3-26. Section 3.4.5 Groundwater Monitoring Wells

- a) The text states that 29 groundwater monitoring wells are in place at SEDA. This is incorrect. Groundwater monitoring wells have been installed as part of the ESI and RI field programs at approximately 25 sites on the Depot.
- b) Reference in the text to the old landfill is confusing because there is more than one old landfill on the Depot.

**Response:**

- a) The text has been changed to indicate that over 100 groundwater monitoring wells have been installed at SEDA.
- b) The text has been changed to indicate that 47 monitoring wells are in place at the Ash Landfill.

**Comment A-126:**

#38 Page 3-27. Section 3.4.7 Sewage Treatment

The text refers to the South Administration and Warehouse area. This has not been described before in the report. Does this refer to the South Depot Area? These areas should be described and shown on a site map earlier in the report or the designations should be consistent.

**Response:**

See the response to Comment A-86.

**Comment A-127:**

#39 Page 3-28. Section 3.4.12 On-Site Housing

The text refers to on-post housing at the North End. It is unclear where this area is located on the Depot. Should this be the North Depot area?

**Response:**

We concur. This should be the North Depot Area. The text has been revised accordingly.

**Comment A-128:**

#40 Figure 3-1

- a) This figure is inadequate to support the text. The site plan should be larger to show more details of the site which are discussed in the text.
- b) A legend should be added to this figure to describe the designation, AP-1, and the boundary lines.
- c) It is unclear what is the SEDA boundary line and what are sections of the depot because the same line type is used. It would be more appropriate to use different line types to distinguish between the areas within the depot and the depot boundary.

d) Each area of the site which is referenced in the text should be shown on this figure. For example, the following areas are presented in the text but are not shown on a site plan: the Duck Pond, the OB/OD grounds, the Property Disposal Yard, the IPE area, the Ash Landfill.

**Response:**

- a) We concur. This figure has been revised for the Draft Final EBS Report.
- b) We concur. A legend has been added to this figure.
- c) We concur. A different line type has been used to distinguish the SEDA boundary from the area boundaries.
- d) See the response to Comment A-86.

**Section 4**

**Comment A-129:**

#41 Page 4-2. Section 4.2 Table-Potential Contamination Areas

Areas presented in the table are unclear. For example, what area is included in the Main Depot area and where is the Ammo Area? The locations of the facilities described as “undeveloped area near shale pit” and the “50 Area” are not presented on a site map.

**Response:**

Areas presented in this table have been revised to correspond with those shown in Figure 3-1.

**Comment A-130:**

#42 Page 4-3. Section 4.3 Sources of Potential Contamination from Adjacent or Surrounding Property

Were local fire departments contacted for records of response to incidents on adjacent properties relating to actual or potential spills or releases of hazardous substances including fuels?

**Response:**

See the response to Comment A-96.

**Comment A-131:**

#43 Page 4-7. Section 4.4.2 Lead-Based Paint

Where and what is “Colonels Row”? This area should have been described earlier in the report.

**Response:**

See the response to Comment A-86.

**Comment A-132:**

#44 Page 4-8. Section 4.4.3 Polychlorinated Biphenyls

a) The location of Building No. 301 would be useful. b) Building 301 is a RCRA storage facility and will require closure. This should also be mentioned in the text.

**Response:**

- a) A description of the location of Building 301 has been added to the text.
- b) The statement that Building 301 is a RCRA storage facility requiring closure has been added to the text.

**Comment A-133:**

#45 Page 4-9. Section 4.4.4.1 Designation of Buildings

It should be stated that there are no federal or state standards regulating radon exposure at the present time. The 4 pCi/L level is a USEPA recommended mitigation level.

**Response:**

Comment noted. The text has been revised accordingly.



**Comment A-134:**

#46 Page 4-11. Section 4.5 Reserve Enclaves

- a) Buildings 339, 347, 348, 350, and 356 were not listed in the table in Section 3.4 which presented warehouses known to contain hazardous materials.
- b) Is it possible to list or briefly describe the 36 areas of known environmental contamination or to describe them. c) Does this include the Loran Station?

**Response:**

- a) The warehouses discussed in this section have been selected by the U.S. Army for the future storage of hazardous materials because they are clustered close together. This proposed usage does not necessarily reflect the past or present usage. Evidence was not found that these buildings were ever used for hazardous storage; therefore, they should not be included in the table in Section 3.4.
- b) The 36 acres of known environmental contamination are discussed in the *BRAC Implementation Plan* and are related to the previously identified SWMUs. These will not be described in depth in this section because the SWMUs are discussed in Section 4.1.
- c) Although it will be retained by the U.S. government, the LORAN-C station will be transferred from the U.S. Army to the U.S. Coast Guard.

**Section 5****Comment A-135:**

#47 Section 5 General Comments

- a) Building 301, the PCB storage building which is one of the RCRA TSD facilities on SEDA operating under interim status, is not listed as a parcel but seems to be included in the BRAC Parcel 3(1), which is a Category 1 parcel. b) As part of the RCRA permit, proper closure must be conducted at this facility and therefore, the building should be classified as a Category 7 parcel pending completion of closure activities.
- c) BRAC Parcels 6, 13, 14, 15, 54, 63, 119, 126, and 127 are not listed in any of the tables or discussed in the text. If these parcels were eliminated and included in BRAC Parcel 3(1), this should be stated in the text.

d) SEAD-64A has not been included as a BRAC parcel. This site was used as a landfill from 1974 to 1979 when the on-site incinerator was not in operation. This site has been recommended for a RI/FS and a Project Scoping Plan for a CERCLA RI/FS is being developed for this site along with SEAD-11 and SEAD-64D.

e) What is the status of the creeks on SEDA? Are they considered as part of BRAC Parcel 3(1) although they may have been affected by tributaries which may have potential impacts from sites on SEDA.

**Response:**

a) The text has been changed to more accurately reflect the fact that Building 301 is a PCB-containing equipment storage building. The EBS makes a distinction between the presence of PCBs within equipment, such as transformers, that have not leaked and PCBs in soil from leaking equipment. PCBs in soil from leaking equipment is considered a CERCLA issue in the EBS, while storage of PCB-containing equipment is considered a non-CERCLA issue that does not preclude the U.S. Army from transferring the property. Guidance recommends that these types of facilities be qualified for PCBs, but not excluded from Category 1.

b) We do not concur. The status of closure is not necessarily the determining factor in the designation of the environmental condition of the property. The facility is used for the storage of PCB-containing equipment, and there is no evidence of a release; therefore, designation as Category 1 and qualification for PCBs is appropriate.

c) As a result of the mid-EBS meeting between the BEC, GPM, and Woodward-Clyde, some parcel designations were changed and some parcels were grouped with others. The parcels were not renumbered to expedite the production of the Draft EBS Report.

d) We do not concur. SEAD-64A is included within Parcel 75(6); it was incorrectly identified as SEAD-64D in the text, but correctly identified in Table 5-1. The text has been revised.

e) The creeks within a particular SWMU are addressed as part of the investigation of that SWMU. If contamination is known to be present in the creeks within a parcel, it is considered when designating the environmental condition of the property for that parcel.

**Comment A-136:**

#48 Page 5-2. Section 5.1 Parcel Designations, BRAC Parcel 3(1)

- a) The extent of this parcel is vague because it is described as encompassing most of the Depot Area. It is not clear from Figure 5-1 whether the extent of the Depot Area for Parcel 3(1) include the entire depot including the North Depot Area and South Depot Area, or just the Ammunition Area. Additional description of the area in the text would make this clearer.
- b) Furthermore, a RI/FS will be conducted for SEAD-12, which encompasses the former Special Weapons Area to the first row of igloos. This area is shown on Figure 5-1 as being part of the BRAC Parcel 3(1).

**Response:**

- a) For clarity, an additional description of this parcel area has been added to the text.
- b) See the response to Comment A-57.

**Comment A-137:**

#49 Page 5-3. Section 5.1.2 Category 2 Parcels  
BRAC Parcels 5(2)

- a) Referent to USTs by State Reg. No. should be consistent throughout the report.
- b) This listing of the USTs by State Reg. Nos. in this paragraph seems awkward and does not provide information.
- c) It may be more useful to put the information in table format with the UST and associated.
- d) The USTs discussed in this section were not included in the table in Appendix B. If these tanks were not listed because they are considered to be off-site by the state, this should be stated, otherwise the tanks should be listed in the UST/AST table.

**Response:**

- a) Additional information regarding tank registration numbers has been made available, and references to USTs by State Registration Number are now consistent throughout the report.
- b) We do not concur. We believe this listing provides useful information. However, this information has been converted to table format to facilitate presentation.
- c) We concur. This information has been converted to table format.

d) We do not concur. All of these tanks are listed in the table in Appendix C. Note that the second column of this table is the State Registration Number; the first is the associated building number.

**Comment A-138:**

#50 Page 5-4. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 7(2)

- a) The first sentence of the paragraph should have a verb.
- b) It would be helpful to provide information about the location of this parcel in the text if only to state that the parcel is located at the airport.
- c) If a UST is listed as a parcel, is the adjacent building also considered to be part of the parcel or is the building in BRAC Parcel 3(1)? According to the text, one could infer that the UST and building are not the same parcel, however Figure 5-1 shows the building as being part of the parcel.
- d) This comment also applies to BRAC Parcels 8(2), 9(2), 10(2).

**Response:**

- a) We concur. The verb “is” has been added to the text.
- b) We concur. Locational information has been added to the text.
- c) BRAC guidance requires that USTs and ASTs containing more than 600 gallons of product be identified with a 0.25-acre circle centered on the tank. The designated parcel area pertains to the land within a 0.25-acre area, not the building structure.
- d) See the response to Comment A-138c.

**Comment A-139:**

#51 Page 5-5. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 11(2)

A brief description of the location of this site in the text would be helpful. At a minimum, the area of the Depot where this site is located would be useful.

**Response:**

For clarity, an additional description of the location of this site has been added to the text.

**Comment A-140:**

#52 Page 5-6. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 21(2)

If columbite ore was stored in this warehouse, should some type of sampling be conducted prior to determining the category of this facility?

**Response:**

We do not concur. The ore stored in the building was containerized, and there was no documented evidence of a release. Therefore, Category 2 is appropriate. Additionally, a radionuclide survey of this building was conducted, and no evidence of contamination was detected. The results of the radionuclide survey have been mentioned in the text.

**Comment A-141:**

#53 Page 5-7. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 24(2)

It seems inappropriate to include Building 307 in Category 2 because the building is a RCRA hazardous waste storage facility operating under interim status. Closure of this facility must be completed in accordance with RCRA and NYSDEC regulations. This storage facility should be classified as Category 7 pending completion of the closure activities.

**Response:**

We do not concur with this comment. The status of closure is not necessarily the determining factor in the designation of the environmental condition of the property. The facility is used for the storage of hazardous materials and there is no evidence of a release. Therefore, Category 2 is appropriate.

**Comment A-142:**

#54 Page 5-8. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 26(2)

The sentences which discuss the USTs by number are awkward. The USTs should be referenced consistently throughout the text.

**Response:**

See the response to Comment A-137a.

**Comment A-143:**

#55 Page 5-8. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 28(2)

a) It is not clear whether Building 103 is included in this parcel with the associated UST or only the UST. b) According to Section 4.5, Building 103 will be retained by the DOD.

**Response:**

a) See the response to Comment A-138c.  
b) At the request of SEDA, all of the installation was characterized regardless of potential reuse plans.

**Comment A-144:**

#56 Page 5-8. Section 5.1.2 Category 2 Parcels  
BRAC Parcels 28(2) and 29(2)

It would be useful to have a site location plan of the area being discussed in this section of the report.

**Response:**

Comment noted.

**Comment A-145:**

#57 Page 5-9. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 31(2)

Building 106A is a preventative medicine laboratory. a) Were there any biohazard concerns at this facility or at the U.S. Army Health Clinic? b) Does this parcel include the building or only the UST?

**Response:**

- a) At one time, medical waste was stored at this facility in appropriate biohazard containers. There have been no documented releases of medical wastes. This information has been added to the Draft Final EBS Report.
- b) See the response to Comment A-138c.

**Comment A-146:**

#58 Page 5-13. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 48(2)

Although Parsons Engineering-Science recommends the classification of the SWMUs to the Army, the final decision is determined by the USEPA, NYSDEC, and the Army.

**Response:**

Comment noted. The text has been revised accordingly.

**Comment A-147:**

#59 Page 5-14. Section 5.1.2 Category 2 Parcels  
BRAC Parcel 65(2)

This parcel appears to have been assigned the wrong designation and placed in the incorrect section of the report because it is classified as Category 7 pending cleaning and evaluation of the integrity.

**Response:**

See the response to Comment A-27.

**Comment A-148:**

#60 Page 5-15. Section 5.1.3 Category 3 Parcels  
BRAC Parcel 114(3)

The oil/water separator in Building 7432 should be cleaned and evaluated for integrity. Perhaps the oil/water separator should be classified as Category 7 pending cleaning and evaluation of the integrity.

**Response:**

We do not concur. Guidance requires that oil/water separators be treated the same as USTs. There is no documented evidence of leakage from, or flooding of, this oil/water separator. Furthermore, it is the intent of the U.S. Army to address oil/water separators prior to the transfer of any property that contains them.

**Comment A-149:**

#61 Page 5-16. Section 5.1.4 Category 5 Parcels  
BRAC Parcel 55(5)

The acronym AOC stands for area of concern not area of contamination.

**Response:**

The text has been corrected.

**Comment A-150:**

#62 Page 5-16. Section 5.1.4 Category 5 Parcels  
BRAC Parcel 56(6)

This parcel consists of the composite SWMUs designated as the Ash Landfill and also the disposal area (SEAD-64D) located south of the Ash Landfill. Each area, the Ash Landfill and SEAD-64D, has been recommended for a RI/FS. The Feasibility Study for the Ash Landfill is being completed with a removal action of source soils having been conducted. The disposal area, SEAD-64D, has been grouped with two other disposal areas, the former construction landfill (SEAD-11), and a disposal area (SEAD-64A), for the development of a Project Scoping Plan for performing a CERCLA RI/FS. It would be more efficient to classify the Ash Landfill and the disposal area (SEAD-64D) as separate parcels because of the different RI/FS progress status. Furthermore, since the RI/FS has not been conducted at SEAD-64D, this parcel should be classified as a Category 7 parcel.

**Response:**

We do not concur. Designation of a category is based on the environmental condition of the property, not on RI/FS progress status.



**Comment A-151:**

#63 Page 5-17. Section 5.1.4 Category 5 Parcels

BRAC Parcel 56(5)

Second Paragraph

- a) The Building 2203 should be labeled on a site map. It is not shown on Figure 5-1.
- b) For clarity, the five SWMUs which have been grouped together should be referred to as the Ash Landfill since several reports have been issued about the site using this designation.
- c) The description of the sites in this paragraph is not well organized. The debris pile was located in the southern portion of the SEAD-64D. This is not clear from the text.

**Response:**

- a) Facility 2203, which is a loading platform, has been labeled on Figure 5-1.
- b) For clarity, this information has been added to the text.
- c) Comment noted. An effort has been made to clarify this section.

**Comment A-152:**

#64 Page 5-17. Section 5.1.4 Category 5 Parcels

BRAC Parcel 57(5)

The 11 pitchblende storage igloos, which are designated as SEAD-48, have been recommended for a RI/FS and the site has been grouped with SEAD-63 and SEAD-12 for the development of Project Scoping Plan. It would be more appropriate to classify this parcel as a Category 7 parcel because the results of the ESI conducted at the site indicated that more evaluation is required.

**Response:**

We do not concur. Designation of a category is based on the environmental condition of the property and, in this case, the available evidence indicates that the designated category is appropriate.

**Comment A-153:**

#65 Page 5-17. Section 5.1.4 Category 5 Parcels

BRAC Parcel 58(5)

SEAD-34 is currently scheduled to undergo a RI/FS, not a mini-risk assessment as stated in the text.

**Response:**

Comment noted. The text has been revised accordingly.

**Comment A-154:**

#66 Page 5-18. Section 5.1.4 Category 5 Parcels

BRAC Parcel 59(5)

Some type of location description would be helpful.

**Response:**

A description of the location of this parcel has been added to the text for clarity.

**Comment A-155:**

#67 Page 5-19. Section 5.1.4 Category 5 Parcels

BRAC Parcel 61(5)

a) This parcel, which encompasses the area designated as SEAD-12A, was recommended for a RI/FS. During the development of the Project Scoping Plan for a CERCLA RI/FS, the Army, EPA, and NYSDEC determined that the boundary of the SWMU should be expanded to include the area of SEAD-12A, SEAD-12B which is located adjacent to SEAD-12A, and sections of the former Special Weapons Area to the first row of igloos. This SWMU has been designated as SEAD-12. SEAD-12 now includes all the grounds within the former Special Weapons Area, north of the storage igloos and excluding the area designated as SEAD-63. b) It would be more appropriate to classify SEAD-12 as a Category 7 parcel because the results of the ESI indicated that further investigation in the form of a RI/FS is required.

c) In addition, the area designated as the BRAC Parcel 3(1) appears to include sections of SEAD-12. The areas for BRAC Parcel 3(1) should be revised to incorporate the new boundary of SEAD-12.

**Response:**

- a) Comment noted.
- b) See the response to Comment A-57.
- c) See the response to Comment A-57.

**Comment A-156:**

#68 Page 5-20. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 67(6)

- a) SEAD-4 is a Munitions Washout Facility and Leachfield which includes several buildings (Buildings 2076, 2078, 2079, 2073, 2084, and 2085), roadways, and a pond. During the ESI, no leachfield was identified, however, three difference surface water drainage areas were found to have been impacted. The description of SEAD-4 should be revised to indicate the above information. Specifically, in the second paragraph, reference to impacts to the surface soils, sediment, surface and groundwater at the leach field should be revised since the leach field was not found.
- b) As part of the ESI Report, a CERCLA RI/FS was recommended to be performed at the SWMU designated as SEAD-4. It would be more appropriate to separate SEAD-4 from the construction debris landfill (SEAD-11) and the boiler plant blowdown leach pit (SEAD-38). SEAD-11 has also been recommended to undergo a RI/FS and a Project Scoping Plan for a CERCLA RI/FS has been developed for the group of SWMUs designated as SEAD-11, SEAD-64A, and SEAD-64D. A separate Project Scoping Plan has been developed for SEAD-4.
- c) Finally, since a RI/FS has not been conducted at SEAD-4 or SEAD-11 yet, these parcels should be classified as Category 7 parcels.

**Response:**

- a) The text has been revised to indicate that the leach field was not found.
- b) See the response to Comment A-150.
- c) See the response to Comment A-152.

**Comment A-157:**

#69 Page 5-21. Section 5.1.45 Category 6 Parcels

BRAC Parcel 67(6)

- a) The area referred to as the “50 Area” is not shown on a site map or described in the report. It would be useful to discuss this earlier in the report and to locate it on a map.
- b) What does SMK mean?

**Response:**

- a) See the response to Comment A-86.
- b) These are the initials of one of the field investigators; they were used to label and track areas of visual inspection. Explanatory text has been added.

**Comment A-158:**

#70 Page 5-22. Section 5.1.5 Category 6 Parcels

BRAC Parcel 70(6)

- a) Building 608 is not shown on Figure 5-1
- b) The SWMU designated as SEAD-52 consists of Buildings 608, 610, 611, and 612. Since the finalization of the ESI Report, it was decided by the USEPA and NYSDEC that a RI/FS should be conducted at this site. This site has been combined with SEAD-60 in the development of a Project Scoping Plan for a CERCLA RI/FS. Therefore, it would be more appropriate to classify these sites as Category 7 parcels because it was determined that more investigation is required.

**Response:**

- a) Building 608 has been added to Figure 5-1.
- b) See the response to Comment A-152.

**Comment A-159:**

#71 Page 5-24. Section 5.1.5 Category 6 Parcels

BRAC Parcel 75(6)

- a) This parcel appears to be SEAD-64D which was included in BRAC parcel 56(5). In addition, the description does not agree with the location on Figure 5-1. This may have been confused with SEAD-64A which is also a disposal area.
- b) Because both sites are scheduled for a RI/FS, it would be more appropriate to classify these sites Category 7 parcels.

**Response:**

- a) This parcel is associated with SEAD-64A. The text incorrectly stated SEAD-64D. The text has been corrected.
- b) See the response to Comment A-152.

**Comment A-160:**

#72 Page 5-25. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 77(6)

It would be more appropriate to classify the fire training pit, SEAD-26, as a Category 7 parcel because the results of the ESI indicated that more investigation, in the form of a RI/FS, was required. Currently the RI has been completed but the Feasibility Study and development of remedial actions have not been completed.

**Response:**

See the response to Comment A-152.

**Comment A-161:**

#73 Page 5-26. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 83(6)

SEAD-50 will not undergo a RI/FS. According to the ESI Report for Eight Moderately Low Areas of Concern, a Decision Document which would outline a limited sampling program and a removal action was recommended.

**Response:**

Comment noted. The text has been revised accordingly.

**Comment A-162:**

#74 Page 5-28. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 88(6)

Other sites, which were reported to have spills based on interviews with site personnel, were classified as Category 7 parcels. Therefore, this parcel should also be classified as a Category 7 parcel because the dumping of PCB oil was based on an interview and more evaluation is required to confirm the information and to determine the impact to media.

**Response:**

We do not concur. Enough is known regarding this incident to lead Woodward-Clyde and the installation to conclude that, at a minimum, remedial actions involving removal of the stained soil will be required.

**Comment A-163:**

#75 Page 5-28. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 89(6)  
See comment #77.

**Response:**

Reference to comment #77 (CRP Comment A-165) does not make sense. We believe the commentor is referring to comment #74 (CRP Comment A-162). In which case, see the response to Comment A-162.

**Comment A-164:**

#76 Page 5-28. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 90(6)

This parcel consists of the fire training and demonstration pad, which is a SWMU designated as SEAD-25. The results of the ESI indicated that the site should undergo a RI/FS. Therefore, this site should be classified as a Category 7 because further evaluation is required in the form of a RI/FS.

**Response:**

See the response to Comment A-152.

**Comment A-165:**

#77 Page 5-29. Section 5.1.5 Category 6 Parcels  
BRAC 91(6)

A RI/FS Project Scoping Plan is being developed for this site, not an EIS Workplan as stated in the text.

**Response:**

Comment noted. The text has been revised accordingly.

**Comment A-166:**

#78 Page 5-29. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 93(6)

a) The deactivation furnace, designated as SEAD-17, is operating under interim status as part of the Part B RCRA permit. Proper closure of the site must be conducted as part of the requirements of the RCRA permit. This information should be included in this section of the text.

b) This site should be classified as a Category 7 parcel pending completion of closure.

**Response:**

- a) We concur. This information has been added to the text.
- b) See the response to Comment A-152.

**Comment A-167:**

#79 page 5-33. section 5.1.5 Category 6 Parcels  
BRAC Parcel 102(6)

This parcel should be classified as a Category 7 parcel because more information is needed to determine if the evidence of spills on the dirt floor will require remedial actions.

**Response:**

We do not concur. We believe it is the installation's position that, at a minimum, remedial actions involving removal of the stained soil and confirmatory sampling will be required.

**Comment A-168:**

#80 Page 5-34. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 104(6)

A Project Scoping Plan for a CERCLA RI/FS is being developed for SEAD-66, not an ESI Workplan as stated in the text.

**Response:**

Comment noted. The text has been revised accordingly.

**Comment A-169:**

#81 Page 5-35. Section 5.1.5 Category 6 Parcels  
BRAC Parcels 109(6) and 110(6)

The IRFNA site, which is designated as SEAD-134, is scheduled to undergo a RI/FS. This site should be classified as Category 7 parcel because the results of the ESI indicated that more investigation and evaluation of the site is necessary.

**Response:**

See the response to Comment A-152.

**Comment A-170:**

#82 Page 5-35. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 111(6)



Buildings 813, 814, 815, 816, and 817 are located in the former Special Weapons Area. These buildings are part of the SWMU designated as SEAD-12, which has been recommended to undergo a RI/FS.

**Response:**

See the response to Comment A-136b.

**Comment A-171:**

#83 Page 5-36 Section 5.1.5 Category 6 Parcels

BRAC Parcel 112(6)

- a) Buildings 803, 804, and 805 and SEAD 12B are now included in the SWMU designated as SEAD-12. A Project Scoping Plan for a CERCLA RI/FS has been prepared for this site and includes an inspection of the interior of these buildings. It would be more appropriate to combine these buildings and the area of SEAD-12B into the same parcel as SEAD-12A.
- b) Although Building 803 was classified as a No Action SWMU, the building is a RCRA storage facility operating under interim status. This facility must undergo a closure process as a requirement of the RCRA permit. This information should be added to the discussion.
- c) These buildings should be classified as Category 7 parcels because of the pending RI/FS.

**Response:**

- a) See the response to Comment A-57.
- b) This information has been added to the text.
- c) See the response to Comment A-152.

**Comment A-172:**

#84 Page 5-37. Section 5.1.5 Category 6 Parcels

BRAC Parcel 115(6)

The North Administration Area was not described earlier. Is it part of the North Depot Area?

**Response:**

Yes. The text has been revised accordingly.

**Comment A-173:**

#85 Page 5-39. Category 6 Parcels

BRAC Parcel 120(6)

- a) The OB/OD grounds are currently operating under interim status under a RCRA Part B Permit. Proper closure is required for these sites. This information should be added to the description of this parcel. b) These sites should be classified as Category 7 parcels pending completion of closure requirements.
- c) Building T-2110 is not shown on Figure 5-1.
- d) In the second paragraph, the study was an ESI not as EIS.
- e) It would be more appropriate to separate the site designated as SEAD-70 from the other three sites. SEAD-70 has been impacted by PAHs in the sediments, and arsenic in the soil. A mini-risk assessment was recommended for this site. SEAD-45 and SEAD-57 have been impacted by explosives and other constituents associated with ordnance disposal. These two sites have been combined in a Project Scoping Plan for performing a CERCLA RI/FS.
- f) The area outlined on Figure 5-1 as Parcel 120(6) is much larger than the areas considered for SEAD-45 and SEAD-57 as shown in the Project Scoping Plan for SEAD-45 and SEAD-57. It is unclear why the boundaries for these sites were expanded.

**Response:**

- a) We concur. This information has been added to the text.
- b) See the response to Comment A-152.
- c) This building has been labeled on Figure 5-1.
- d) We concur. The text has been revised accordingly.
- e) We do not concur. Designation of a category is based on the environmental condition of the property, not on the particular contaminant constituents.

f) This parcel also includes additional areas identified during the EBS field investigations that have been contaminated by training activities. This information has been added to the text.

**Comment A-174:**

#86 Page 5-40. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 122(6)

This parcel should be SEAD-58, not SEAD-57 as stated in the text.

**Response:**

We concur. The text has been revised accordingly.

**Comment A-175:**

#87 Page 5-41. Section 5.1.5 Category 6 Parcels  
BRAC Parcel 134(6)

Other sites, which were determined to have releases based on interviews with SEDA personnel, were classified as Category 7 parcels. Therefore, this site should also be a Category 7 parcel because more information is required to determine whether a release has occurred and the media which have been impacted. The definition of a Category 6 parcel implies that storage, release, disposal, and/or migration has been confirmed, but required response actions have not yet been implemented. Therefore, rumored sites should be classified as Category 7, which are areas that require additional evaluation.

**Response:**

Rumored sites were evaluated based on interviews, visual inspections, and document searches. If the results of the evaluation provided sufficient evidence to support the conclusion that a release had occurred and that minimal remedial actions will be required, the area was designated as Category 6. If the evidence did not support this conclusion, then the site was designated as Category 7.

**Comment A-176:**

#88 Page 5-42. Section 5.1.6 Category 7 Parcels

BRAC Parcels 130(7) and 131(7)

- a) The Duck Pond Area is not located on the site map.
- b) These parcels appear to be nearer to the former Special Weapons Area than to the Duck Ponds.

**Response:**

- a) See response to Comment A-56.
- b) We do not concur. Since these parcels are outside of the fence surrounding the Special Weapons Area, the Duck Ponds location is more appropriate.

**Comment A-177:**

#89 Page 5-42. Section 5.1.6 Category 7 Parcels

BRAC Parcel 132(7)

Building 810 is included in SEAD-12, which will undergo a RI/FS.

**Response:**

See the response to Comment A-136b.

**Comment A-178:**

#90 Page 5-42. Section 5.1.6 Category 7 Parcels

BRAC Parcel 133(7)

Building 819 is included in SEAD-12, which will undergo a RI/FS.

**Response:**

See the response to Comment A-136b

**Comment A-179:**

#91 Figure 5-1

- a) The following areas were presented in the text and should be shown on the site map:

Duck Pond Area

Elliot Housing

former Special Weapons Area  
North Administration Area

- b) BRAC Parcel 97(6), which is also designated as SEAD-59, should extend on both sides of the access road to Building S-311.
- c) The PCB storage facility, Building 301, is shown as a Category 1 parcel on the figure.
- d) BRAC Parcel 56(5), which is also designated as SEAD-64D, should extend west to the railroad tracks. e) Building 2203 is not identified. f) SEAD-64D is also shown as BRAC Parcel 143Q-X. Results of the ESI did not indicate the presence of explosives at the site.
- g) BRAC Parcel 67(6), which is also designated as SEAD-4, should extend to the boundaries established for the RI/FS.
- h) BRAC Parcel 94(6) seem to include Building 310 and/or 366.
- i) BRAC Parcel 120(6) appears to be much larger than the combined areas of the SWMUs described in the text.

**Response:**

- a) See the response to Comment A-86.
- b) We concur. The boundary of this parcel has been extended on the figure.
- c) See the response to Comment A-136a.
- d) We concur. The boundary of this parcel has been extended.
- e) Facility 2203, a loading dock, has been labeled on Figure 5-1.
- f) We concur. Qualified Parcel 143Q-X actually corresponds with SEAD-24, as stated in Table 5-1b. Figure 5-1 has been revised accordingly.
- g) We concur. The boundary of this parcel has been extended to reflect the RI/FS Workplan dated July 1996.
- h) These buildings should not have been included in this parcel. The parcel boundary has been changed to reflect this.
- i) See the response to Comment A-173f.

**Comment A-180:**

#92 Page 5-44 Section 5.1.7 Qualified Parcels

It is not clear why only six sites were described in this section. The qualified parcels listed in Table 5-2 are not shown on Figure 5-1 as stated in the text. Some type of explanation would be helpful.

**Response:**

The text has been revised to describe all qualified parcels of open land in this section. Since they are numerous, qualified buildings are not described individually, but are listed in Table 5-1b.

**Comment A-181:**

#93 Page 5-44. Section 5.1.7 Qualified Parcels

BRAC Parcel 108Q-X

A Project Scoping Plan for a CERCLA RI/FS at SEAD-46 is being developed, not an ESI Workplan as stated in the text.

**Response:**

Comment noted. The text has been revised accordingly.

**Comment A-182:**

#94 Table 5-1

It is unclear why some of the BRAC Parcels are listed out of order. Specifically, BRAC Parcels 65(2), 114(3), and 134(6).

**Response:**

See the response to comment A-135c.

**Comment A-183:**

#95 Table 5-2

A legend for the qualifiers should be added at the end of the table.

**Response:**

We concur. A legend has been added to this table.

**Comments on the Sampling and Analysis Recommendations****Comment A-184:**

#1 Page 2 BRAC Parcel 94(6)

This BRAC parcel is the SWMU designated as SEAD-16. The Project Scoping Plan for that site should be reviewed to determine whether the surface soil sampling recommended in this report is already scheduled as part of a RI/FS.

**Response:**

This comment will be addressed in the Final SAR Report.

**Comment A-185:**

#2 BRAC Parcel 96(6)

This parcel was not listed as a site to be sampled, however, the EBS report stated that an interview conducted during the EBS revealed that petroleum had been released and paints and solvents may have been released in the area of Building 306.

**Response:**

See the response to Comment A-184.

**Comment A-186:**

#3 Page 3 BRAC Parcel 111(6)

Buildings 813 through 817 are located within the boundary of the SWMU designated as SEAD-12. These buildings are scheduled to be screened for radionuclides as part of a RI/FS field program which has been outlined in the Project Scoping Plan. This Project Scoping Plan should be reviewed to determine if the surface soil sampling and groundwater monitoring well installation recommended in this report have already been scheduled for the RI/FS.

**Response:**

See the response to Comment A-184.

**Comment A-187:**

#4 Page 5 Item 2(e)

Areas where unknown materials were buried which will be investigated by trenching should be conducted using Level B personnel protective equipment.

**Response:**

See the response to Comment A-184.



**RESPONSES TO COMMENTS ON THE  
*SENECA ARMY DEPOT ACTIVITY, NEW YORK*  
*DRAFT FINAL ENVIRONMENTAL BASELINE SURVEY REPORT*  
DATED OCTOBER 30, 1996**



**B.1 RESPONSES TO INSTALLATION COMMENTS ON THE DRAFT FINAL EBS REPORT****B.1.1 RESPONSES TO SENECA ARMY DEPOT ACTIVITY COMMENTS ON THE DRAFT FINAL EBS REPORT**

**ENTITY:** Seneca Army Depot Activity

**INDIVIDUAL:** Mr. Stephen Absolom

**TITLE:** BRAC Environmental Coordinator

**DATE:** February 20, 1997

**Comment B-1:**

A marked copy of Table 2-3 from the Draft Final EBS Report was submitted as comments.

**Response:**

These revisions have been incorporated into the Final EBS Report.



**B.2 RESPONSES TO U.S. ENVIRONMENTAL PROTECTION COMMENTS ON THE DRAFT FINAL EBS REPORT****B.2.1 RESPONSES TO U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II COMMENTS ON THE DRAFT FINAL EBS REPORT**

**ENTITY:** U.S. Environmental Protection Agency, Region II

**INDIVIDUAL:** Carla Struble, P.E.

**TITLE:** Federal Facilities Section

**DATE:** January 24, 1997

**Comment B-2:**

This is with regard to the revised draft Environmental Baseline Survey Report (EBS) prepared by Woodward-Clyde for SEDA through the U.S. Army Corps of Engineers New York District and Seattle District. Appendix A only included responses to EPA comments dated July 15, 1996, but responses to EPA's August 9, 1996 comments on the Draft Sampling Analysis Recommendations (SAR), and our October 7, 1996 comments on the BRAC 1995 Enclave Sites were not addressed. EPA would like to facilitate SEDA's efforts to accommodate the greatest amount of property for lease or transfer. To that end, we would like to see our comments addressed to the greatest extent possible. After reviewing Woodward-Clyde's response in Appendix A to EPA's July 15, 1996 comments, the remaining issues are discussed below.

**Response:**

Comment noted. The August 9, 1996 comments on the Draft Sampling and Analysis Recommendations (SAR) were not addressed in the Draft Final EBS Report because they will be addressed in the Final SAR Report. The October 7, 1996 comments are reproduced at the end of this section (see Comments B-9 and B-10) for convenience, and responses to these comments are now provided.

**Comment B-3:****Original Comment:****CERFA Parcel Map - Figure 5.1**

The CERFA Parcel Map should show and label Reeder Creek, Kendia Creek, Indian Creek, etc., and the 72 SEADs identified in the Solid Waste Management Unit (SWMU) Classification Report for the Seneca Army Depot Activity finalized by the Army in September 1994. To help expedite EPA's review and concurrence on real property SEDA, an updated Plate 1-1 "Solid Waste Management Unit Locations" from the SWMU Classification Report is desirable. This map should preferably be a transparent overlay which could be placed over the CERFA Parcel Map and the LRA's Reuse map.

**Army Response:**

As we discussed on January 9, 1997, Woodward-Clyde states that this is outside the scope of work for preparation of the EBS. You indicated that a transparent overlay which could be placed over the CERFA Parcel Map and the LRA's Reuse map (an updated Plate 1-1 "Solid Waste Management Unit Locations" from the SWMU Classification Report) may be available. EPA would find such a map beneficial in expediting our concurrence.

**Response:**

The installation will work with EPA and provide them with requested maps.

**Comment B-4:****Original Comment:**

SECTION THREE: Property Characterization

Page 3-5 Table - MAIN DEPOT MUNITIONS STORAGE: For each facility and igloo listed, it should be noted whether or not munitions were stored there. If so, specifically what types of munitions are/were they, for how long they were stored, whether the munitions were stored for eventual use or demilitarization, destruction and disposal, whether or not a release had occurred. If not, can the Army certify that no releases occurred? When describing the function of Facility 2202, "STR SHEN GP INS" needs to be explained.

**Woodward-Clyde's Response:**

The Army's contractor believes that information on the type of munitions, the length of storage, or the eventual use is not pertinent to the determination of the environmental condition of the property.

EPA disagrees and encourages the Army to determine if this information is available.

**Response:**

The detailed information requested is not available. However, storage of munitions precludes a release given that the munitions are stored in sealed containers. During the course of the EBS records review, interviews, and visual inspections, documented evidence of a release related to munitions storage was not found.

**Comment B-5:****Original Comment:**

SECTION 4.3 - Sources of Potential Contamination From Adjacent or Surrounding Property: A location map should be developed to supplement this section which shows SEDA and all potential sources of contamination described in the text and in the tables of this section. The directions of groundwater flow/groundwater elevations should also be provided. This map should be drawn to scale and preferably larger than 8-1/2 inches by 11 inches.

**Woodward-Clyde's Response:**

An additional figure addressing this comment has been included in Section Four.

The direction of groundwater flow is toward the west in Figure 4-1, but other SEDA documents submitted to EPA have stated that there is evidence of a groundwater divide near Route 96 on the eastern flank of SEDA. East of the divide groundwater flows into Cayuga Lake and west of the divide it flows into Seneca Lake. This discrepancy should be clarified and the figure corrected as needed.

Seneca Lake, Kendaia Creek and the lake housing should be included in this figure. The SEDA property boundary, including the lake housing and property surrounding Kendaia Creek, should be enhanced to be distinguishable from the roadways. Why is SR 96 red?

**Response:**

The discrepancy regarding the groundwater information has been rectified and the figure revised accordingly.

The additional information has been added and other modifications made to the figure as requested.

State Route 96 is in red because it is a primary highway and this has been added to the legend.

**Comment B-6:****Original Comment:**

APPENDIX A - Database Search Report - Spill Records:

Page #17 through Page #27 lists State Record Details of Spills, LUSTs and Cleanups but no locations are given. None of the property on or adjacent to these incidences should be classified by the Army as Category 1.

**Woodward-Clyde's response:**

It is stated that a revised map showing all the locations has been included in the revised draft EBS report, but the figure number or map location has not been not provided.

**Response:**

The information presented in the appendix is a reproduction of a report provided by a subcontractor. This information was requested prior to the EBS site visit and was used as a starting point. The information in the appendix is not longer current. Tables 2-3 and 2-4 present incidents of spills and LUSTs, respectively, that are current and consistent with the installation's records. They represent the most up-to-date information available on historic spills and LUSTs at the Seneca Army Depot Activity. Areas corresponding to incidents of the release of hazardous substances or petroleum products have been appropriately assigned to parcels designated as either Category 3, 4, 5 or 6. To assist in locating these areas on Figure 5-1, the parcel labels and numbers have been added to Tables 2-3 and 2-4 in the Final EBS Report.



**Comment B-7:****Additional Comment:**

As we discussed on January 9, 1997, in addition to the CERFA map, EPA's concurrence on the Army's uncontaminated parcels would be facilitated by separating the CERFA map into 8 1/2" X 11" figures. You agreed that these figures could be provided.

**Response:**

Woodward-Clyde has provided EPA with the requested 8 1/2" x 11" figures.

**Comment B-8:**

The comments of EPA as offered here in response to the Revised Draft EBS should not yet be construed as EPA concurrence on the uncontaminated parcel determinations as offered by the Army. The extent of EPA's concurrence on uncontaminated parcels will be contingent upon the Army's response to our July 15, 1996, August 9, 1996, October 7, 1996 comments, those mentioned above and EPA's final review of the revised Draft EBS already submitted. Formal EPA concurrence on the Army's uncontaminated parcel determinations will subsequently be provided by Region II of EPA after its review of any Army responses and the revised Draft EBS. During our last BRAC Cleanup Team meeting, the Army informed us that SEDA became final on the Base Closure List on September 28, 1995.

**Response:**

Comment noted.

**Comment B-9:**

In September 1996, EPA received a letter from Tetra Tech, Inc. regarding their preparation of the Draft Disposal and Reuse Environmental Impact Statement for SEDA. Included in the correspondence, was a list of the BRAC 95 Enclave Sites at SEDA, with a location map of the Enclave Sites. It appears that some information regarding these enclave sites (strategic war reserve ore piles and hazardous materials warehouses) has been omitted from the Draft EBS Report and Draft SAR. EPA commented on the Draft EBS and Draft SAR on July 15, 1996 and August 9, 1996 respectively, but have not yet received the revised documents. EPA would like to facilitate SEDA's efforts to accommodate the greatest amount of property

for lease or transfer. To that end, we would like to see our comments below addressed by revision to the draft EBS, CERFA Parcel Map, draft SAR, etc.

Warehouse Buildings 350, 348, 347, 339 and 357 are listed by Tetra Tech as BRAC 95 Enclave Sites, but not identified on the EBS CERFA map as BRAC parcels, they are not listed in Table 5-1 (BRAC Parcel Descriptions) and not included in text of Section Five which describes the BRAC parcels. The text, tables and CERFA map of the EBS should incorporate the appropriate information, even though EBS Section 4.5 states that the strategic ore piles and hazardous materials warehouses are likely to be retained by DoD.

**Response:**

All of these issues were addressed in the Draft and Draft Final EBS Reports. In these reports, all of the listed warehouses were included in Parcel 3(1). Even though they may be used for hazardous storage in the future, at the time of the EBS investigation, none of these warehouses was documented as having stored hazardous materials. Subsequent to the submittal of the Draft Final EBS Report, documentation was found indicating that Building 357 had been used for hazardous materials storage and that releases had occurred inside of the building. This warehouse has been designated as Category 3 in the Final EBS Report. Ore piles containing materials with known hazardous constituents have been designated as distinct Category 6 parcels in all three reports.

**Comment B-10:**

Strategic Ore Piles: Section Five describes these ore piles as hazardous materials, where USATHAMA has concluded that the uncovered ore could migrate into the environment through air dispersal of dust particulate or transport of particulate through surface water runoff. What sampling is DoD proposing to determine if the ore piles are sources of contamination to adjacent or surrounding property that DoD does plan to transfer or lease? The SAR should be revised to address this concern.

**Response:**

This comment is on the Draft SAR Report and will be addressed in the Final SAR Report.

**B.3 RESPONSES TO STATE COMMENTS ON THE DRAFT FINAL EBS REPORT****B.3.1 RESPONSES TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION COMMENTS ON THE DRAFT FINAL EBS REPORT**

**ENTITY:** New York State Department of Environmental Conservation

**INDIVIDUAL:** Kamal Gupta

**TITLE:** Bureau of Eastern Remedial Action, Division of  
Environmental Remediation

**DATE:** December 26, 1996

**Comment B-11:**

1. Our comment number 9 (iii)(b) addressed the Army's rumor list. We requested confirmation of listed disposal activities either through a reliable source or by an appropriate sampling and analysis program. The Army in response to our comment stated that reasonable efforts have been expended, including interviews, record review, and visual inspections to conclude that no additional investigation is warranted. However, the reasons given for elimination of rumor list item number 4, 6, 8, 9, 10, 11, 12, 13, 14, and 17 in Table 4-3 of section 4 of EBS report are not satisfactory. All these listed items have been eliminated based on interviews with persons who have questionable knowledge of the stated disposal activity. For some activities the EBS states rumor confirmed or conflicting information obtained, but still proposes no further action. For each rumored disposal activity, the Army should provide an authentic source, which should contradict the rumored disposal activity to justify its elimination from further investigation. Without such documentation we cannot accept a no further action for these listed items.

**Response:**

Regarding item number 4, which involves potential dumping in former farm water wells, it is the position of the U.S. Army that Seneca's existing groundwater monitoring program should detect problems if there are any. From the perspective of the EBS, without specific locations of these alleged activities it is not possible to designate a specific environmental condition of property parcel.

Regarding item number 6, concerning coal storage north of the salt storage building and elsewhere. The U.S. Army has agreed to investigate the former coal storage area north of the salt storage building and an additional Category 7 parcel has been added to the Final EBS Report. Locational information concerning any other coal storage areas was not available and, therefore, no other additional parcels could be designated.

Regarding item number 8, concerning the burial of drums in a hill north of Post 3. Although no evidence was found to confirm the reported activity, the U.S. Army has agreed to investigate this area. An additional Category 7 parcel has been added to the Final EBS Report.

Regarding item number 9, concerning rumored burial of DDT cans under the "ice rink." Although no evidence was found to confirm the reported activity, the U.S. Army has agreed to investigate this area. An additional Category 7 parcel has been added to the Final EBS Report.

Regarding item number 10, which concerns a reported filled-in pond. Installation personnel reviewed aerial photographs dated from the time the installation was being built. No evidence of ground disturbance or a pond in the location reported was observed.

Regarding item number 11, concerning a berm and roads in the vicinity of Building 309. A tentative location for this activity was identified and designated parcel 109(7) in the Draft Final EBS Report.

Regarding item number 12, concerning a concrete plant and staging area. Installation personnel reviewed aerial photographs dated from the time the installation was being built. Evidence of a concrete plans was not observed in a circa 1941 photograph; however, a staging area near Post 2 was observed. This area is included in Parcel 57(6).

Regarding item number 13, concerning the cleaning of loading docks. This activity cannot be confirmed because there is no identified location for the alleged activity. Without a specific location for this activity, it is not possible to designate a specific environmental condition at property parcel.

Regarding item number 14, concerning coal ash south of Building 123. The U.S. Army has agreed to investigate this area and an additional Category 7 parcel has been added to the Final EBS Report.

Regarding item number 17, concerning herbicide treated soil and for fill along a portion of the “Q-Area” fenceline. This item corresponds with a portion of the previously identified SWMU, SEAD-51. A No Action agreement has been reached regarding this SWMU.

**Comment B-12:**

2. Table 2-3 - Spill List: A comparison of the table found in the draft EBS and the draft final EBS reveals a number of discrepancies. Agency identification numbers, quantities spilled, facilities involved, and dates of occupancy listed in the draft final version differ significantly from the original table. Please have the consultant correct these differences and provide an accurate summary of spills at the Depot which have been reported to the NYSDEC.

**Response:**

The spill list presented in the Draft EBS Report was not consistent with installation records and was revised for the Draft Final EBS Report. These changes were made based on information provided by the installation. A few additional changes have been made to the spill list in the Final EBS Report (see Comment B-1), which is consistent with installation records.



**B.4 RESPONSES TO U.S. ARMY MATERIAL COMMAND COMMENTS ON THE  
DRAFT FINAL EBS REPORT**

The U.S. Army Materiel Command did not comment on the Draft Final EBS Report.





**B.5 RESPONSES TO U.S. ARMY ENVIRONMENTAL CENTER COMMENTS ON  
THE DRAFT FINAL EBS REPORT**

The U.S. Army Environmental Center did not comment on the Draft Final EBS Report.



**B.6 RESPONSES TO U.S. ARMY CORPS OF ENGINEERS COMMENTS ON THE  
DRAFT FINAL EBS REPORT**

The U.S. Army Corps of Engineers did not comment on the Draft Final EBS Report.



**B.7 RESPONSES TO OTHER COMMENTS ON THE DRAFT FINAL EBS REPORT**

No other agencies commented on the Draft Final EBS Report.



**APPENDIX B**

**DATABASE SEARCH REPORT**

## **APPENDIX C**

### **UST AND AST LIST**



**Table C-1  
REGISTERED PETROLEUM STORAGE TANKS  
SENECA ARMY DEPOT ACTIVITY, NEW YORK**

BUILDING NUMBER	STATE REGISTRATION NUMBER	EPA REGISTRATION NUMBER	CAPACITY (GALLONS)	PRODUCT	UNDER OR ABOVE GROUND	IN OR OUTSIDE, TANK TYPE, HOUSING, YEAR INSTALLED, SWMU NUMBER	EMERGENCY GENERATOR	OUT OF SERVICE?
103	1	N/A	2,500	F.O.	ung	fgd 1988		
752	2	N/A	275	F.O.	tabg	1992		TOS
2491	3	N/A	275	F.O.	abg	in H 1988		
2076	4	N/A	275	F.O.	abg	out 1988		
6	5	N/A	500	F.O.	ung	st 1984		
101	6	N/A	3,000	F.O.	ung	st 1942		
106G	7	N/A	550	F.O.	abg	out 1990	GEN	
104	8	N/A	285	F.O.	abg	out stp 1993		
106	9	N/A	5,000	F.O.	ung	st 1977		
106A	10	N/A	500	F.O.	ung	st 1977		
113	11	N/A	2,000	F.O.	ung	fg 1985		
114	12	N/A	1,000	F.O.	ung	st 1943		
114	13	N/A	1,000	F.O.	ung	st 1943		
2492	14	N/A	275	F.O.	abg	in H 1988		
126	15	N/A	550	F.O.	ung	st 1980		
138	16	N/A	500	F.O.	abg	out stp 1993		
S142	17	N/A	275	F.O.	abg	in 1942		
S142	18	N/A	275	F.O.	abg	in 1942		
S142	19	N/A	275	F.O.	abg	in 1994		
308	20	N/A	1,000	F.O.	ung	st 1942		
309	21	N/A	275	F.O.	abg	in 1990		
2493	22	N/A	275	F.O.	abg	in H 1988		
118	23	N/A	500	Used oil	abg	out stp 1993		
334	24	N/A	275	F.O.	abg	out stp 1993		
117	25	117	2,005	Used oil	ung	fg 1982		
2494	27	N/A	275	F.O.	abg	in H 1988		
353	28	N/A	500	F.O.	ung	st 1954		
360S	29	N/A	500	F.O.	ung	st 1969		
360S	30	N/A	500	F.O.	ung	st 1969		
360N	31	N/A	1,000	F.O.	ung	fg 1980		
367	32	N/A	2,000	F.O.	abg	out 1990		
606	33	N/A	2,000	F.O.	ung	st 1956		
609	34	N/A	3,000	F.O.	ung	st 1954		
609	35	N/A	1,000	F.O.	abg	in 1953		
710	36	N/A	1,000	F.O.	ung	fgd 1991		TOS
714	37	N/A	1,000	F.O.	ung	st 1957		TOS
718	38	718	10,000	used oil	ung	fgd 1989		TOS
729	39	N/A	2,000	F.O.	ung	fg 1986		TOS
733	40	N/A	1,000	F.O.	ung	st 1971		TOS
742	41	N/A	550	F.O.	ung	st 1984		TOS
740	42	N/A	1,000	F.O.	ung	st 1960		TOS
746	43	N/A	3,000	F.O.	ung	st 1982		TOS
747	44	N/A	4,000	F.O.	ung	fg 1982		TOS
800	45	N/A	1,500	F.O.	ung	st 1981		TOS
802	46	N/A	1,000	F.O.	ung	st 1956		TOS

**Table C-1  
(Continued)**

BUILDING NUMBER	STATE REGISTRATION NUMBER	EPA REGISTRATION NUMBER	CAPACITY (GALLONS)	PRODUCT	UNDER OR ABOVE GROUND	IN OR OUTSIDE, TANK TYPE, HOUSING, YEAR INSTALLED, SWMU NUMBER	EMERGENCY GENERATOR	OUT OF SERVICE?
805	47	N/A	1,000	F.O.	ung	st 1956		TOS
806	48	N/A	1,000	F.O.	ung	fgd 1991		TOS
810	50	N/A	550	F.O.	abg	out 1967		TOS
810	51	N/A	550	F.O.	abg	out 1967		TOS
812	52	N/A	1,500	F.O.	ung	st 1956		TOS
813	53	N/A	2,500	F.O.	ung	fgd 1990		
2495	54	N/A	275	F.O.	abg	in H 1988		
816	55	N/A	3,000	F.O.	ung	fg 1983		
817	56	N/A	1,000	F.O.	ung	st 1959		TOS
819	57	N/A	3,000	F.O.	ung	st 1957		
824	58	N/A	550	F.O.	ung	st 1961		TOS
732	59	732	550	Used oil	ung	fg 1982		TOS
2496	60	N/A	275	F.O.	abg	in H 1988		
2086	61	N/A	285	F.O.	abg	out stp 1995		
2497	63	N/A	275	F.O.	abg	in H 1988		
2104	64	N/A	285	F.O.	abg	out stp 1995		
2113	65	N/A	500	F.O.	abg	out stp 1993		
2498	67	N/A	275	F.O.	abg	in H 1988		
2301	68	N/A	550	F.O.	ung	st 1954		TOS
2305	69	N/A	1,000	F.O.	ung	st 1957		
2306	70	N/A	1,500	F.O.	ung	st 1957		TOS
2485	71	N/A	1,000	F.O.	ung	st 1981		
2410	72	N/A	2-275	F.O.	abg	in 1942		
2411	73	N/A	2,000	F.O.gen	abg	out 1992	GEN	
200A/B	74	N/A	550	F.O.	ung	st H 1961		
201A/B	75	N/A	550	F.O.	ung	st H 1961		
202	76	N/A	550	F.O.	ung	st H 1961		
203	77	N/A	550	F.O.	ung	st H 1961		
204	78	N/A	550	F.O.	ung	st H 1961		
205	79	N/A	550	F.O.	ung	st H 1961		
206	80	N/A	550	F.O.	ung	st H 1961		
207	81	N/A	550	F.O.	ung	st H 1961		
208E	82	N/A	275	F.O.	abg	in H 1942		TOS
208W	83	N/A	275	F.O.	abg	in H 1942		TOS
209E	84	N/A	275	F.O.	abg	in H 1942		TOS
209W	85	N/A	275	F.O.	abg	in H 1942		TOS
210A/B	86	N/A	550	F.O.	ung	st H 1961		
211A/B	87	N/A	550	F.O.	ung	st H 1961		TOS
212A/B	88	N/A	500	F.O.	abg	stp H 1992		TOS
213A/B	89	N/A	550	F.O.	ung	st H 1961		TOS
214	90	N/A	500	F.O.	abg	stp H 1992		TOS
215	91	N/A	550	F.O.	ung	st H 1961		TOS
216	92	N/A	550	F.O.	ung	st H 1961		TOS
217	93	N/A	550	F.O.	ung	st H 1961		TOS
218A/B	94	N/A	550	F.O.	ung	st H 1961		
219A/B	95	N/A	550	F.O.	ung	st H 1961		
221A/B	96	N/A	550	F.O.	ung	st H 1961		
222A/B	97	N/A	550	F.O.	ung	st H 1961		TOS

**Table C-1  
(Continued)**

BUILDING NUMBER	STATE REGISTRATION NUMBER	EPA REGISTRATION NUMBER	CAPACITY (GALLONS)	PRODUCT	UNDER OR ABOVE GROUND	IN OR OUTSIDE, TANK TYPE, HOUSING, YEAR INSTALLED, SWMU NUMBER	EMERGENCY GENERATOR	OUT OF SERVICE?
223A/B	98	N/A	550	F.O.	ung	st H 1961		TOS
224A/B	99	N/A	550	F.O.	ung	st H 1979		TOS
224C/D	100	N/A	550	F.O.	ung	st H 1961		TOS
225A/B	101	N/A	550	F.O.	ung	st H 1961		TOS
225C/D	102	N/A	550	F.O.	ung	fg H 1983		TOS
226A/B	103	N/A	550	F.O.	ung	st H 1961		TOS
226C/D	104	N/A	550	F.O.	ung	st H 1983		TOS
227A/B	105	N/A	550	F.O.	ung	st H 1961		TOS
227C/D	106	N/A	550	F.O.	ung	st H 1961		TOS
228A/B	107	N/A	550	F.O.	ung	st H 1961		TOS
228C/D	108	N/A	550	F.O.	ung	fg H 1983		TOS
229A/B	109	N/A	550	F.O.	ung	st H 1961		TOS
229C/D	110	N/A	550	F.O.	ung	st H 1961		TOS
230A/B	111	N/A	550	F.O.	ung	st H 1961		TOS
230C/D	112	N/A	550	F.O.	ung	st H 1961		TOS
231A/B	113	N/A	550	F.O.	ung	st H 1961		TOS
231C/D	114	N/A	550	F.O.	ung	st H 1961		TOS
232A/B	115	N/A	550	F.O.	ung	st H 1961		TOS
232C/D	116	N/A	550	F.O.	ung	st H 1961		TOS
233A/B	117	N/A	550	F.O.	ung	st H 1961		TOS
233C/D	118	N/A	550	F.O.	ung	st H 1961		TOS
234A/B	119	N/A	550	F.O.	ung	st H 1961		TOS
234C/D	120	N/A	550	F.O.	ung	st H 1961		TOS
235A/B	121	N/A	550	F.O.	ung	st H 1961		TOS
235C/D	122	N/A	550	F.O.	ung	st H 1961		TOS
236A/B	123	N/A	550	F.O.	ung	st H 1961		TOS
236C/D	124	N/A	550	F.O.	ung	st H 1961		TOS
238A/B	125	N/A	1,000	F.O.	ung	st H 1961		TOS
238C/D	126	N/A	550	F.O.	ung	st H 1961		TOS
239A/B	127	N/A	550	F.O.	ung	st H 1961		TOS
239C/D	128	N/A	550	F.O.	ung	st H 1961		TOS

**Table C-1  
(Continued)**

BUILDING NUMBER	STATE REGISTRATION NUMBER	EPA REGISTRATION NUMBER	CAPACITY (GALLONS)	PRODUCT	UNDER OR ABOVE GROUND	IN OR OUTSIDE, TANK TYPE, HOUSING, YEAR INSTALLED, SWMU NUMBER	EMERGENCY GENERATOR	OUT OF SERVICE?
240A/B	129	N/A	550	F.O.	ung	st H 1961		TOS
240C/D	130	N/A	550	F.O.	ung	st H 1961		TOS
241A/B	131	N/A	550	F.O.	ung	st H 1961		TOS
241C/D	132	N/A	550	F.O.	ung	st H 1961		TOS
242A/B	133	N/A	550	F.O.	ung	st H 1961		TOS
242C/D	134	N/A	550	F.O.	ung	st H 1961		TOS
243A/B	135	N/A	1,000	F.O.	ung	st H 1961		TOS
243C/D	136	N/A	550	F.O.	ung	st H 1961		TOS
244A/B	137	N/A	550	F.O.	ung	st H 1961		TOS
244C/D	138	N/A	550	F.O.	ung	st H 1961		TOS
245A/B	139	N/A	550	F.O.	ung	st H 1961		TOS
245C/D	140	N/A	550	F.O.	ung	st H 1961		TOS
2401	141	N/A	550	F.O.	ung	st H 1942		
2403	142	N/A	550	F.O.	ung	st H 1942		
2404	143	N/A	550	F.O.	ung	st H 1942		
2406	144	N/A	550	F.O.	ung	st H 1942		
2408	145	N/A	2-275	F.O.	abg	in H 1991		
2412	146	N/A	550	F.O.	ung	st H 1942		TOS
2414	147	N/A	550	F.O.	ung	st H 1942		TOS
2415	148	N/A	550	F.O.	ung	st H 1942		TOS
2418	149	N/A	550	F.O.	ung	st H 1942		TOS
2419	150	N/A	550	F.O.	ung	st H 1942		TOS
2421	151	N/A	550	F.O.	ung	st H 1942		TOS
2423	152	N/A	550	F.O.	ung	st H 1942		TOS
2425	153	N/A	550	F.O.	ung	st H 1942		TOS
2426	154	N/A	550	F.O.	ung	st H 1942		TOS
2427	155	N/A	550	F.O.	ung	st H 1942		TOS
2429	156	N/A	550	F.O.	ung	st H 1942		TOS
2432	157	N/A	500	F.O.	ung	fg H 1986		TOS
2437	158	N/A	550	F.O.	ung	st H 1942		TOS
2438	159	N/A	550	F.O.	ung	st H 1942		TOS
2441	160	N/A	550	F.O.	ung	st H 1942		TOS
2443	161	N/A	550	F.O.	ung	st H 1942		TOS
2446	162	N/A	550	F.O.	ung	st H 1942		TOS
2448	163	N/A	550	F.O.	ung	st H 1942		TOS
2450	164	N/A	550	F.O.	ung	st H 1942		TOS
2452	165	N/A	285	F.O.	abg	stp H 1992		TOS
2453	166	N/A	550	F.O.	ung	st H 1942		TOS
102	167	N/A	285	Gasoline	abg	out stp 1995		
120	168	120A	20,000	Gasoline	ung	fg 1985		
748	169	N/A	275	F.O.	abg	out 1983		TOS
334	170	N/A	500	Gasoline	abg	out stp 1993		
749	171	N/A	275	F.O.	abg	out 1986		TOS
719	172	719	15,000	Gasoline	ung	fg 1985		
2499	173	N/A	275	F.O.	abg	in H 1988		
2456	174	N/A	550	Gasoline	abg	out 1991		
4	175	N/A	275	F.O.	abg	in 1946	GEN	
120	176	120B	10,000	Diesel	ung	fg 1985		
127	177	127	12,000	Diesel	ung	fgd 1985		

**Table C-1  
(Continued)**

BUILDING NUMBER	STATE REGISTRATION NUMBER	EPA REGISTRATION NUMBER	CAPACITY (GALLONS)	PRODUCT	UNDER OR ABOVE GROUND	IN OR OUTSIDE, TANK TYPE, HOUSING, YEAR INSTALLED, SWMU NUMBER	EMERGENCY GENERATOR	OUT OF SERVICE?
137	178	N/A	550	F.O.	ung	st 1983	GEN	
T137	179	N/A	200	F.O.	abg	in 1961	GEN	
715	180	N/A	275	F.O.	abg	in 1956	GEN	
819	182	819	10,000	F.O.	ung	st 1981	GEN	
2304	183	N/A	285	F.O.	abg	out stp 1995	GEN	
2411	184	N/A	1,500	CLOSED IN PLACE				
Airfield	185	AIRF	30,000	JP-4	ung	fgd 1990		
2500	186	N/A	275	F.O.	abg	in H 1988		
129	187	N/A	60,000	F.O.	abg	out 1982		TOS
717	188	N/A	40,600	F.O.	abg	out 1956		TOS
2501	189	N/A	275	F.O.	abg	in H 1988		
750	190	N/A	275	F.O.	abg	out 1985		TOS
2502	191	N/A	275	F.O.	abg	in H 1988		
2504	192	N/A	275	F.O.	abg	in H 1988		
2505	193	N/A	275	F.O.	abg	in H 1988		
718	194	N/A	40,000	# 6 F.O.	ung	st 1956		
718	195	N/A	20,000	# 6 F.O.	ung	st 1978		
319	196	N/A	30,000	# 6 F.O.	ung	st 1951		
319	197	N/A	20,000	# 6 F.O.	ung	st 1951		
121	198	N/A	30,000	# 6 F.O.	ung	st 1943		
2507	199	N/A	275	F.O.	abg	in H 1988		
237A/B	200	N/A	550	F.O.	ung	st H 1961		TOS
237C/D	201	N/A	550	F.O.	ung	st H 1961		TOS
721	202	721	12,000	Diesel	ung	fgd 1986		TOS
2073	203	N/A	1,000	F.O.	ung	fgd 1986		
2508	204	N/A	275	F.O.	abg	in H 1988		
2509	205	N/A	275	F.O.	abg	in H 1988		
2510	206	N/A	275	F.O.	abg	in H 1988		
2511	207	N/A	275	F.O.	abg	in H 1988		

**Table C-1  
(Continued)**

BUILDING NUMBER	STATE REGISTRATION NUMBER	EPA REGISTRATION NUMBER	CAPACITY (GALLONS)	PRODUCT	UNDER OR ABOVE GROUND	IN OR OUTSIDE, TANK TYPE, HOUSING, YEAR INSTALLED, SWMU NUMBER	EMERGENCY GENERATOR	OUT OF SERVICE?
2512	208	N/A	275	F.O.	abg	in H 1988		
2513	209	N/A	275	F.O.	abg	in H 1988		
742	210	742A	3,000	Gasoline	ung	fgd 1990		TOS
742	211	742B	3,000	Gasoline	ung	fgd 1990		TOS
701	212	N/A	550	F.O.	ung	fg 1987		
729	213	N/A	550	F.O.	ung	fgd 1986	GEN	
751	214	N/A	250	F.O.	abg	out 1987		TOS
LORAN-C	215	N/A	6,000	F.O.	abg	out 1991	GEN	
2514	216	N/A	275	F.O.	abg	in H 1988		
2515	217	N/A	275	F.O.	abg	in H 1988		
2516	218	N/A	275	F.O.	abg	in H 1988		
2517	219	N/A	275	F.O.	abg	in H 1988		
2518	220	N/A	275	F.O.	abg	in H 1988		
2519	221	N/A	275	F.O.	abg	in H 1988		
2520	222	N/A	275	F.O.	abg	in H 1988		
2521	223	N/A	275	F.O.	abg	in H 1988		
2523	224	N/A	275	F.O.	abg	in H 1988		

LOCATION CODES

abg in - aboveground inside building  
 abg out - aboveground outside  
 tabg - temporary aboveground outside  
 ung - underground  
 H - Housing

TANK TYPE CODES

st - steel  
 stp - steel, with prefabricated steel dike  
 fg - fiberglass  
 fgd - fiberglass double wall  
 all aboveground tanks are single wall steel, except LORAN-C and Building 2411 Reg. No. 073 tanks are dual wall

PRODUCT CODES

F.O. - Fuel oil/DF-1  
 #6 F.O. - #6 Fuel Oil

OTHER CODES

VIOL - tank has been cited and in violation of law  
 GEN - emergency generator  
 TOS - temporary out of service, tank has been emptied and/or building has been mothballed

Total tanks registered with New York State	218	Number of tanks registered with both	12
Total tanks registered with EPA	12	Total number of registered petroleum tanks	218

**APPENDIX D**  
**SAMPLE INTERVIEW FORM**

**FORM 3 - INTERVIEWS**

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_;  
 Facility No. : \_\_\_\_\_; Facility Name: \_\_\_\_\_;  
 Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_; Address: \_\_\_\_\_;  
 Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_

**Interviewee Information:**

Name: \_\_\_\_\_; Organization: \_\_\_\_\_; Title: \_\_\_\_\_;  
 Role/Responsibility: \_\_\_\_\_; Phone: \_\_\_\_\_;  
 Period for which the person would have specific and detailed knowledge of the area or facility in question:  
 \_\_\_\_\_

Any other areas or facilities for which the person would have specific and detailed knowledge?  
 Area or Facility Period:

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

Who can I talk to regarding previous uses or processes of this area/facility?

Period: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Period: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Period: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Period: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Period: \_\_\_\_\_ Contact: \_\_\_\_\_

**TABLE I-1: FACILITIES WITH COMMON USE OR PURPOSE**

FACILITY NO.	FACILITY NAME	DATE CONSTRUCTED	DATE EXPANDED



Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
Interviewee: \_\_\_\_\_

**USE HISTORY**

*Use the following questions to complete Table I-2. Include historical perspective on disposal practices and locations, and state amounts of stored chemicals and wastes in the comments column.*

Was or is the area/facility in question used as a gasoline station, motor or machine fabrication or repair facility, dry cleaners, photo developing laboratory, plating shop, paint shop, electronics or electro-optical manufacturing or repair facility, medical or dental facility, training area, or as a waste treatment, disposal (such as junkyard or landfill), processing, or recycling facility? Y/N

Was or is the area in question used as a firing and/or bombing range? Y/N

Describe the use history of this area or facility, including the processes for which the area or facility was used.

Describe the process chemicals and petroleum products which have been or are **used** in this facility or area?

Describe the process chemicals and petroleum products which have been or are **stored** in this facility or area, and where these materials are stored.

Describe any pesticides, paints, or other chemical containers, or damaged or discarded automotive or industrial batteries which have been or are located, stored, or used in this facility or area.

Describe any other drums, sacks, or cartons containing chemicals located in this facility or area.

Describe the wastes which have been or are generated in this facility or area, and the rates at which these wastes were and are generated.

Describe chemical or petroleum products wastes which have been or are stored in this facility or area, the amounts of stored wastes, and where these wastes are stored.

Does the facility generate used oil? Y/N

Were or are radioactive elements (such as radium, uranium) used in a manufacturing process or contained in machinery/devices which were repaired? Y/N If yes, what are the radioactive elements? Where were/are raw materials stored? Where were/are wastes disposed? Can you provide copies of permits? Y/N

Is or was mercury used or contained in any machinery parts, or electrical, pressure, or vacuum instruments? Y/N

**FORM 3 - INTERVIEWS (continued)**

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
 Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
 Interviewee: \_\_\_\_\_

**TABLE I-2: AREA OR FACILITY USE HISTORY**

PERIOD	USE/PROCESS	CHEMICALS / PETROLEUM PRODUCTS USED OR GENERATED	TYPE <sup>1</sup>	CLASS <sup>2</sup>	GEN. RATE	STORAGE <sup>3</sup>	DISPOSAL

1 - P = process, W = waste, C = cleaning, O = other such as pesticides and paint stored for incidental use.  
 2 - PP = petroleum product, HS = hazardous substance.  
 3 - Identify specific location in area or facility. For USTs and ASTs use Table I-3.

**FORM 3 - INTERVIEWS (continued)**

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
 Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
 Interviewee: \_\_\_\_\_

**UST AND AST INVENTORY**

Have there been or are there any above ground or under ground storage tanks containing hazardous substances or petroleum products located on the installation/area/facility? Y/N If yes, can you provide a complete list of all tanks, a tank location map, and a copy of all permit(s)? Y/N If yes, Document ID: \_\_\_\_\_; otherwise complete:

**TABLE I-3: UST AND AST INVENTORY**

TANK NO.	UST or AST	YEAR INSTALLED	CAPACITY/ (GAL) CONSTRUCTION	CONTENTS	CLASS <sup>1</sup>	STATUS	SITE NO.	FUTURE ACTIONS	COMMENTS <sup>2</sup>

1 - PP = petroleum product, HS = hazardous substance.  
 2 - Include compliance monitoring, if present, and results.



Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
Interviewee: \_\_\_\_\_

**POTENTIAL RELEASES**

To the best of your knowledge, have spills, leaks or other releases of hazardous substance or petroleum products occurred in this facility or area? Y/N If yes, What chemical or petroleum product was released?

How much was released? \_\_\_\_\_; Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_  
Is or was an investigation and remedial action conducted? Y/N *If yes, enter required information into Table I-4.*

Are or have liquid or solid wastes or debris including tires, automotive or industrial batteries, ordnance or any other waste materials been Dumped, Buried, Burned, or Discharged (circle one or more) in this area? Y/N/U  
If yes, What materials? \_\_\_\_\_  
Period? \_\_\_\_\_; Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_  
Is or was an investigation and remedial action conducted? Y/N *If yes, enter required information into Table I-4.*

Is this area or facility treated with pesticides? Y/N/U Inside? Y/N ; Outside? Y/N ; What types?

Are/have they been applied according to manufacturer's directions? Y/N/U; Application personnel: *(Installation personnel, Outside contractor)*

**WASTE WATER**

How is sewage disposed? *(Sanitary sewer, Septic system, Treatment system)*

Are any liquid wastes, wastewaters, or process cooling waters discharged to the sewer system? Y/N If yes, What are the constituents in the waste or wastewater? \_\_\_\_\_

Can you provide testing documentation and permit information? Y/N If yes, Document IDs: \_\_\_\_\_

Are there any drains or abandoned drains onsite? Y/N If yes, where?: \_\_\_\_\_;  
What drains into them? \_\_\_\_\_;  
Where do they discharge to? \_\_\_\_\_;  
What possible chemicals or petroleum products drain into them? \_\_\_\_\_

Are there any sumps or dry wells in this area/facility? Y/N If yes, What is discharged into it? \_\_\_\_\_

When was it installed? \_\_\_\_\_; Abandoned? Y/N; When? \_\_\_\_\_; Is or was an investigation and remedial action conducted? Y/N *If yes, enter required information into Table I-4*

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility Number: \_\_\_\_\_  
Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
Interviewee: \_\_\_\_\_

**COMPLIANCE ISSUES**

Has an asbestos survey been performed? Y/N If yes, when? \_\_\_\_\_; Can you provide a copy of the survey? Y/N If yes, Doc. ID: \_\_\_\_\_; Did the survey identify any ACM? Y/N If yes, where?

Was the asbestos removed? Y/N ; If yes, when? \_\_\_\_\_

Has a lead-based paint survey been performed? Y/N If yes, when? \_\_\_\_\_; Can you provide a copy of the survey? Y/N If yes, Doc. ID: \_\_\_\_\_; Did the survey identify any lead-based paint onsite? Y/N; Was the paint removed? Y/N ; When? \_\_\_\_\_

Has a radon survey been performed? Y/N If yes, When? \_\_\_\_\_; Can you provide a copy of the survey? Y/N If yes, Doc. ID: \_\_\_\_\_; Was radon detected above regulatory levels? Y/N Have mitigation actions been instituted? Y/N ; When? \_\_\_\_\_

Has the potable water supply been tested? Y/N If yes, can you provide the test results? Y/N If yes, Doc. ID: \_\_\_\_\_

Process Water Supply: (*Installation, City, County, Facility well, River, Other:* \_\_\_\_\_);

Are there any PCB-containing equipment other than transformers in this area/facility? Y/N If yes, can you provide a list identifying the status of each and a map locating all identified locations? Y/N If yes, Document ID: \_\_\_\_\_; If no, Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_; Are any of these investigation or cleanup sites? Y/N *If yes, enter required information into Table I-4*

Are there any transformers in the area or facility? Y/N If yes, Can you provide a list and a map of them? Y/N If yes, Document ID: \_\_\_\_\_; If no, list: Map ID: \_\_\_\_\_;

Pole No. \_\_\_\_\_; Coordinates: \_\_\_\_\_;

Pole No. \_\_\_\_\_; Coordinates: \_\_\_\_\_;

Pole No. \_\_\_\_\_; Coordinates: \_\_\_\_\_;

Have these transformers been inspected and tested? Y/N If yes, Can you provide documentation? Y/N If yes, Document ID: \_\_\_\_\_; Are any of these investigation or cleanup sites? Y/N *If yes, enter required information into Table I-4.*

Where is transformer retrofitting conducted? \_\_\_\_\_; Does the installation have a storage site for PCB wastes? Y/N If yes, Facility: \_\_\_\_\_; Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_

Are or have there been air emissions from this installation/facility? Y/N If yes, can you provide a copy of the permit(s) and a complete list of all sources and a map locating the historical and present sources? Y/N If yes, Doc. ID: \_\_\_\_\_; If no, Describe: \_\_\_\_\_;

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
Interviewee: \_\_\_\_\_

Is the facility under a consent order, compliance schedule, or ever received a Notice of Violation for air emissions? Y/N ; If yes, Explain: \_\_\_\_\_  
\_\_\_\_\_

**INVESTIGATION AND CLEANUP ACTIVITIES**

Describe any past or present investigation or cleanup sites in this area or associated with this facility.

**TABLE I-4: INVESTIGATION AND CLEANUP SITES**

<b>SITE ID</b>	<b>NAME</b>	<b>CONTAMINANTS</b>	<b>STATUS/ ACTIVITY</b>	<b>DOC ID MAP ID</b>	<b>MAP COORD.</b>

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
Interviewee: \_\_\_\_\_

**MISCELLANEOUS**

Are there any pipelines located in this area/facility? Y/N If yes, sketch in approximate location(s). Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_; Size: \_\_\_\_\_; Construction: \_\_\_\_\_; Contents: \_\_\_\_\_; Pressure tested? Y/N Date of last test: \_\_\_\_\_; Has it leaked? Y/N If yes, Is or was an investigation and remedial action conducted? Y/N *If yes, enter required information into Table I-4.*

Have there been any demolition activities in this area or in relation to this facility? Y/N If yes, What was demolished?

\_\_\_\_\_  
Where was it located? Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_  
Where was the demolition wastes disposed? Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_  
*Use Table I-2 to describe the demolished facility's use history.*  
Were there associated USTs or ASTs? Y/N/U *If yes, enter required information into Table I-3.*  
Is or was an investigation and remedial action conducted? Y/N *If yes, enter required information into Table I-4.*

Are there any pending, threatened, or past litigation, administrative proceedings, or notices from any governmental entity regarding any possible violation of laws or possible liability relating to hazardous substances or petroleum products in, on, or from the area or facility? Y/N Explain: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Can you provide documentation? Y/N If yes, Document ID: \_\_\_\_\_



**APPENDIX E**

**SAMPLE VISUAL INSPECTION FORM**

**FORM 4 - VISUAL INSPECTIONS**

Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_  
 Installation Name: \_\_\_\_\_; Installation Code: \_\_\_\_\_  
 Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No. \_\_\_\_\_;  
 Facility Name: \_\_\_\_\_; Map ID: \_\_\_\_\_; Coordinates: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Area/Facility Use: (*Undeveloped, Agriculture, Housing, Recreation, Commercial, Utilities, Light Industrial, Heavy Industrial, Other:* \_\_\_\_\_); Acreage: \_\_\_\_\_;  
 Associated IRP Site, SWMU, or OU? Y/N/U ; If yes, Site ID(s): \_\_\_\_\_  
 Area/Facility contact name/title: \_\_\_\_\_; Phone: \_\_\_\_\_

**Escort Information:**

Name: \_\_\_\_\_; Organization: \_\_\_\_\_; Title: \_\_\_\_\_  
 Role/Responsibility: \_\_\_\_\_; Phone: \_\_\_\_\_;  
 Period for which the person would have specific and detailed knowledge of the area or facility in question:  
 \_\_\_\_\_

**Inspection Information:**

Methods used to observe area or facility: (*Air, Auto, Walk, Onsite, Remote:* \_\_\_\_\_)  
 Inspection Complete? Y/N If no, explain: \_\_\_\_\_  
 \_\_\_\_\_

**Setting:**

Adjoining land use (show on map): \_\_\_\_\_  
 \_\_\_\_\_  
 Roads without outlets? Y/N ; Describe use: \_\_\_\_\_  
 Wetlands, Streams, Springs/seeps?: Y/N (delineate on map as W, S, SS, respectively);  
 Surface Cover: (*Vegetation, Manmade; Type:* \_\_\_\_\_);

**Construction:**

Structure: (*Metal frame, Wood frame, Concrete*);  
 Siding (*Metal, Wood, Concrete, PVC, Other*\_\_\_\_\_);  
 Flooring Material: (*Wood, Concrete, Ceramic, Vinyl*);  
 Roofing Material: (*Composition, Sheet Metal, Tar, Tiles, Slate, Cedar Shake, Rubberized, Fiberglass*)  
 Insulation Material: (*Fiberglass, Foam, Unknown*)

**Facility Utilities:**

Heating/Ventilation/Cooling (HVAC) System: (*Oil/forced air, Gas/forced air, Electrical, Steam, Hot water*);  
 HVAC Power: (*Gas, Oil, Coal, Electric*); Backup Power Supply? Y/N;  
 Boiler Room? Y/N; Exhaust System? Y/N

**Use History:**

Describe in Table I-2 additional information regarding the use history of this area or facility discovered during the visual inspection that was not already described during interviews.

**FORM 4 - VISUAL INSPECTIONS (continued)**

Installation Code: \_\_\_\_\_; Area: \_\_\_\_\_; Parcel: \_\_\_\_\_; Facility No: \_\_\_\_\_  
Team Member Name: \_\_\_\_\_; Date: \_\_\_\_\_

**FEATURES** (Circle each form used. Use the appropriate form listed below.)

- FORM V1: STORAGE TANKS: ASTs, USTs, Oil/Water Separators
- FORM V2: HAZARDOUS SUBSTANCES AND/OR PETROLEUM PRODUCTS USED OR GENERATED, AND THEIR STORAGE AND DISPOSAL (except for USTs and ASTs).
- FORM V3: POTENTIAL RELEASES: As indicated by stains, pools, stressed vegetation, odors, burned areas, illicit dumping and other uncontrolled waste.
- FORM V4: WASTE WATER: Occurrence and disposition, including storm water, cooling water, waste water from processes, facility floors, oil-water separators, sumps, dry wells, etc.
- FORM V5: PIPELINES
- FORM V6: TRANSFORMERS: inventory, including capacitors.
- FORM V7: PONDS: Including infiltration ponds, waste water treatment reservoirs, etc.
- FORM V8: AIR EMISSIONS: Including incinerators, boilers, process, or laboratory exhaust.
- FORM V9: POTENTIAL ASBESTOS CONTAINING MATERIALS
- FORM V10: WELLS: Including drinking water, process water, agricultural, monitoring, injection, oil, and gas.

**PHOTOGRAPHS**

Frame Number	Compass View	Subject

**APPENDIX F**

**ENVIRONMENTAL TITLE HISTORY REPORT**

## APPENDIX F

### CHAIN OF TITLE REPORT BRAC PROPERTY SENECA ARMY DEPOT ACTIVITY, NEW YORK

REPORT PARCEL	DATE TRANSFERRED	ACREAGE	OWNER	OWNERSHIP MAP REFERENCE <sup>a</sup>	COMMENTS
1	10/20/1941	3.25	The Trustees of First Baptist Cemetery Association and Society of Romulus, NY	66, 72	
2	8/4/1941	310.82	Chester Phillips, Frank S. Williams and Carrie Isabelle Williams, his wife	57, 66, 80	
3	8/4/1941	199	First National Bank of Waterloo, Chester Phillips, Marline Phillips and John Sutton	57, 62, 80, 87	
4	3/6/1942	221.75	Violet Yates, et al.	61, 79, 81, 87, 88	
5	1/19/1942	242.56	Clement B. Cole, et al.	57, 66, 75, 76, 87	
6	12/17/1941	2.79	Trustees of School District No. 19, Varick, NY	57, 74, 75, 87, 88	
7	4/21/1943	0.786	Lehigh Valley Railroad		
8	8/4/1941	67, 0.5, 89, 122.32, 243.82	Chester Phillips, et al.	57, 66, 80	
9	11/22/1941	52, 32.68, 0.90	Albert A. Van Riper and Catherine G. Van Riper; Frank Dullmeyer and Frances, his wife	57, 58	
10	12/1/1941	67.31	John B. Lisk and Edith S. Lisk, his wife	62	
11	12/1/1941	85	George G. Ehle, widower	61	
12	12/1/1941	68.14	Libby Laskowske, widow	51	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
13	11/29/1941	.5	Myrtle C. Moses, and Charles F. Moses, her husband	56	
14	11/29/1941	66.59, 29.67	Jay H. Van Riper and Pearl M. Van Riper, his wife	55, 61	
15	11/29/1941	40	Albert Collins	62	
16	10/30/1941	67	Wilson Grant Hunt Buchholz and Esther G. Buchholz, his wife	57	
17	11/21/1941	50	Adelbert Abner Thompson and Martha B. Thompson, his wife	56	
18	11/21/1941	170	Anna May McGrane, S. Agnes McGrane, Gordon McGrane, unmarried and Charles McGrane, married	51, 52	
19	11/21/1941	100	Anna M. McGrane and Gordon McGrane, Executors of the last Will and Testament of Margaret McGrane	52	
20	11/15/1941	150	John E. McGrane Executor of John McGrane, deceased	56	
21	11/15/1941	100	Clara E. Cook, widow and Anna E. McKnight, unmarried	57	
22	11/14/1941	131.54	Emma C. Hogan and William E. Hogan, her husband	52	
23	11/22/1941	67	Chester W. Phillips and Ina Phillips, his wife	57	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
24	11/28/1941	1, 1	Marick Wesleyan Methodist Church, et al.	61, 62	
25	11/22/1941	5, 12, 33	Chester W. Phillips and Ina M. Phillips, his wife, and Merline C. Phillips and Virginia M. Phillips, his wife	62	
26	12/8/1941	109.93	Paul and Sadie E. Olsowske, husband and wife	52	
27	12/8/1941	4.5	Scott Briggs and Margaret L. Briggs, his wife	61	
28	12/8/1941	35	Martha B. Crane, married	62	
29	12/8/1941	50	Lillian I. Everett, married	61	
30	12/8/1941	75, 150	Walter B. Keefer and Georgia Keefer, his wife	58, 63	
31	12/9/1941	50	Henry J. Hoster, executor of the Albert J. Kreutter Will	57	
32	12/9/1941	3.20	Barton L. Van Riper and Emily L. Van Riper, his wife	62	
33	12/9/1941	50	John T. White and Elizabeth Loretta White, his wife	61	
34	12/9/1941	65.222, 43.04	Burt B. Van Riper and Ella S. Van Riper, his wife	58	
35	12/9/1941	20	Martha B. Thompson	56	
36	12/15/1941	57.81	Albert Covert and Bertha M. Covert, his wife	57	
37	12/15/1941	97.27	Leah E. Thorpe and Harry E. Thorpe, her husband	61	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
38	12/15/1941	2	William O'Marra and Frances Catherine O'Marra	63	
39	12/15/1941	17.108, 31.759	Martin O'Marra and Mary E. O'Marra, his wife	58	
40	12/15/1941	21	Frank Komonek and Eva Komonek, his wife	61	
41	12/15/1941	51	Rosetta Campbell and John Campbell, her husband	61	
42	12/15/1941	101	Fred C. Thorp and Bertha H. Thorp, his wife	61	
43	12/16/1941	65.95	Charles H. Jacobus and Laura M. Jacobus, his wife	62	
44	12/9/1941	57.71	John B. Lisk, Edith S. Lisk, his wife and Charles W. Lisk, widower	62	
45	12/9/1941	89.17	Edith S. Lisk and John B. Lisk, her husband	62	
46	12/16/1941	25	Harry Pettit and Elizabeth Pettit	62	
47	12/23/1941	112.25	Ernest N. Van Riper and Irene B. Van Riper, his wife	63	
48	12/23/1941	2	J. Oren Somerville and Mary G. Somerville, his wife	63	
49	12/23/1941	76	Emma S. Bolles, widow	63	
50	11/29/1941	51.55	Charles J. Baldrige and Mary K. Baldrige, his wife	61, 66	
51	1/2/1942	12.142, 6.787	Thomas W. Osborne, unmarried	58	
52	1/14/1942	46.242, 56.379	Monroe Jacob Post and Dellaphine Post, his wife	49	
53	1/14/1942	84.28	The Seneca Falls Savings Bank	56	



**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
54	1/22/1942	89.74	C. Edward Montford and Emily Cutler Montford, his wife	62, 63	
55	1/29/1942	127.9	Harold M. Robbins and Gladys I. Robbins, his wife	56	
56	1/29/1942	145, 34.98, 9.60	Richard Montgomery Seeley and Clara B. Seeley, his wife	51, 55	
57	1/30/1942	166.08, 26.85	Wilson G.H. Buchholz, Esther G. Buchholz, his wife, and August L. Buchholz, widower	57	
58	3/9/1942	8.805	John Dwire, et al.	51	
59	8/11/1941	15, 64.35, 62.05, 135.03, 64.35, 62.05, 0.034	John E. Deasy, et al.	62, 69	
60	4/2/1942	137.578, 49.632	Monroe J. Post and Delaphine Post, his wife	51	
61	2/16/1942	67	August L. Buchholz	57	
62	5/7/1942	9.327, 31.123, 19.27	Francis H. Lockwood and Cora P. Lockwood, his wife	58, 63	
63	8/7/1942	58.57	Jay H. Van Riper, et al.	62	
64	9/25/1941	12	E.P. Walker, et al.	63	
65	10/2/1941	48, 0.8, 1.2	First National Bank of Waterloo, a New York Corporation	57	
66	10/29/1941	67	Albert J. Covert and Bertha M. Covert, husband and wife	56	
67	8/22/1941	50	Laverna Deady, et al.	51	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
68	11/13/1941	12.096, 47.028	Harry Guilfoos, Florence S. Guilfoos, his wife; Burgess Guilfoos, Myra D. Guilfoos, his wife and William Guilfoos and Jennie Guilfoos, his wife	53	
69	11/14/1941	100, 81	Peter Murphy and V. Mae Murphy, husband and wife	51, 52	
70	11/14/1941	37.001	Alida A. King and Flood S. King, her husband	52	
71	12/23/1941	2.17, 0.5, 0.5, 0.091	Floyd J. Russell and Maude Russell, his wife	66	
72	12/17/1943	8.946, 0.844	Emerson G. O'Connor as Commissioner of Public Welfare District, Waterloo, Seneca County	87	
73	11/21/1941	Unstated	Walter Howerth and Myra Howerth, his wife, and Warren Reeder and Katherine Reeder, his wife	74	
74	12/1/1941	85.05	Walter Howerth and Mary Howerth, his wife	74	
75	12/1/1941	26	Daniel A. Johnson and Margaret M. Johnson, his wife	87	
76	11/29/1941	1.3	The First Baptist Church of Romulus, a New York corporation	67	
77	7/28/1941	175.50	Ellen A. Garnett, et al.	130, 131, 131a	
78	11/22/1941	106.25	Charles E. and Margaret M. Kaufman, husband and wife	75	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
79	11/22/1941	82.15	Earl Bogardus and Ora Bogardus, his wife	67	
80	11/21/1941	100	Warren Reeder and Katherine Reeder, his wife	74	
81	11/21/1941	1.537	Francis C. Hinman and Leona E. Hinman, his wife	75	
82	11/14/1941	70	Clayton H. Ernsberger and Martha B. Ernsberger, his wife	67	
83	11/14/1941	0.833	Homer W. Burritt and Ruth E. Burritt, also known as Ruth S. Burritt, his wife	67	
84	11/14/1941	136.75	Doc E. Budman, widower	74	
85	11/14/1941	117, 0.866	Haratio D. Burritt, widower	67	
86	11/14/1941	100.41	Charles J. Baldrige and Mary K. Baldrige, his wife	67	
87	11/14/1941	50	Clifford A. Fingar and Cora B. Fingar, his wife	81	
88	10/30/1941	100	Claudius C. Cole, widower and Charles E. Kaufman and Margaret M. Kaufman, his wife	68	
89	10/30/1941	49, 0.37	Leonard D. Moses and Dorothy Moses, his wife	68	
90	10/29/1941	14, 11	Harry J. Williams and Grace D. Williams, his wife	67	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
91	10/29/1941	Unstated	Robert E. Sheridan and Mary A. Sheridan, husband and wife	67	
92	10/29/1941	Unstated	Benjamin Franklin Gates and Anna E. Gates, husband and wife	67	
93	8/11/1941	232.21	J. Wallace Coryell, et al.	74, 75	
94	9/4/1941	175.50	Clinton L. Garnett, individually and as Administrator of the Estate of Millard F. Garnett, deceased	Unknown	
95	9/4/1941	175.50	Eleen A. Garnett	130, 131, 131a	
96	10/7/1941	10, 0.16	J. Wallace Coryell and M. Alice Coryell, his wife	74	
97	12/29/1942	23.18	Peter McCarl	79, 80	
98	4/10/1942	122.3	Clement B. Cole and Elizabeth G. Cole, his wife, and Claudius C. Cole and Jennie M. Cole, his wife	66	
99	11/29/1941	12, 103	Charles J. Baldrige and Mary K. Baldrige, his wife	74, 80	
100	12/8/1941	20.58	Joseph Bruce, unmarried	80	
101	12/8/1941	11	Frank J. Marsh, widower	80	
102	12/9/1941	93, 10	Mary B. Baldrige, widow	74, 75	
103	12/8/1941	24	Wilbert Leroy Gates and Virginia M. Gates, his wife	66	
104	11/26/1941	19.371/2	Julia E. Litchfield and Frank W. Litchfield, her husband	68	
105	12/15/1941	167.76, 20	Clare M. Rundell and Mary L. Rundell, husband and wife	68, 74	
106	12/16/1941	2	Jennie E. Osford, widow	66	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
107	12/16/1941	22	Erik Alexander Yougberg and Helena Alexandra Yougberg, his wife	87	
108	12/15/1941	1	Mont Troutman, Clara T. Bonard and her husband George, Maude T. Russell and F.J. Russell, her husband, Zadie T. Yakley and Reuben, her husband, John Troutman and Emma, his wife and Mary and Bert T. Young, husband and wife	87	
109	12/16/1941	1	Earl Bogardus and Ora Bogardus, his wife	66	
110	12/23/1941	0.45	Thomas J. Bogardus and Bernice Bogardus, his wife	66	
111	12/3/1941	20, 2.83, 1.75	Richard Voight and Mildred R. Voight	66	
112	12/23/1941	10	Emerson G. O'Connor	81	
113	12/23/1941	5	James G. Crane and Susie Crane, his wife	66	
114	11/21/1941	59	Issac W. Williams, widower	66	
115	12/23/1941	93.66	Clarence E. Gates and Myrtle Gates, his wife	66	
116	1/2/1942	182.06	Veronica Maher, individually and as Executrix of the Estate of John Maher, deceased	81, 82	
118	1/2/1942	60, 78.16	John McGinnis and Mary E. McGinnis, his wife	81, 88, 89	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
119	1/2/1942	22.201, 5.989	Albert L. Conkling and Thusa B. Conkling, husband and wife	79	
120	1/2/1942	88.02	Seneca Falls Savings Bank	67	
121	1/2/1942	102.14	The First National Bank of Ovid	81	
122	1/2/1942	57.25, 11.561	Minnie J. Bogardus widow, and Alvah Bogardus, unmarried	66	
123	1/2/1942	103.363	Thomas Kokot and Josephine, his wife	75, 76	
124	1/14/1942	54	Jesse Y. Covert and Nora, his wife	89	
125	1/14/1942	4.74	John Troutman and Emma Troutman, his wife	75	
126	1/14/1942	65	Ella Sturges, unmarried	74, 80	
127	1/14/1942	40.07	Thomas Sturges, unmarried and Ella Sturges, unmarried	81	
128	1/14/1942	140	Raymond B. Wells and Henrietta E. Wells, his wife	80, 87	
129	1/14/1942	160.95	Willis W. Blaine, unmarried	88, 89	
130	1/14/1942	38.254	Emma Bolles, widow, and Albert Bolles	68	
131	1/14/1942	3	Mary C. Harrington, widow	87	
132	1/14/1942	57.99, 53.055	Margaret Fitzgerald	82	
133	1/14/1942	20.39, 3.5	Anna L. Carey, widow	75	
134	1/14/1942	65.099, 55.991, 65.37	Vance Crane and Nellie R. Crane, his wife, and Ella Everett, unmarried	82	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
135	1/22/1942	11.8	M. Alice Coryell, Julia E. Litchfield, Dean R. Fillingham, George Fillingham and Glenn Fillingham, Helen F. Carter, Emily Cornzve, Alice Lewis and Frances S. Fillingham	81	
136	1/22/1942	109.03	Anna C. Williams	68	
137	1/22/1942	3.25, 29.25	Walter S. Carmer and Emma Carmer, his wife	88	
138	1/22/1942	2	Fannie Louise Walker	66	
139	1/29/1942	115.1	Leon B. Godley and Eva M. Godley, his wife	81	
140	1/29/1942	47.244, 52.506	Charles Dunlap, widower	88	
141	1/22/1942	6.798	Paul P. Kinne and Dorothy W. Kinne, his wife	88	
142	2/18/1942	34.50, 11	Roy Doane and Daisy Doane, his wife	88	
143	2/18/1942	12.13, 14, 23.64, 6.54	Stella Jurewicz and Joseph Jurewicz, her husband	75	
144	1/14/1942	48.78, 51.79, 2	Charles C. Carson and Florence C. Carson, his wife	80	
145	1/14/1942	100.54	Doc E. Budman, widower	74	
146	2/16/1942	84.09	Clarence N. Freligh, and Lois H. Freligh, his wife	87	
147	3/12/1942	232.21	J. Wallace Coryell, et al.	75, 81, 87	
148	4/1/1942	5.27	Marion E. Crane and Martha B. Crane, his wife	66	
149	4/1/1942	51.45	John B. Trainor and Cecelia Keenan Trainor, his wife	76, 82	

**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
150	4/1/1942	.013	Percy B. Smith and Pauline Smith, his wife	66	
151	4/1/1942	0.067	Anna Hamilton, widow	66	
152	4/2/1942	73	Joseph McElroy and Nora K. McElroy, his wife, and Anna M. McElroy, widow	81	
153	3/13/1942	18	Maude E. Secor and Clifford R. Secor	139	
154	4/20/1942	171.447	Elizabeth Alleman and Marion Alleman	64	
155	5/7/1942	2.261	R. Augusta Hagerty, widow	64	
156	2/24/1942	4	Albert J. Covert and Bertha M. Covert, his wife, Lena E. Garrison, Ida G. Van Nostrand, widow, Alice M. Crane and Chester Crane, her husband, Thusa B. Conkling and Albert L. Conkling, her husband, Leslie A. Covert and Hazel O. Covert, his wife all the heirs to the Last Will and Testament of Horatio J. Covert, deceased	67	
157	5/27/1942	102.87, 11.84, 8	Daniel W. Brown as agent for the stockholders of Romulus National Bank, Romulus, NY	80, 81	
158	4/2/1942	55	Charles A. Freligh, an infant and J. Seward Bodine, his Special Guardian	80	
159	5/27/1942	55	Cora E. Freligh, widow and Frances	80	



**APPENDIX F  
(Continued)**

<b>REPORT PARCEL</b>	<b>DATE TRANSFERRED</b>	<b>ACREAGE</b>	<b>OWNER</b>	<b>OWNERSHIP MAP REFERENCE<sup>a</sup></b>	<b>COMMENTS</b>
			E. Freligh, unmarried, with Charles A. Freligh, an infant, heirs of Charles A. Freligh, deceased		
160	5/27/1942	256.89, 61.635, 136.65	Winfield A. Smith, unmarried	72, 73, 74	
161	7/15/1942	7.243 except 0.365	Leslie D. Marquart and Lida Marquart, his wife	64	
162	7/15/1942	.486	Maurice M. Crane and Daisie M. Crane, his wife	64	
163	4/2/1942	83.21 (except 6.06, 6.06), 40	George F. Kirkmire and Marie Kirkmire, his wife	75	
164	7/9/1942	Unstated	First Baptist Church of Romulus, an Incorporated Religious Association of the State of New York, and The Cemetery Association of The First Baptist Church and Society of Romulus, a Membership corporation of NY	66	
165	6/12/1942	50, 5.5, 2.5, 2	John G. Secor and Maude E. Secor, his wife	75, 81	
166	5/14/1942	10, 11	Harry Quinn and Helen Quinn, his wife	87	

Note:

<sup>a</sup>Source: Project Map, Seneca Army Depot, Romulus, New York.



## **APPENDIX G**

### **NON-CERCLA ISSUES TABLES**



**Table G-1**  
**POTENTIAL ASBESTOS HAZARDS AT SENECA ARMY DEPOT ACTIVITY**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
6	0.013934803	607	Asbestos Present (Survey), No Remediation	A	23
106	0.016528926	720	Asbestos Present (Survey), No Remediation	A	23
106	0.226698806	9875	Asbestos Present (Survey), No Remediation	A	23
106	0.010743802	468	Asbestos Present (Survey), No Remediation	A	23
113	0.378879706	16504	Asbestos Present (Survey), No Remediation	A	23
117	0.016988062	740	Asbestos Present (Survey), No Remediation	A	23
117	0.4390955	19127	Asbestos Present (Survey), No Remediation	A	23
120	0.009182736	400	Asbestos Present (Survey), No Remediation	A	23
122	0.282782369	12318	Asbestos Present (Survey), No Remediation	A	23
124	0.03597337	1567	Asbestos Present (Survey), No Remediation	A	23
135	0.115105601	5014	Asbestos Present (Survey), No Remediation	A	23
202	0.041460055	1806	Asbestos Present (Survey), No Remediation	A	23
203	0.045913682	2000	Asbestos Present (Survey), No Remediation	A	23
204	0.048989899	2134	Asbestos Present (Survey), No Remediation	A	23
205	0.045913682	2000	Asbestos Present (Survey), No Remediation	A	23
206	0.045913682	2000	Asbestos Present (Survey), No Remediation	A	23
207	0.045913682	2000	Asbestos Present (Survey), No Remediation	A	23
214	0.043526171	1896	Asbestos Present (Survey), No Remediation	A	23
215	0.041460055	1806	Asbestos Present (Survey), No Remediation	A	23
216	0.041460055	1806	Asbestos Present (Survey), No Remediation	A	23
217	0.045913682	2000	Asbestos Present (Survey), No Remediation	A	23
247	0.00137741	60	Asbestos Present (Survey), No Remediation	A	11
309	0.189187328	8241	Asbestos Present (Survey), No Remediation	A	23
311	0.266942149	11628	Asbestos Present (Survey), No Remediation	A	23
319	0.06584022	2868	Asbestos Present (Survey), No Remediation	A	23
334	0.688705234	30000	Asbestos Present (Survey), No Remediation	A	23
334	0.036065197	1571	Asbestos Present (Survey), No Remediation	A	23
353	0.037695133	1642	Asbestos Present (Survey), No Remediation	A	23
359	0.003443526	150	Asbestos Present (Survey), No Remediation	A	23
360	0.198806244	8660	Asbestos Present (Survey), No Remediation	A	23
366	0.021808999	950	Asbestos Present (Survey), No Remediation	A	23
606	0.078374656	3414	Asbestos Present (Survey), No Remediation	A	23
703	0.931404959	40572	Asbestos Present (Survey), No Remediation	A	23
704	0.714233242	31112	Asbestos Present (Survey), No Remediation	A	23
705A	0.08822314	3843	Asbestos Present (Survey), No Remediation	A	23
705	0.183562902	7996	Asbestos Present (Survey), No Remediation	A	23
708	0.714233242	31112	Asbestos Present (Survey), No Remediation	A	23
715	0.110009183	4792	Asbestos Present (Survey), No Remediation	A	23
720	0.098301194	4282	Asbestos Present (Survey), No Remediation	A	23
723	0.395064279	17209	Asbestos Present (Survey), No Remediation	A	23
723	0.136983471	5967	Asbestos Present (Survey), No Remediation	A	23
740	0.047842057	2084	Asbestos Present (Survey), No Remediation	A	23
740	0.055417815	2414	Asbestos Present (Survey), No Remediation	A	23
742	0.031955923	1392	Asbestos Present (Survey), No Remediation	A	23
742	0.011478421	500	Asbestos Present (Survey), No Remediation	A	23
800	0.029201102	1272	Asbestos Present (Survey), No Remediation	A	23
804	0.030624426	1334	Asbestos Present (Survey), No Remediation	A	23
806	0.091827365	4000	Asbestos Present (Survey), No Remediation	A	23
807	0.091827365	4000	Asbestos Present (Survey), No Remediation	A	23
814	0.082231405	3582	Asbestos Present (Survey), No Remediation	A	23
817	0.021671258	944	Asbestos Present (Survey), No Remediation	A	23
819	0.189784206	8267	Asbestos Present (Survey), No Remediation	A	23
2074	0.003627181	158	Asbestos Present (Survey), No Remediation	A	23
2076	0.124885216	5440	Asbestos Present (Survey), No Remediation	A	23
2078	0.172038567	7494	Asbestos Present (Survey), No Remediation	A	23
2079	0.044214876	1926	Asbestos Present (Survey), No Remediation	A	23
2085	0.037695133	1642	Asbestos Present (Survey), No Remediation	A	23
2106	0.013429752	585	Asbestos Present (Survey), No Remediation	A	23
2117	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23

**Table G-1  
(Continued)**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
2118	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2119	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2120	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2121	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2122	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2123	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2124	0.259320478	11296	Asbestos Present (Survey), No Remediation	A	23
2207	0.081841139	3565	Asbestos Present (Survey), No Remediation	A	23
2305	0.128305785	5589	Asbestos Present (Survey), No Remediation	A	23
2434	0.003305785	144	Asbestos Present (Survey), No Remediation	A	23
2401	0.061983471	2700	Asbestos Present (Survey), No Remediation	A	23
2403	0.042378329	1846	Asbestos Present (Survey), No Remediation	A	23
2404	0.050137741	2184	Asbestos Present (Survey), No Remediation	A	23
2406	0.050596878	2204	Asbestos Present (Survey), No Remediation	A	23
2408	0.094191919	4103	Asbestos Present (Survey), No Remediation	A	23
2412	0.024494949	1067	Asbestos Present (Survey), No Remediation	A	23
2414	0.045179063	1968	Asbestos Present (Survey), No Remediation	A	23
2415	0.023852158	1039	Asbestos Present (Survey), No Remediation	A	23
2418	0.017906336	780	Asbestos Present (Survey), No Remediation	A	23
2419	0.029889807	1302	Asbestos Present (Survey), No Remediation	A	23
2421	0.040426997	1761	Asbestos Present (Survey), No Remediation	A	23
2423	0.030371901	1323	Asbestos Present (Survey), No Remediation	A	23
2425	0.027961433	1218	Asbestos Present (Survey), No Remediation	A	23
2426	0.022222222	968	Asbestos Present (Survey), No Remediation	A	23
2427	0.02100551	915	Asbestos Present (Survey), No Remediation	A	23
2429	0.023415978	1020	Asbestos Present (Survey), No Remediation	A	23
2432	0.034205693	1490	Asbestos Present (Survey), No Remediation	A	23
2437	0.041666667	1815	Asbestos Present (Survey), No Remediation	A	23
2438	0.026629936	1160	Asbestos Present (Survey), No Remediation	A	23
2441	0.023553719	1026	Asbestos Present (Survey), No Remediation	A	23
2443	0.028420569	1238	Asbestos Present (Survey), No Remediation	A	23
2446	0.026538108	1156	Asbestos Present (Survey), No Remediation	A	23
2448	0.029063361	1266	Asbestos Present (Survey), No Remediation	A	23
2450	0.023553719	1026	Asbestos Present (Survey), No Remediation	A	23
2452	0.026767677	1166	Asbestos Present (Survey), No Remediation	A	23
2453	0.030601469	1333	Asbestos Present (Survey), No Remediation	A	23
2466	0.007300275	318	Asbestos Present (Survey), No Remediation	A	23
200-A	0.03503214	1526	Asbestos Present (Survey), No Remediation	A	23
200-B	0.03503214	1526	Asbestos Present (Survey), No Remediation	A	23
201-A	0.03503214	1526	Asbestos Present (Survey), No Remediation	A	23
201-B	0.03503214	1526	Asbestos Present (Survey), No Remediation	A	23
208-A	0.058735078	2559	Asbestos Present (Survey), No Remediation	A	23
208-B	0.058735078	2559	Asbestos Present (Survey), No Remediation	A	23
209-A	0.058735078	2559	Asbestos Present (Survey), No Remediation	A	23
209-B	0.058735078	2559	Asbestos Present (Survey), No Remediation	A	23
210-A	0.040174472	1750	Asbestos Present (Survey), No Remediation	A	23
210-B	0.040174472	1750	Asbestos Present (Survey), No Remediation	A	23
211-A	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
211-B	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
213-A	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
213-B	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
218-A	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
218-B	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
219-A	0.040174472	1750	Asbestos Present (Survey), No Remediation	A	23
221-A	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
221-B	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
222-A	0.040174472	1750	Asbestos Present (Survey), No Remediation	A	23
222-B	0.040174472	1750	Asbestos Present (Survey), No Remediation	A	23
223-A	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23
223-B	0.036730946	1600	Asbestos Present (Survey), No Remediation	A	23



**Table G-1  
(Continued)**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
242-C	0.030291552	1320	Asbestos Present (Survey), No Remediation	A	23
242-D	0.030291552	1320	Asbestos Present (Survey), No Remediation	A	23
243-A	0.033964646	1480	Asbestos Present (Survey), No Remediation	A	23
243-B	0.033964646	1480	Asbestos Present (Survey), No Remediation	A	23
243-C	0.033964646	1480	Asbestos Present (Survey), No Remediation	A	23
243-D	0.033964646	1480	Asbestos Present (Survey), No Remediation	A	23
244-C	0.033964646	1480	Asbestos Present (Survey), No Remediation	A	23
245-A	0.033964646	1480	Asbestos Present (Survey), No Remediation	A	23
369/607	0.009917355	432	Asbestos Present (Survey), No Remediation	A	23
101	0.339118457	14772	Asbestos Present (Survey), Partially Remediated	A	23
103	0.041322314	1800	Asbestos Present (Survey), Partially Remediated	A	23
103	0.223278237	9726	Asbestos Present (Survey), Partially Remediated	A	23
125	0.097796143	4260	Asbestos Present (Survey), Partially Remediated	A	23
323	1.595500459	69500	Asbestos Present (Survey), Partially Remediated	A	23
323	0.470615243	20500	Asbestos Present (Survey), Partially Remediated	A	23
609	0.015886134	692	Asbestos Present (Survey), Partially Remediated	A	23
701	0.327823691	14280	Asbestos Present (Survey), Partially Remediated	A	23
702	0.022956841	1000	Asbestos Present (Survey), Partially Remediated	A	23
702	0.025252525	1100	Asbestos Present (Survey), Partially Remediated	A	23
702	0.031703398	1381	Asbestos Present (Survey), Partially Remediated	A	23
702	0.037396694	1629	Asbestos Present (Survey), Partially Remediated	A	23
702	0.302295684	13168	Asbestos Present (Survey), Partially Remediated	A	23
729	0.106060606	4620	Asbestos Present (Survey), Partially Remediated	A	23
810	0.871740129	37973	Asbestos Present (Survey), Partially Remediated	A	23
812	0.245316804	10686	Asbestos Present (Survey), Partially Remediated	A	23
2077	0.012970615	565	Asbestos Present (Survey), Partially Remediated	A	23
2084	0.125803489	5480	Asbestos Present (Survey), Partially Remediated	A	23
2104	0.029843893	1300	Asbestos Present (Survey), Partially Remediated	A	23
2410	0.086019284	3747	Asbestos Present (Survey), Partially Remediated	A	23
2411	0.058195592	2535	Asbestos Present (Survey), Partially Remediated	A	23
S142	0.235353535	10252	Asbestos Present (Survey), Partially Remediated	A	23
T2458	0	?	Asbestos Present (Survey), Partially Remediated	A	23
1	0.005876951	256	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
137	0.004247016	185	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
145	0.012809917	558	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
307	0.045913682	2000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
320	0.374196511	16300	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
324	0.018916437	824	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
325	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
326	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
327	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
328	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
329	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
330	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
331	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
332	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
333	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22



**Table G-1  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Asbestos Status</b>	<b>Asbestos Qualifier</b>	<b>EBS Source of Evidence</b>
335	0.087855831	3827	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
339	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
340	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
341	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
342	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
343	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
345	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
346	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
347	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
348	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
349	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
350	2.066115702	90000	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
356	4.663567493	203145	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
357	4.663567493	203145	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
360	0.023507805	1024	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
363	0.002203857	96	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
373	0.024150597	1052	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
823	0.001584022	69	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
1593	0.003305785	144	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2086	0.017493113	762	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2202	0.003305785	144	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2407	0.013682277	596	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2439	0.008126722	354	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2445	0.021120294	920	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2470	0.011478421	500	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2471	0.011478421	500	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2472	0.011478421	500	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2474	0.016528926	720	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2475	0.015151515	660	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2476	0.016528926	720	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2477	0.017630854	768	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22

**Table G-1  
(Continued)**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
2478	0.016528926	720	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2480	0.015151515	660	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2481	0.016528926	720	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2482	0.017906336	780	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
2484	0.017630854	768	Asbestos Possible (Built Before 1985), No Remediation	A(P)	22
104	0.010606061	462	Asbestos Possible (Survey), No Remediation	A(P)	23
709	0.000344353	15	Asbestos Possible (Survey), No Remediation	A(P)	23
801	0.000344353	15	Asbestos Possible (Survey), No Remediation	A(P)	23
14		473	Asbestos Not Present (Built After 1984)	None	22
107		160	Asbestos Not Present (Built After 1984)	None	22
146		9000	Asbestos Not Present (Built After 1984)	None	22
147		4072	Asbestos Not Present (Built After 1984)	None	22
371		2245	Asbestos Not Present (Built After 1984)	None	22
372		5600	Asbestos Not Present (Built After 1984)	None	22
374		2100	Asbestos Not Present (Built After 1984)	None	22
375		216	Asbestos Not Present (Built After 1984)	None	22
376		6000	Asbestos Not Present (Built After 1984)	None	22
711		86	Asbestos Not Present (Built after 1984)	None	22
753		35	Asbestos Not Present (Built After 1984)	None	22
754		138	Asbestos Not Present (Built After 1984)	None	22
755		900	Asbestos Not Present (Built After 1984)	None	22
1594		3000	Asbestos Not Present (Built After 1984)	None	22
2109		?	Asbestos Not Present (Built After 1984)	None	22
2113		192	Asbestos Not Present (Built After 1984)	None	22
2114		800	Asbestos Not Present (Built After 1984)	None	22
2134		6000	Asbestos Not Present (Built After 1984)	None	22
2135		3600	Asbestos Not Present (Built After 1984)	None	22
2312		2401	Asbestos Not Present (Built After 1984)	None	22
2314		286	Asbestos Not Present (Built After 1984)	None	22
2315		5100	Asbestos Not Present (Built After 1984)	None	22
2316		?	Asbestos Not Present (Built After 1984)	None	22
2491		1976	Asbestos Not Present (Built After 1984)	None	22
2492		1976	Asbestos Not Present (Built After 1984)	None	22
2493		2096	Asbestos Not Present (Built After 1984)	None	22
2494		1976	Asbestos Not Present (Built After 1984)	None	22
2495		1976	Asbestos Not Present (Built After 1984)	None	22
2496		2096	Asbestos Not Present (Built After 1984)	None	22
2497		2096	Asbestos Not Present (Built After 1984)	None	22
2498		1976	Asbestos Not Present (Built After 1984)	None	22
2499		1976	Asbestos Not Present (Built After 1984)	None	22
2500		1976	Asbestos Not Present (Built After 1984)	None	22
2501		1976	Asbestos Not Present (Built After 1984)	None	22
2502		2096	Asbestos Not Present (Built After 1984)	None	22
2504		1976	Asbestos Not Present (Built After 1984)	None	22
2505		2380	Asbestos Not Present (Built After 1984)	None	22
2507		2288	Asbestos Not Present (Built After 1984)	None	22
2508		2380	Asbestos Not Present (Built After 1984)	None	22
2509		2288	Asbestos Not Present (Built After 1984)	None	22
2510		2380	Asbestos Not Present (Built After 1984)	None	22
2511		2288	Asbestos Not Present (Built After 1984)	None	22
2512		2288	Asbestos Not Present (Built After 1984)	None	22
2513		2288	Asbestos Not Present (Built After 1984)	None	22
2514		2288	Asbestos Not Present (Built After 1984)	None	22
2515		2288	Asbestos Not Present (Built After 1984)	None	22
2516		2380	Asbestos Not Present (Built After 1984)	None	22
2517		2380	Asbestos Not Present (Built After 1984)	None	22

**Table G-1  
(Continued)**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
2518		2380	Asbestos Not Present (Built After 1984)	None	22
2519		2288	Asbestos Not Present (Built After 1984)	None	22
2520		2380	Asbestos Not Present (Built After 1984)	None	22
2521		2288	Asbestos Not Present (Built After 1984)	None	22
2523		2288	Asbestos Not Present (Built After 1984)	None	22
2524		980	Asbestos Not Present (Built After 1984)	None	22
2525		980	Asbestos Not Present (Built After 1984)	None	22
110A		100	Asbestos Not Present (Built After 1984)	None	22
2479		924	Asbestos Not Present (Built After 1984)	None	22
2483		924	Asbestos Not Present (Built After 1984)	None	22
2486		891	Asbestos Not Present (Built After 1984)	None	22
2487		891	Asbestos Not Present (Built After 1984)	None	22
2488		891	Asbestos Not Present (Built After 1984)	None	22
2489		891	Asbestos Not Present (Built After 1984)	None	22
2490		891	Asbestos Not Present (Built After 1984)	None	22
2132		100	Asbestos Not Present (Igloo)	None	22
2133		100	Asbestos Not Present (Igloo)	None	22
A0101-102		2442	Asbestos Not Present (Igloo)	None	22
A0201, 203, 205, 207, 209, 211, 213, 215, 217		21789	Asbestos Not Present (Igloo)	None	22
A0202, 204, 206, 208, 210, 212, 214, 216, 218		16344	Asbestos Not Present (Igloo)	None	22
A0301, 303, 305, 307, 309, 311, 313, 315, 317		16344	Asbestos Not Present (Igloo)	None	22
A0302, 304, 306, 308, 310, 312, 314, 316		19368	Asbestos Not Present (Igloo)	None	22
A0401-409		16344	Asbestos Not Present (Igloo)	None	22
A0501-508		14528	Asbestos Not Present (Igloo)	None	22
A0601-610		18160	Asbestos Not Present (Igloo)	None	22
A0702-711		19976	Asbestos Not Present (Igloo)	None	22
A0801-811		19976	Asbestos Not Present (Igloo)	None	22
A0901-910		18160	Asbestos Not Present (Igloo)	None	22
A1001-A1012		21792	Asbestos Not Present (Igloo)	None	22
A1101-A1111		19976	Asbestos Not Present (Igloo)	None	22
B0101-B0112		21792	Asbestos Not Present (Igloo)	None	22
B0201-B0211		19976	Asbestos Not Present (Igloo)	None	22
B0301-B0311		19976	Asbestos Not Present (Igloo)	None	22
B0401-B0411		19976	Asbestos Not Present (Igloo)	None	22
B0501-B0511		19976	Asbestos Not Present (Igloo)	None	22
B0601-B0611		19976	Asbestos Not Present (Igloo)	None	22
B0701-B0711		19976	Asbestos Not Present (Igloo)	None	22
B0801-B0811		19976	Asbestos Not Present (Igloo)	None	22
B0901-B0911		19976	Asbestos Not Present (Igloo)	None	22
C0101-C0111		19976	Asbestos Not Present (Igloo)	None	22
C0201-C0211		19976	Asbestos Not Present (Igloo)	None	22
C0301-C0311		19976	Asbestos Not Present (Igloo)	None	22
C0401-C0412		21792	Asbestos Not Present (Igloo)	None	22
C0501-C0513		23608	Asbestos Not Present (Igloo)	None	22
C0601-C0611		19976	Asbestos Not Present (Igloo)	None	22
C0701-C0709		16344	Asbestos Not Present (Igloo)	None	22
C0801-C0809		16344	Asbestos Not Present (Igloo)	None	22
C0901-C0913		23608	Asbestos Not Present (Igloo)	None	22
D0101-D0113		23608	Asbestos Not Present (Igloo)	None	22
D0201-D0212		21792	Asbestos Not Present (Igloo)	None	22

**Table G-1  
(Continued)**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
D0301-D0313		23608	Asbestos Not Present (Igloo)	None	22
D0401-D013		23608	Asbestos Not Present (Igloo)	None	22
D0501-D0513		23608	Asbestos Not Present (Igloo)	None	22
D0601-D0612		21792	Asbestos Not Present (Igloo)	None	22
D0701-D0712		21792	Asbestos Not Present (Igloo)	None	22
D0801-D0812		21792	Asbestos Not Present (Igloo)	None	22
E0101-E0114		33726	Asbestos Not Present (Igloo)	None	22
E0201-E0214		33726	Asbestos Not Present (Igloo)	None	22
E0301-E0313		31317	Asbestos Not Present (Igloo)	None	22
E0401-E0413		31317	Asbestos Not Present (Igloo)	None	22
E0501-E0513		31317	Asbestos Not Present (Igloo)	None	22
E0601-E0611		26499	Asbestos Not Present (Igloo)	None	22
E0701-E0711		26499	Asbestos Not Present (Igloo)	None	22
E0801-E0811		26499	Asbestos Not Present (Igloo)	None	22
4		540	Asbestos Not Present (Survey)	None	23
9		824	Asbestos Not Present (Survey)	None	23
12		824	Asbestos Not Present (Survey)	None	23
102		428	Asbestos Not Present (Survey)	None	23
110		120	Asbestos Not Present (Survey)	None	23
114		12065	Asbestos Not Present (Survey)	None	23
116		3634	Asbestos Not Present (Survey)	None	23
116		9388	Asbestos Not Present (Survey)	None	23
116		445	Asbestos Not Present (Survey)	None	23
118		18928	Asbestos Not Present (Survey)	None	23
119		3205	Asbestos Not Present (Survey)	None	23
123		3205	Asbestos Not Present (Survey)	None	23
126		3220	Asbestos Not Present (Survey)	None	23
128		120	Asbestos Not Present (Survey)	None	23
130		214	Asbestos Not Present (Survey)	None	23
131		2400	Asbestos Not Present (Survey)	None	23
136		960	Asbestos Not Present (Survey)	None	23
138		1500	Asbestos Not Present (Survey)	None	23
143		36	Asbestos Not Present (Survey)	None	23
301		824	Asbestos Not Present (Survey)	None	23
304		824	Asbestos Not Present (Survey)	None	23
306		5413	Asbestos Not Present (Survey)	None	23
308		531	Asbestos Not Present (Survey)	None	23
310		840	Asbestos Not Present (Survey)	None	23
312		12000	Asbestos Not Present (Survey)	None	23
313		150	Asbestos Not Present (Survey)	None	23
314		439	Asbestos Not Present (Survey)	None	23
321		8400	Asbestos Not Present (Survey)	None	23
321		3600	Asbestos Not Present (Survey)	None	23
322		256	Asbestos Not Present (Survey)	None	23
367		3640	Asbestos Not Present (Survey)	None	23
608		350	Asbestos Not Present (Survey)	None	23
610		513	Asbestos Not Present (Survey)	None	23
611		400	Asbestos Not Present (Survey)	None	23
S-714		7633	Asbestos Not Present (Survey)	None	23
716		144	Asbestos Not Present (Survey)	None	23
719		374	Asbestos Not Present (Survey)	None	23
721		177	Asbestos Not Present (Survey)	None	23
725		177	Asbestos Not Present (Survey)	None	23
726		967	Asbestos Not Present (Survey)	None	23
727		1320	Asbestos Not Present (Survey)	None	23
728		177	Asbestos Not Present (Survey)	None	23
731		6874	Asbestos Not Present (Survey)	None	23
733		530	Asbestos Not Present (Survey)	None	23
744		18079	Asbestos Not Present (Survey)	None	23
746		4239	Asbestos Not Present (Survey)	None	23

**Table G-1  
(Continued)**

Building Number	Acreage	SQ FT	Asbestos Status	Asbestos Qualifier	EBS Source of Evidence
747		8700	Asbestos Not Present (Survey)	None	23
748		13675	Asbestos Not Present (Survey)	None	23
749		848	Asbestos Not Present (Survey)	None	23
750		2407	Asbestos Not Present (Survey)	None	23
751		5013	Asbestos Not Present (Survey)	None	23
752		6596	Asbestos Not Present (Survey)	None	23
802		5206	Asbestos Not Present (Survey)	None	23
803		2803	Asbestos Not Present (Survey)	None	23
805		440	Asbestos Not Present (Survey)	None	23
809		177	Asbestos Not Present (Survey)	None	23
813		4348	Asbestos Not Present (Survey)	None	23
824		3899	Asbestos Not Present (Survey)	None	23
825		4000	Asbestos Not Present (Survey)	None	23
827		149	Asbestos Not Present (Survey)	None	23
1495		36	Asbestos Not Present (Survey)	None	23
2073		3683	Asbestos Not Present (Survey)	None	23
2075		120	Asbestos Not Present (Survey)	None	23
2105		21448	Asbestos Not Present (Survey)	None	23
2107		64	Asbestos Not Present (Survey)	None	23
2110		21448	Asbestos Not Present (Survey)	None	23
2126		824	Asbestos Not Present (Survey)	None	23
2129		824	Asbestos Not Present (Survey)	None	23
2131		230	Asbestos Not Present (Survey)	None	23
2200		824	Asbestos Not Present (Survey)	None	23
2204		824	Asbestos Not Present (Survey)	None	23
2301		1022	Asbestos Not Present (Survey)	None	23
2302		1022	Asbestos Not Present (Survey)	None	23
2304		2184	Asbestos Not Present (Survey)	None	23
2310		144	Asbestos Not Present (Survey)	None	23
2311		192	Asbestos Not Present (Survey)	None	23
2402		625	Asbestos Not Present (Survey)	None	23
2405		625	Asbestos Not Present (Survey)	None	23
2409		720	Asbestos Not Present (Survey)	None	23
2413		418	Asbestos Not Present (Survey)	None	23
2416		344	Asbestos Not Present (Survey)	None	23
2417		400	Asbestos Not Present (Survey)	None	23
2420		251	Asbestos Not Present (Survey)	None	23
2424		600	Asbestos Not Present (Survey)	None	23
2428		333	Asbestos Not Present (Survey)	None	23
2430		289	Asbestos Not Present (Survey)	None	23
2431		339	Asbestos Not Present (Survey)	None	23
2433		400	Asbestos Not Present (Survey)	None	23
2436		229	Asbestos Not Present (Survey)	None	23
2444		493	Asbestos Not Present (Survey)	None	23
2447		372	Asbestos Not Present (Survey)	None	23
2449		502	Asbestos Not Present (Survey)	None	23
2451		580	Asbestos Not Present (Survey)	None	23
2454		264	Asbestos Not Present (Survey)	None	23
2455		80	Asbestos Not Present (Survey)	None	23
2456		800	Asbestos Not Present (Survey)	None	23
2473		780	Asbestos Not Present (Survey)	None	23
2485		1576	Asbestos Not Present (Survey)	None	23
S-361		1684	Asbestos Not Present (Survey)	None	23
T-370		200	Asbestos Not Present (Survey)	None	23
T355		4992	Asbestos Not Present (Survey)	None	23
5		11754	Asbestos Present (Survey), Fully Remediated	None	23
7		11754	Asbestos Present (Survey), Fully Remediated	None	23
115		14154	Asbestos Present (Survey), Fully Remediated	None	23
121		3250	Asbestos Present (Survey), Fully Remediated	None	23
127		6157	Asbestos Present (Survey), Fully Remediated	None	23

**Table G-1  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Asbestos Status</b>	<b>Asbestos Qualifier</b>	<b>EBS Source of Evidence</b>
316		18615	Asbestos Present (Survey), Fully Remediated	None	23
317		26429	Asbestos Present (Survey), Fully Remediated	None	23
318		18615	Asbestos Present (Survey), Fully Remediated	None	23
612		18393	Asbestos Present (Survey), Fully Remediated	None	23
706		3705	Asbestos Present (Survey), Fully Remediated	None	23
707		11552	Asbestos Present (Survey), Fully Remediated	None	23
707		7372	Asbestos Present (Survey), Fully Remediated	None	23
710		3280	Asbestos Present (Survey), Fully Remediated	None	23
718		3224	Asbestos Present (Survey), Fully Remediated	None	23
722		4700	Asbestos Present (Survey), Fully Remediated	None	23
724		540	Asbestos Present (Survey), Fully Remediated	None	23
724		8460	Asbestos Present (Survey), Fully Remediated	None	23
732		3584	Asbestos Present (Survey), Fully Remediated	None	23
815		11072	Asbestos Present (Survey), Fully Remediated	None	23
816		15373	Asbestos Present (Survey), Fully Remediated	None	23
2306		8774	Asbestos Present (Survey), Fully Remediated	None	23
212-A		1750	Asbestos Present (Survey), Fully Remediated	None	23
212-B		1750	Asbestos Present (Survey), Fully Remediated	None	23
219-B		1750	Asbestos Present (Survey), Fully Remediated	None	23
224-B		1320	Asbestos Present (Survey), Fully Remediated	None	23
224-D		1320	Asbestos Present (Survey), Fully Remediated	None	23
225-A		1320	Asbestos Present (Survey), Fully Remediated	None	23
225-B		1320	Asbestos Present (Survey), Fully Remediated	None	23
229-B		1320	Asbestos Present (Survey), Fully Remediated	None	23
229-D		1320	Asbestos Present (Survey), Fully Remediated	None	23
230-A		1320	Asbestos Present (Survey), Fully Remediated	None	23
231-B		1320	Asbestos Present (Survey), Fully Remediated	None	23
231-C		1320	Asbestos Present (Survey), Fully Remediated	None	23
233-A		1320	Asbestos Present (Survey), Fully Remediated	None	23
233-D		1320	Asbestos Present (Survey), Fully Remediated	None	23
235-A		1320	Asbestos Present (Survey), Fully Remediated	None	23
237-D		1320	Asbestos Present (Survey), Fully Remediated	None	23
239-A		1320	Asbestos Present (Survey), Fully Remediated	None	23
244-A		1480	Asbestos Present (Survey), Fully Remediated	None	23
244-B		1480	Asbestos Present (Survey), Fully Remediated	None	23
244-D		1480	Asbestos Present (Survey), Fully Remediated	None	23
245-B		1480	Asbestos Present (Survey), Fully Remediated	None	23
245-C		1480	Asbestos Present (Survey), Fully Remediated	None	23
245-D		1480	Asbestos Present (Survey), Fully Remediated	None	23

**Table G-2  
POTENTIAL LEAD-BASED PAINT HAZARDS AT  
SENECA ARMY DEPOT ACTIVITY**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Designation</b>	<b>Comment</b>	<b>EBS Source of Evidence</b>
1	0.005877	256	L(P)	Built Prior To 1978	22
4	0.012397	540	L(P)	Built Prior To 1978	22
5	0.269835	11754	L(P)	Built Prior To 1978	22
6	0.013935	607	L(P)	Built Prior To 1978	22
7	0.269835	11754	L(P)	Built Prior To 1978	22
9	0.018916	824	L(P)	Built Prior To 1978	22
12	0.018916	824	L(P)	Built Prior To 1978	22
101	0.339118	14772	L(P)	Built Prior To 1978	22
102	0.009826	428	L(P)	Built Prior To 1978	22
103	0.041322	1800	L(P)	Built Prior To 1978	22
103	0.223278	9726	L(P)	Built Prior To 1978	22
104	0.010606	462	L(P)	Built Prior To 1978	22
106	0.016529	720	L(P)	Built Prior To 1978	22
106	0.226699	9875	L(P)	Built Prior To 1978	22
106	0.010744	468	L(P)	Built Prior To 1978	22
110	0.002755	120	L(P)	Built Prior To 1978	22
113	0.37888	16504	L(P)	Built Prior To 1978	22
114	0.276974	12065	L(P)	Built Prior To 1978	22
115	0.324931	14154	L(P)	Built Prior To 1978	22
116	0.083425	3634	L(P)	Built Prior To 1978	22
116	0.215519	9388	L(P)	Built Prior To 1978	22
116	0.010216	445	L(P)	Built Prior To 1978	22
117	0.016988	740	L(P)	Built Prior To 1978	22
117	0.439096	19127	L(P)	Built Prior To 1978	22
118	0.434527	18928	L(P)	Built Prior To 1978	22
119	0.073577	3205	L(P)	Built Prior To 1978	22
120	0.009183	400	L(P)	Built Prior To 1978	22
121	0.07461	3250	L(P)	Built Prior To 1978	22
122	0.282782	12318	L(P)	Built Prior To 1978	22
123	0.073577	3205	L(P)	Built Prior To 1978	22
124	0.035973	1567	L(P)	Built Prior To 1978	22
125	0.097796	4260	L(P)	Built Prior To 1978	22
127	0.141345	6157	L(P)	Built Prior To 1978	22
131	0.055096	2400	L(P)	Built Prior To 1978	22
135	0.115106	5014	L(P)	Built Prior To 1978	22
143	0.000826	36	L(P)	Built Prior To 1978	22
145	0.01281	558	L(P)	Built Prior To 1978	22
202	0.04146	1806	L(P)	Built Prior To 1978	22
203	0.045914	2000	L(P)	Built Prior To 1978	22
204	0.04899	2134	L(P)	Built Prior To 1978	22
205	0.045914	2000	L(P)	Built Prior To 1978	22
206	0.045914	2000	L(P)	Built Prior To 1978	22
207	0.045914	2000	L(P)	Built Prior To 1978	22
214	0.043526	1896	L(P)	Built Prior To 1978	22
215	0.04146	1806	L(P)	Built Prior To 1978	22
216	0.04146	1806	L(P)	Built Prior To 1978	22
217	0.045914	2000	L(P)	Built Prior To 1978	22
301	0.018916	824	L(P)	Built Prior To 1978	22
304	0.018916	824	L(P)	Built Prior To 1978	22
306	0.124265	5413	L(P)	Built Prior To 1978	22
308	0.01219	531	L(P)	Built Prior To 1978	22
309	0.189187	8241	L(P)	Built Prior To 1978	22
310	0.019284	840	L(P)	Built Prior To 1978	22
311	0.266942	11628	L(P)	Built Prior To 1978	22
312	0.275482	12000	L(P)	Built Prior To 1978	22
313	0.003444	150	L(P)	Built Prior To 1978	22
314	0.010078	439	L(P)	Built Prior To 1978	22

**Table G-2  
(Continued)**

<b>Building Number</b>	<b>Acres</b>	<b>SQ FT</b>	<b>Designation</b>	<b>Comment</b>	<b>EBS Source of Evidence</b>
316	0.427342	18615	L(P)	Built Prior To 1978	22
317	0.606726	26429	L(P)	Built Prior To 1978	22
318	0.427342	18615	L(P)	Built Prior To 1978	22
319	0.06584	2868	L(P)	Built Prior To 1978	22
320	0.374197	16300	L(P)	Built Prior To 1978	22
321	0.192837	8400	L(P)	Built Prior To 1978	22
321	0.082645	3600	L(P)	Built Prior To 1978	22
322	0.005877	256	L(P)	Built Prior To 1978	22
323	1.5955	69500	L(P)	Built Prior To 1978	22
323	0.470615	20500	L(P)	Built Prior To 1978	22
324	0.018916	824	L(P)	Built Prior To 1978	22
325	2.066116	90000	L(P)	Built Prior To 1978	22
326	2.066116	90000	L(P)	Built Prior To 1978	22
327	2.066116	90000	L(P)	Built Prior To 1978	22
328	2.066116	90000	L(P)	Built Prior To 1978	22
329	2.066116	90000	L(P)	Built Prior To 1978	22
330	2.066116	90000	L(P)	Built Prior To 1978	22
331	2.066116	90000	L(P)	Built Prior To 1978	22
332	2.066116	90000	L(P)	Built Prior To 1978	22
333	2.066116	90000	L(P)	Built Prior To 1978	22
334	0.688705	30000	L(P)	Built Prior To 1978	22
334	0.036065	1571	L(P)	Built Prior To 1978	22
335	0.087856	3827	L(P)	Built Prior To 1978	22
339	2.066116	90000	L(P)	Built Prior To 1978	22
340	2.066116	90000	L(P)	Built Prior To 1978	22
341	2.066116	90000	L(P)	Built Prior To 1978	22
342	2.066116	90000	L(P)	Built Prior To 1978	22
343	2.066116	90000	L(P)	Built Prior To 1978	22
345	2.066116	90000	L(P)	Built Prior To 1978	22
346	2.066116	90000	L(P)	Built Prior To 1978	22
347	2.066116	90000	L(P)	Built Prior To 1978	22
348	2.066116	90000	L(P)	Built Prior To 1978	22
349	2.066116	90000	L(P)	Built Prior To 1978	22
350	2.066116	90000	L(P)	Built Prior To 1978	22
353	0.037695	1642	L(P)	Built Prior To 1978	22
356	4.663567	203145	L(P)	Built Prior To 1978	22
357	4.663567	203145	L(P)	Built Prior To 1978	22
359	0.003444	150	L(P)	Built Prior To 1978	22
363	0.002204	96	L(P)	Built Prior To 1978	22
366	0.021809	950	L(P)	Built Prior To 1978	22
367	0.083563	3640	L(P)	Built Prior To 1978	22
373	0.024151	1052	L(P)	Built Prior To 1978	22
606	0.078375	3414	L(P)	Built Prior To 1978	22
608	0.008035	350	L(P)	Built Prior To 1978	22
609	0.015886	692	L(P)	Built Prior To 1978	22
610	0.011777	513	L(P)	Built Prior To 1978	22
611	0.009183	400	L(P)	Built Prior To 1978	22
612	0.422245	18393	L(P)	Built Prior To 1978	22
701	0.327824	14280	L(P)	Built Prior To 1978	22
702	0.022957	1000	L(P)	Built Prior To 1978	22
702	0.025253	1100	L(P)	Built Prior To 1978	22
702	0.031703	1381	L(P)	Built Prior To 1978	22
702	0.037397	1629	L(P)	Built Prior To 1978	22
702	0.302296	13168	L(P)	Built Prior To 1978	22
704	0.714233	31112	L(P)	Built Prior To 1978	22
705A	0.088223	3843	L(P)	Built Prior To 1978	22
705	0.183563	7996	L(P)	Built Prior To 1978	22
706	0.085055	3705	L(P)	Built Prior To 1978	22
707	0.265197	11552	L(P)	Built Prior To 1978	22
707	0.169238	7372	L(P)	Built Prior To 1978	22



**Table G-2  
(Continued)**

Building Number	Acreage	SQ FT	Designation	Comment	EBS Source of Evidence
708	0.714233	31112	L(P)	Built Prior To 1978	22
709	0.000344	15	L(P)	Built Prior To 1978	22
710	0.075298	3280	L(P)	Built Prior To 1978	22
711	0.001974	86	L(P)	Built Prior To 1978	22
S-714	0.17523	7633	L(P)	Built Prior To 1978	22
715	0.110009	4792	L(P)	Built Prior To 1978	22
716	0.003306	144	L(P)	Built Prior To 1978	22
718	0.074013	3224	L(P)	Built Prior To 1978	22
719	0.008586	374	L(P)	Built Prior To 1978	22
720	0.098301	4282	L(P)	Built Prior To 1978	22
721	0.004063	177	L(P)	Built Prior To 1978	22
722	0.107897	4700	L(P)	Built Prior To 1978	22
723	0.395064	17209	L(P)	Built Prior To 1978	22
723	0.136983	5967	L(P)	Built Prior To 1978	22
724	0.012397	540	L(P)	Built Prior To 1978	22
724	0.194215	8460	L(P)	Built Prior To 1978	22
725	0.004063	177	L(P)	Built Prior To 1978	22
726	0.022199	967	L(P)	Built Prior To 1978	22
727	0.030303	1320	L(P)	Built Prior To 1978	22
728	0.004063	177	L(P)	Built Prior To 1978	22
729	0.106061	4620	L(P)	Built Prior To 1978	22
731	0.157805	6874	L(P)	Built Prior To 1978	22
732	0.082277	3584	L(P)	Built Prior To 1978	22
733	0.012167	530	L(P)	Built Prior To 1978	22
740	0.047842	2084	L(P)	Built Prior To 1978	22
740	0.055418	2414	L(P)	Built Prior To 1978	22
742	0.031956	1392	L(P)	Built Prior To 1978	22
743	0.011478	500	L(P)	Built Prior To 1978	22
801	0.000344	15	L(P)	Built Prior To 1978	22
802	0.119513	5206	L(P)	Built Prior To 1978	22
803	0.064348	2803	L(P)	Built Prior To 1978	22
804	0.030624	1334	L(P)	Built Prior To 1978	22
805	0.010101	440	L(P)	Built Prior To 1978	22
806	0.091827	4000	L(P)	Built Prior To 1978	22
807	0.091827	4000	L(P)	Built Prior To 1978	22
809	0.004063	177	L(P)	Built Prior To 1978	22
810	0.87174	37973	L(P)	Built Prior To 1978	22
812	0.245317	10686	L(P)	Built Prior To 1978	22
813	0.099816	4348	L(P)	Built Prior To 1978	22
814	0.082231	3582	L(P)	Built Prior To 1978	22
815	0.254178	11072	L(P)	Built Prior To 1978	22
816	0.352916	15373	L(P)	Built Prior To 1978	22
817	0.021671	944	L(P)	Built Prior To 1978	22
819	0.189784	8267	L(P)	Built Prior To 1978	22
823	0.001584	69	L(P)	Built Prior To 1978	22
824	0.089509	3899	L(P)	Built Prior To 1978	22
825	0.091827	4000	L(P)	Built Prior To 1978	22
1495	0.000826	36	L(P)	Built Prior To 1978	22
1593	0.003306	144	L(P)	Built Prior To 1978	22
2073	0.08455	3683	L(P)	Built Prior To 1978	22
2074	0.003627	158	L(P)	Built Prior To 1978	22
2075	0.002755	120	L(P)	Built Prior To 1978	22
2076	0.124885	5440	L(P)	Built Prior To 1978	22
2077	0.012971	565	L(P)	Built Prior To 1978	22
2078	0.172039	7494	L(P)	Built Prior To 1978	22
2079	0.044215	1926	L(P)	Built Prior To 1978	22
2084	0.125803	5480	L(P)	Built Prior To 1978	22
2085	0.037695	1642	L(P)	Built Prior To 1978	22
2086	0.017493	762	L(P)	Built Prior To 1978	22
2104	0.029844	1300	L(P)	Built Prior To 1978	22

**Table G-2  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Designation</b>	<b>Comment</b>	<b>EBS Source of Evidence</b>
2105	0.492378	21448	L(P)	Built Prior To 1978	22
2106	0.01343	585	L(P)	Built Prior To 1978	22
2107	0.001469	64	L(P)	Built Prior To 1978	22
2110	0.492378	21448	L(P)	Built Prior To 1978	22
2113	0.004408	192	L(P)	Built Prior To 1978	22
2117	0.25932	11296	L(P)	Built Prior To 1978	22
2118	0.25932	11296	L(P)	Built Prior To 1978	22
2119	0.25932	11296	L(P)	Built Prior To 1978	22
2120	0.25932	11296	L(P)	Built Prior To 1978	22
2121	0.25932	11296	L(P)	Built Prior To 1978	22
2122	0.25932	11296	L(P)	Built Prior To 1978	22
2123	0.25932	11296	L(P)	Built Prior To 1978	22
2124	0.25932	11296	L(P)	Built Prior To 1978	22
2126	0.018916	824	L(P)	Built Prior To 1978	22
2129	0.018916	824	L(P)	Built Prior To 1978	22
2131	0.00528	230	L(P)	Built Prior To 1978	22
2200	0.018916	824	L(P)	Built Prior To 1978	22
2202	0.003306	144	L(P)	Built Prior To 1978	22
2204	0.018916	824	L(P)	Built Prior To 1978	22
2207	0.081841	3565	L(P)	Built Prior To 1978	22
2301	0.023462	1022	L(P)	Built Prior To 1978	22
2302	0.023462	1022	L(P)	Built Prior To 1978	22
2304	0.050138	2184	L(P)	Built Prior To 1978	22
2305	0.128306	5589	L(P)	Built Prior To 1978	22
2306	0.201423	8774	L(P)	Built Prior To 1978	22
2401	0.061983	2700	L(P)	Built Prior To 1978	22
2402	0.014348	625	L(P)	Built Prior To 1978	22
2403	0.042378	1846	L(P)	Built Prior To 1978	22
2404	0.050138	2184	L(P)	Built Prior To 1978	22
2405	0.014348	625	L(P)	Built Prior To 1978	22
2406	0.050597	2204	L(P)	Built Prior To 1978	22
2407	0.013682	596	L(P)	Built Prior To 1978	22
2408	0.094192	4103	L(P)	Built Prior To 1978	22
2409	0.016529	720	L(P)	Built Prior To 1978	22
2410	0.086019	3747	L(P)	Built Prior To 1978	22
2411	0.058196	2535	L(P)	Built Prior To 1978	22
2412	0.024495	1067	L(P)	Built Prior To 1978	22
2413	0.009596	418	L(P)	Built Prior To 1978	22
2414	0.045179	1968	L(P)	Built Prior To 1978	22
2415	0.023852	1039	L(P)	Built Prior To 1978	22
2416	0.007897	344	L(P)	Built Prior To 1978	22
2417	0.009183	400	L(P)	Built Prior To 1978	22
2418	0.017906	780	L(P)	Built Prior To 1978	22
2419	0.02989	1302	L(P)	Built Prior To 1978	22
2420	0.005762	251	L(P)	Built Prior To 1978	22
2421	0.040427	1761	L(P)	Built Prior To 1978	22
2423	0.030372	1323	L(P)	Built Prior To 1978	22
2424	0.013774	600	L(P)	Built Prior To 1978	22
2425	0.027961	1218	L(P)	Built Prior To 1978	22
2426	0.022222	968	L(P)	Built Prior To 1978	22
2427	0.021006	915	L(P)	Built Prior To 1978	22
2428	0.007645	333	L(P)	Built Prior To 1978	22
2429	0.023416	1020	L(P)	Built Prior To 1978	22
2430	0.006635	289	L(P)	Built Prior To 1978	22
2431	0.007782	339	L(P)	Built Prior To 1978	22
2432	0.034206	1490	L(P)	Built Prior To 1978	22
2433	0.009183	400	L(P)	Built Prior To 1978	22
2436	0.005257	229	L(P)	Built Prior To 1978	22
2437	0.041667	1815	L(P)	Built Prior To 1978	22
2438	0.02663	1160	L(P)	Built Prior To 1978	22

**Table G-2  
(Continued)**

Building Number	Acreage	SQ FT	Designation	Comment	EBS Source of Evidence
2439	0.008127	354	L(P)	Built Prior To 1978	22
2441	0.023554	1026	L(P)	Built Prior To 1978	22
2443	0.028421	1238	L(P)	Built Prior To 1978	22
2444	0.011318	493	L(P)	Built Prior To 1978	22
2446	0.026538	1156	L(P)	Built Prior To 1978	22
2447	0.00854	372	L(P)	Built Prior To 1978	22
2448	0.029063	1266	L(P)	Built Prior To 1978	22
2449	0.011524	502	L(P)	Built Prior To 1978	22
2450	0.023554	1026	L(P)	Built Prior To 1978	22
2451	0.013315	580	L(P)	Built Prior To 1978	22
2452	0.026768	1166	L(P)	Built Prior To 1978	22
2453	0.030601	1333	L(P)	Built Prior To 1978	22
2454	0.006061	264	L(P)	Built Prior To 1978	22
2456	0.018365	800	L(P)	Built Prior To 1978	22
2466	0.0073	318	L(P)	Built Prior To 1978	22
2473	0.017906	780	L(P)	Built Prior To 1978	22
200-A	0.035032	1526	L(P)	Built Prior To 1978	22
200-B	0.035032	1526	L(P)	Built Prior To 1978	22
201-A	0.035032	1526	L(P)	Built Prior To 1978	22
201-B	0.035032	1526	L(P)	Built Prior To 1978	22
208-A	0.058735	2559	L(P)	Built Prior To 1978	22
208-B	0.058735	2559	L(P)	Built Prior To 1978	22
209-A	0.058735	2559	L(P)	Built Prior To 1978	22
209-B	0.058735	2559	L(P)	Built Prior To 1978	22
210-A	0.040174	1750	L(P)	Built Prior To 1978	22
210-B	0.040174	1750	L(P)	Built Prior To 1978	22
211-A	0.036731	1600	L(P)	Built Prior To 1978	22
211-B	0.036731	1600	L(P)	Built Prior To 1978	22
212-A	0.040174	1750	L(P)	Built Prior To 1978	22
212-B	0.040174	1750	L(P)	Built Prior To 1978	22
213-A	0.036731	1600	L(P)	Built Prior To 1978	22
213-B	0.036731	1600	L(P)	Built Prior To 1978	22
218-A	0.036731	1600	L(P)	Built Prior To 1978	22
218-B	0.036731	1600	L(P)	Built Prior To 1978	22
219-A	0.040174	1750	L(P)	Built Prior To 1978	22
219-B	0.040174	1750	L(P)	Built Prior To 1978	22
221-A	0.036731	1600	L(P)	Built Prior To 1978	22
221-B	0.036731	1600	L(P)	Built Prior To 1978	22
222-A	0.040174	1750	L(P)	Built Prior To 1978	22
222-B	0.040174	1750	L(P)	Built Prior To 1978	22
223-A	0.036731	1600	L(P)	Built Prior To 1978	22
223-B	0.036731	1600	L(P)	Built Prior To 1978	22
224-A	0.030292	1320	L(P)	Built Prior To 1978	22
224-B	0.030292	1320	L(P)	Built Prior To 1978	22
224-C	0.030292	1320	L(P)	Built Prior To 1978	22
224-D	0.030292	1320	L(P)	Built Prior To 1978	22
225-A	0.030292	1320	L(P)	Built Prior To 1978	22
225-B	0.030292	1320	L(P)	Built Prior To 1978	22
225-C	0.030292	1320	L(P)	Built Prior To 1978	22
225-D	0.030292	1320	L(P)	Built Prior To 1978	22
226-A	0.030292	1320	L(P)	Built Prior To 1978	22
226-B	0.030292	1320	L(P)	Built Prior To 1978	22
226-C	0.030292	1320	L(P)	Built Prior To 1978	22
226-D	0.030292	1320	L(P)	Built Prior To 1978	22
227-A	0.030292	1320	L(P)	Built Prior To 1978	22
227-B	0.030292	1320	L(P)	Built Prior To 1978	22
227-C	0.030292	1320	L(P)	Built Prior To 1978	22
227-D	0.030292	1320	L(P)	Built Prior To 1978	22
228-A	0.030292	1320	L(P)	Built Prior To 1978	22
228-B	0.030292	1320	L(P)	Built Prior To 1978	22

**Table G-2  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Designation</b>	<b>Comment</b>	<b>EBS Source of Evidence</b>
228-C	0.030292	1320	L(P)	Built Prior To 1978	22
228-D	0.030292	1320	L(P)	Built Prior To 1978	22
229-A	0.030292	1320	L(P)	Built Prior To 1978	22
229-B	0.030292	1320	L(P)	Built Prior To 1978	22
229-C	0.030292	1320	L(P)	Built Prior To 1978	22
229-D	0.030292	1320	L(P)	Built Prior To 1978	22
230-A	0.030292	1320	L(P)	Built Prior To 1978	22
230-B	0.030292	1320	L(P)	Built Prior To 1978	22
230-C	0.030292	1320	L(P)	Built Prior To 1978	22
230-D	0.030292	1320	L(P)	Built Prior To 1978	22
231-A	0.030292	1320	L(P)	Built Prior To 1978	22
231-B	0.030292	1320	L(P)	Built Prior To 1978	22
231-C	0.030292	1320	L(P)	Built Prior To 1978	22
231-D	0.030292	1320	L(P)	Built Prior To 1978	22
232-A	0.030292	1320	L(P)	Built Prior To 1978	22
232-B	0.030292	1320	L(P)	Built Prior To 1978	22
232-C	0.030292	1320	L(P)	Built Prior To 1978	22
232-D	0.030292	1320	L(P)	Built Prior To 1978	22
233-A	0.030292	1320	L(P)	Built Prior To 1978	22
233-B	0.030292	1320	L(P)	Built Prior To 1978	22
233-C	0.030292	1320	L(P)	Built Prior To 1978	22
233-D	0.030292	1320	L(P)	Built Prior To 1978	22
234-A	0.030292	1320	L(P)	Built Prior To 1978	22
234-B	0.030292	1320	L(P)	Built Prior To 1978	22
234-C	0.030292	1320	L(P)	Built Prior To 1978	22
234-D	0.030292	1320	L(P)	Built Prior To 1978	22
235-A	0.030292	1320	L(P)	Built Prior To 1978	22
235-B	0.030292	1320	L(P)	Built Prior To 1978	22
235-C	0.030292	1320	L(P)	Built Prior To 1978	22
235-D	0.030292	1320	L(P)	Built Prior To 1978	22
236-A	0.030292	1320	L(P)	Built Prior To 1978	22
236-B	0.030292	1320	L(P)	Built Prior To 1978	22
236-C	0.030292	1320	L(P)	Built Prior To 1978	22
236-D	0.030292	1320	L(P)	Built Prior To 1978	22
237-A	0.030292	1320	L(P)	Built Prior To 1978	22
237-B	0.030292	1320	L(P)	Built Prior To 1978	22
237-C	0.030292	1320	L(P)	Built Prior To 1978	22
237-D	0.030292	1320	L(P)	Built Prior To 1978	22
238-A	0.030292	1320	L(P)	Built Prior To 1978	22
238-B	0.030292	1320	L(P)	Built Prior To 1978	22
238-C	0.030292	1320	L(P)	Built Prior To 1978	22
238-D	0.030292	1320	L(P)	Built Prior To 1978	22
239-A	0.030292	1320	L(P)	Built Prior To 1978	22
239-B	0.030292	1320	L(P)	Built Prior To 1978	22
239-C	0.030292	1320	L(P)	Built Prior To 1978	22
239-D	0.030292	1320	L(P)	Built Prior To 1978	22
240-A	0.030292	1320	L(P)	Built Prior To 1978	22
240-B	0.030292	1320	L(P)	Built Prior To 1978	22
240-C	0.030292	1320	L(P)	Built Prior To 1978	22
240-D	0.030292	1320	L(P)	Built Prior To 1978	22
241-A	0.030292	1320	L(P)	Built Prior To 1978	22
241-B	0.030292	1320	L(P)	Built Prior To 1978	22
241-C	0.030292	1320	L(P)	Built Prior To 1978	22
241-D	0.030292	1320	L(P)	Built Prior To 1978	22
242-A	0.030292	1320	L(P)	Built Prior To 1978	22
242-B	0.030292	1320	L(P)	Built Prior To 1978	22
242-C	0.030292	1320	L(P)	Built Prior To 1978	22
242-D	0.030292	1320	L(P)	Built Prior To 1978	22
243-A	0.033965	1480	L(P)	Built Prior To 1978	22
243-B	0.033965	1480	L(P)	Built Prior To 1978	22

**Table G-2  
(Continued)**

Building Number	Acreage	SQ FT	Designation	Comment	EBS Source of Evidence
243-C	0.033965	1480	L(P)	Built Prior To 1978	22
243-D	0.033965	1480	L(P)	Built Prior To 1978	22
244-A	0.033965	1480	L(P)	Built Prior To 1978	22
244-B	0.033965	1480	L(P)	Built Prior To 1978	22
244-C	0.033965	1480	L(P)	Built Prior To 1978	22
244-D	0.033965	1480	L(P)	Built Prior To 1978	22
245-A	0.033965	1480	L(P)	Built Prior To 1978	22
245-B	0.033965	1480	L(P)	Built Prior To 1978	22
245-C	0.033965	1480	L(P)	Built Prior To 1978	22
245-D	0.033965	1480	L(P)	Built Prior To 1978	22
2470	0.011478	500	L(P)	Built Prior To 1978	22
2471	0.011478	500	L(P)	Built Prior To 1978	22
2472	0.011478	500	L(P)	Built Prior To 1978	22
2474	0.016529	720	L(P)	Built Prior To 1978	22
2475	0.015152	660	L(P)	Built Prior To 1978	22
2476	0.016529	720	L(P)	Built Prior To 1978	22
2477	0.017631	768	L(P)	Built Prior To 1978	22
2478	0.016529	720	L(P)	Built Prior To 1978	22
2480	0.015152	660	L(P)	Built Prior To 1978	22
2481	0.016529	720	L(P)	Built Prior To 1978	22
2482	0.017906	780	L(P)	Built Prior To 1978	22
2484	0.017631	768	L(P)	Built Prior To 1978	22
369/607	0.009917	432	L(P)	Built Prior To 1978	22
S-361	0.038659	1684	L(P)	Built Prior To 1978	22
S142	0.235354	10252	L(P)	Built Prior To 1978	22
T-370	0.004591	200	L(P)	Built Prior To 1978	22
T355	0.114601	4992	L(P)	Built Prior To 1978	22
247	0.001377	60	L(P)	Construction Date Unknown, Default Assumption Is Lead-Based Paint Possible	11
749	0.019467	848	L(P)	Construction Date Unknown, Default Assumption Is Lead-Based Paint Possible	23
2434	0.003306	144	L(P)	Construction Date Unknown, Default Assumption Is Lead-Based Paint Possible	23
T2458	0	?	L(P)	Construction Date Unknown, Default Assumption Is Lead-Based Paint Possible	23
14		473	None	Built After 1977	22
107		160	None	Built After 1977	22
126		3220	None	Built After 1977	22
128		120	None	Built After 1977	22
130		214	None	Built After 1977	22
136		960	None	Built After 1977	22
137		185	None	Built After 1977	22
138		1500	None	Built After 1977	22
146		9000	None	Built After 1977	22
147		4072	None	Built After 1977	22
307		2000	None	Built After 1977	22
360		8660	None	Built After 1977	22
360		1024	None	Built After 1977	22
371		2245	None	Built After 1977	22
372		5600	None	Built After 1977	22
374		2100	None	Built After 1977	22
375		216	None	Built After 1977	22
376		6000	None	Built After 1977	22

**Table G-2  
(Continued)**

Building Number	Acreage	SQ FT	Designation	Comment	EBS Source of Evidence
703		40572	None	Built After 1977	22
744		18079	None	Built After 1977	22
746		4239	None	Built After 1977	22
747		8700	None	Built After 1977	22
748		13675	None	Built After 1977	22
750		2407	None	Built After 1977	22
751		5013	None	Built After 1977	22
752		6596	None	Built After 1977	22
753		35	None	Built After 1977	22
754		138	None	Built After 1977	22
755		900	None	Built After 1977	22
800		1272	None	Built After 1977	22
827		149	None	Built After 1977	22
1594		3000	None	Built After 1977	22
2109		?	None	Built After 1977	22
2114		800	None	Built After 1977	22
2134		6000	None	Built After 1977	22
2135		3600	None	Built After 1977	22
2310		144	None	Built After 1977	22
2311		192	None	Built After 1977	22
2312		2401	None	Built After 1977	22
2314		286	None	Built After 1977	22
2315		5100	None	Built After 1977	22
2316		?	None	Built After 1977	22
2445		920	None	Built After 1977	22
2455		80	None	Built After 1977	22
2485		1576	None	Built After 1977	22
2491		1976	None	Built After 1977	22
2492		1976	None	Built After 1977	22
2493		2096	None	Built After 1977	22
2494		1976	None	Built After 1977	22
2495		1976	None	Built After 1977	22
2496		2096	None	Built After 1977	22
2497		2096	None	Built After 1977	22
2498		1976	None	Built After 1977	22
2499		1976	None	Built After 1977	22
2500		1976	None	Built After 1977	22
2501		1976	None	Built After 1977	22
2502		2096	None	Built After 1977	22
2504		1976	None	Built After 1977	22
2505		2380	None	Built After 1977	22
2507		2288	None	Built After 1977	22
2508		2380	None	Built After 1977	22
2509		2288	None	Built After 1977	22
2510		2380	None	Built After 1977	22
2511		2288	None	Built After 1977	22
2512		2288	None	Built After 1977	22
2513		2288	None	Built After 1977	22
2514		2288	None	Built After 1977	22
2515		2288	None	Built After 1977	22
2516		2380	None	Built After 1977	22
2517		2380	None	Built After 1977	22
2518		2380	None	Built After 1977	22
2519		2288	None	Built After 1977	22
2520		2380	None	Built After 1977	22
2521		2288	None	Built After 1977	22
2523		2288	None	Built After 1977	22
2524		980	None	Built After 1977	22
2525		980	None	Built After 1977	22
110A		100	None	Built After 1977	22

**Table G-2  
(Continued)**

Building Number	Acreage	SQ FT	Designation	Comment	EBS Source of Evidence
2479		924	None	Built After 1977	22
2483		924	None	Built After 1977	22
2486		891	None	Built After 1977	22
2487		891	None	Built After 1977	22
2488		891	None	Built After 1977	22
2489		891	None	Built After 1977	22
2490		891	None	Built After 1977	22
2132		100	None	Igloo, Not Painted	22
2133		100	None	Igloo, Not Painted	22
A0101-102		2442	None	Igloo, Not Painted	22
A0201, 203, 205, 207, 209, 211, 213, 215, 217		21789	None	Igloo, Not Painted	22
A0202, 204, 206, 208, 210, 212, 214, 216, 218		16344	None	Igloo, Not Painted	22
A0301, 303, 305, 307, 309, 311, 313, 315, 317		16344	None	Igloo, Not Painted	22
A0302, 304, 306, 308, 310, 312, 314, 316		19368	None	Igloo, Not Painted	22
A0401-409		16344	None	Igloo, Not Painted	22
A0501-508		14528	None	Igloo, Not Painted	22
A0601-610		18160	None	Igloo, Not Painted	22
A0702-711		19976	None	Igloo, Not Painted	22
A0801-811		19976	None	Igloo, Not Painted	22
A0901-910		18160	None	Igloo, Not Painted	22
A1001-A1012		21792	None	Igloo, Not Painted	22
A1101-A1111		19976	None	Igloo, Not Painted	22
B0101-B0112		21792	None	Igloo, Not Painted	22
B0201-B0211		19976	None	Igloo, Not Painted	22
B0301-B0311		19976	None	Igloo, Not Painted	22
B0401-B0411		19976	None	Igloo, Not Painted	22
B0501-B0511		19976	None	Igloo, Not Painted	22
B0601-B0611		19976	None	Igloo, Not Painted	22
B0701-B0711		19976	None	Igloo, Not Painted	22
B0801-B0811		19976	None	Igloo, Not Painted	22
B0901-B0911		19976	None	Igloo, Not Painted	22
C0101-C0111		19976	None	Igloo, Not Painted	22
C0201-C0211		19976	None	Igloo, Not Painted	22
C0301-C0311		19976	None	Igloo, Not Painted	22
C0401-C0412		21792	None	Igloo, Not Painted	22
C0501-C0513		23608	None	Igloo, Not Painted	22
C0601-C0611		19976	None	Igloo, Not Painted	22
C0701-C0709		16344	None	Igloo, Not Painted	22
C0801-C0809		16344	None	Igloo, Not Painted	22
C0901-C0913		23608	None	Igloo, Not Painted	22
D0101-D0113		23608	None	Igloo, Not Painted	22
D0201-D0212		21792	None	Igloo, Not Painted	22
D0301-D0313		23608	None	Igloo, Not Painted	22
D0401-D013		23608	None	Igloo, Not Painted	22
D0501-D0513		23608	None	Igloo, Not Painted	22
D0601-D0612		21792	None	Igloo, Not Painted	22
D0701-D0712		21792	None	Igloo, Not Painted	22
D0801-D0812		21792	None	Igloo, Not Painted	22
E0101-E0114		33726	None	Igloo, Not Painted	22
E0201-E0214		33726	None	Igloo, Not Painted	22
E0301-E0313		31317	None	Igloo, Not Painted	22
E0401-E0413		31317	None	Igloo, Not Painted	22
E0501-E0513		31317	None	Igloo, Not Painted	22

**Table G-2  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Designation</b>	<b>Comment</b>	<b>EBS Source of Evidence</b>
E0601-E0611		26499	None	Igloo, Not Painted	22
E0701-E0711		26499	None	Igloo, Not Painted	22
E0801-E0811		26499	None	Igloo, Not Painted	22



**Table G-3  
POTENTIAL RADON HAZARDS AT SENECA ARMY DEPOT ACTIVITY**

Building Number	Acreage	SQ FT	Radon Measurements	Radon Levels	Designation	Comment
115	0.324931	14,154	8 locations	5.5-7.3	R	Radon 4.0 or higher
2516	0.054637	2380	2 locations	2.9-4.0	R	Radon 4.0 or higher
4			1 location		None	Radon less than 4.0
5			1 location		None	Radon less than 4.0
6			1 location		None	Radon less than 4.0
101			8 locations		None	Radon less than 4.0
103			6 locations	1.3-2.4	None	Radon less than 4.0
104			1 location	2	None	Radon less than 4.0
106			5 locations	1.3-1.9	None	Radon less than 4.0
113			8 locations		None	Radon less than 4.0
114			6 locations		None	Radon less than 4.0
116			8 locations		None	Radon less than 4.0
117			4 locations		None	Radon less than 4.0
118			6 locations		None	Radon less than 4.0
119			2 locations		None	Radon less than 4.0
120			1 location		None	Radon less than 4.0
122			4 locations		None	Radon less than 4.0
123			2 locations		None	Radon less than 4.0
125			3 locations		None	Radon less than 4.0
126			2 locations	1.5-2.0	None	Radon less than 4.0
202			1 location	2.4	None	Radon less than 4.0
203			1 location	3.1	None	Radon less than 4.0
204			1 location	1.9	None	Radon less than 4.0
205			1 location	2.6	None	Radon less than 4.0
206			1 location	2.5	None	Radon less than 4.0
207			1 location	2.0	None	Radon less than 4.0
214			1 location	2	None	Radon less than 4.0
215			1 location	1.9	None	Radon less than 4.0
216			1 location	1.9	None	Radon less than 4.0
217			1 location	1.9	None	Radon less than 4.0
306			2 locations		None	Radon less than 4.0
314			1 location		None	Radon less than 4.0
316			6 locations		None	Radon less than 4.0
317			7 locations		None	Radon less than 4.0
319			1 location		None	Radon less than 4.0
320			5 locations		None	Radon less than 4.0
321			4 locations		None	Radon less than 4.0
323			4 locations		None	Radon less than 4.0
324			9 locations		None	Radon less than 4.0
325			9 locations		None	Radon less than 4.0
326			9 locations		None	Radon less than 4.0
327			9 locations		None	Radon less than 4.0
328			8 locations		None	Radon less than 4.0
329			9 locations		None	Radon less than 4.0
330			9 locations		None	Radon less than 4.0
331			9 locations		None	Radon less than 4.0
332			8 locations		None	Radon less than 4.0
333			9 locations		None	Radon less than 4.0
334			1 location		None	Radon less than 4.0
339			9 locations		None	Radon less than 4.0
340			8 locations		None	Radon less than 4.0
341			9 locations		None	Radon less than 4.0

**Table G-3  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Radon Measurements</b>	<b>Radon Levels</b>	<b>Designation</b>	<b>Comment</b>
342			9 locations		None	Radon less than 4.0
343			9 locations		None	Radon less than 4.0
345			9 locations		None	Radon less than 4.0
346			9 locations		None	Radon less than 4.0
347			8 locations		None	Radon less than 4.0
348			8 locations		None	Radon less than 4.0
349			9 locations		None	Radon less than 4.0
350			8 locations		None	Radon less than 4.0
356			16 locations		None	Radon less than 4.0
357			16 locations		None	Radon less than 4.0
612			4 locations		None	Radon less than 4.0
701			7 locations		None	Radon less than 4.0
702			3 locations	1.8-2.1	None	Radon less than 4.0
703			5 locations	1.4-5.4	None	1996 Retest below 4.0
704			5 locations	1.5-2.0	None	Radon less than 4.0
705			4 locations		None	Radon less than 4.0
706			2 locations		None	Radon less than 4.0
707			9 locations		None	Radon less than 4.0
708			5 locations	1.4-2.1	None	Radon less than 4.0
710			1 location	1.1	None	Radon less than 4.0
711			1 location	0.9	None	Radon less than 4.0
715			2 locations		None	Radon less than 4.0
718			1 location		None	Radon less than 4.0
720			2 locations		None	Radon less than 4.0
722			2 locations	1.4-1.9	None	Radon less than 4.0
723			11 locations		None	Radon less than 4.0
724			4 locations		None	Radon less than 4.0
726			2 locations		None	Radon less than 4.0
729			2 locations	1.2-1.7	None	Radon less than 4.0
731			3 locations		None	Radon less than 4.0
732			2 locations		None	Radon less than 4.0
740			3 locations	1.6-2.1	None	Radon less than 4.0
742			1 location	1.3	None	Radon less than 4.0
744			8 locations		None	Radon less than 4.0
746			3 locations		None	Radon less than 4.0
747			4 locations		None	Radon less than 4.0
750			1 location		None	Radon less than 4.0
751			2 locations		None	Radon less than 4.0
752			3 locations	1.2-1.4	None	Radon less than 4.0
800			1 location	0.9	None	Radon less than 4.0
802			2 locations		None	Radon less than 4.0
803			2 locations		None	Radon less than 4.0
804			1 location		None	Radon less than 4.0
805			2 locations		None	Radon less than 4.0
806			3 locations		None	Radon less than 4.0
807			2 locations		None	Radon less than 4.0
810			6 locations	0.9-1.3	None	Radon less than 4.0
812			2 locations		None	Radon less than 4.0
813			1 location		None	Radon less than 4.0
814			1 location		None	Radon less than 4.0
815			3 locations		None	Radon less than 4.0
816			7 locations		None	Radon less than 4.0
817			1 location		None	Radon less than 4.0
819			8 locations		None	Radon less than 4.0

**Table G-3  
(Continued)**

Building Number	Acreage	SQ FT	Radon Measurements	Radon Levels	Designation	Comment
825			6 locations		None	Radon less than 4.0
2073			1 location		None	Radon less than 4.0
2076			2 locations		None	Radon less than 4.0
2104			1 location		None	Radon less than 4.0
2301			2 locations		None	Radon less than 4.0
2305			3 locations		None	Radon less than 4.0
2306			1 location	1	None	Radon less than 4.0
2311			1 location	1.2	None	Radon less than 4.0
2401			4 locations	1.7-2.6	None	Radon less than 4.0
2403			3 locations	2.0-2.5	None	Radon less than 4.0
2404			2 locations	1.5-2.6	None	Radon less than 4.0
2406			2 locations	1.4-1.8	None	Radon less than 4.0
2408			2 locations	2.2-2.3	None	Radon less than 4.0
2410			2 locations		None	Radon less than 4.0
2411			1 location		None	Radon less than 4.0
2412			1 location	2.3	None	Radon less than 4.0
2414			1 location	2.3	None	Radon less than 4.0
2415			1 location	1.9	None	Radon less than 4.0
2418			1 location	1.1	None	Radon less than 4.0
2419			1 location	2.1	None	Radon less than 4.0
2421			1 location	1.1	None	Radon less than 4.0
2423			1 location	2.3	None	Radon less than 4.0
2426			1 location	3.1	None	Radon less than 4.0
2427			1 location	2	None	Radon less than 4.0
2429			1 location	1.8	None	Radon less than 4.0
2432			1 location	1.8	None	Radon less than 4.0
2437			1 location	1.4	None	Radon less than 4.0
2438			1 location	2	None	Radon less than 4.0
2441			1 location	1.7	None	Radon less than 4.0
2443			1 location	2.3	None	Radon less than 4.0
2446			1 location	2.6	None	Radon less than 4.0
2448			1 location	1.9	None	Radon less than 4.0
2450			2 locations	1.4-1.8	None	Radon less than 4.0
2452			1 location	1.9	None	Radon less than 4.0
2453			1 location	2.5	None	Radon less than 4.0
2485			2 locations		None	Radon less than 4.0
2491			2 locations	2.6-2.9	None	Radon less than 4.0
2492			2 locations	2.3-2.6	None	Radon less than 4.0
2493			2 locations	3.8-4.9	None	1996 Retest below 4.0
2494			2 locations	2.2-2.5	None	Radon less than 4.0
2495			2 locations	2.4-2.8	None	Radon less than 4.0
2496			4 locations	0.0-2.4	None	Radon less than 4.0
2498			2 locations	2.0-2.1	None	Radon less than 4.0
2500			2 locations	2.6-3.4	None	Radon less than 4.0
2501			2 locations	2.3-2.6	None	Radon less than 4.0
2502			2 locations	1.7-2.0	None	Radon less than 4.0
2504			3 locations	2.0-2.1	None	Radon less than 4.0
2505			3 locations	2.2-3.2	None	Radon less than 4.0
2507			2 locations	2.0-2.9	None	Radon less than 4.0
2508			2 locations	3.5-4.0	None	1996 Retest below 4.0
2509			2 locations	2.2	None	Radon less than 4.0
2510			2 locations	1.7-2.2	None	Radon less than 4.0
2511			2 locations	1.8-2.2	None	Radon less than 4.0
2512			2 locations	2.5-3.0	None	Radon less than 4.0

**Table G-3  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Radon Measurements</b>	<b>Radon Levels</b>	<b>Designation</b>	<b>Comment</b>
2513			1 location	2.1	None	Radon less than 4.0
2514			2 locations	2.8-3.2	None	Radon less than 4.0
2515			2 locations	2.4-2.6	None	Radon less than 4.0
2517			1 location	1.9	None	Radon less than 4.0
2518			2 locations	3.2-5.4	None	1996 Retest below 4.0
2519			2 locations	2.9-3.9	None	Radon less than 4.0
2520			2 locations	3.2-3.7	None	Radon less than 4.0
2521			2 locations	2.2-3.0	None	Radon less than 4.0
2523			2 locations	4.1-4.2	None	1996 Retest below 4.0
200-A			1 location	2.3	None	Radon less than 4.0
200-B			1 location	2.2	None	Radon less than 4.0
201-A			1 location	1.9	None	Radon less than 4.0
201-B			1 location	1.7	None	Radon less than 4.0
208-A			1 location	4.1	None	1996 Retest below 4.0
208-B			4 locations	2.3-3.1	None	Radon less than 4.0
209-A			2 locations	3.8-4.8	None	1996 Retest below 4.0
209-B			2 locations	3.1-6.0	None	1996 Retest below 4.0
210-A			1 location	2.4	None	Radon less than 4.0
210-B			2 locations	1.9-2.2	None	Radon less than 4.0
211-A			1 location	3.5	None	Radon less than 4.0
211-B			1 location	3.1	None	Radon less than 4.0
212-A			1 location	1.4	None	Radon less than 4.0
212-B			1 location	2.1	None	Radon less than 4.0
213-A			1 location	2.2	None	Radon less than 4.0
213-B			1 location	1.6	None	Radon less than 4.0
218-A			1 location	1.9	None	Radon less than 4.0
218-B			1 location	1.9	None	Radon less than 4.0
219-A			1 location	1.8	None	Radon less than 4.0
219-B			1 location	2	None	Radon less than 4.0
221-A			1 location	2.1	None	Radon less than 4.0
221-B			1 location	2.2	None	Radon less than 4.0
222-A			1 location	2.1	None	Radon less than 4.0
222-B			1 location	1.7	None	Radon less than 4.0
223-A			1 location	1.6	None	Radon less than 4.0
223-B			2 locations	1.9-2.1	None	Radon less than 4.0
224-A			1 location	2.2	None	Radon less than 4.0
224-B			1 location	2.1	None	Radon less than 4.0
224-C			1 location	1.8	None	Radon less than 4.0
224-D			1 location	2.8	None	Radon less than 4.0
225-A			1 location	2.1	None	Radon less than 4.0
225-B			1 location	1.9	None	Radon less than 4.0
225-C			1 location	1.7	None	Radon less than 4.0
225-D			1 location	2.7	None	Radon less than 4.0
226-A			1 location	2	None	Radon less than 4.0
226-B			1 location	1.9	None	Radon less than 4.0
226-C			2 locations	2.3-2.9	None	Radon less than 4.0
227-A			1 location	2.6	None	Radon less than 4.0
227-B			1 location	1.9	None	Radon less than 4.0
227-C			1 location	2.3	None	Radon less than 4.0
227-D			2 locations	2.0-2.9	None	Radon less than 4.0
228-A			1 location	2.4	None	Radon less than 4.0
228-B			1 location	1.8	None	Radon less than 4.0
228-C			1 location	2.3	None	Radon less than 4.0
228-D			1 location	2	None	Radon less than 4.0

**Table G-3  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Radon Measurements</b>	<b>Radon Levels</b>	<b>Designation</b>	<b>Comment</b>
229-A			1 location	1.9	None	Radon less than 4.0
229-B			1 location	1.3	None	Radon less than 4.0
229-C			1 location	2.2	None	Radon less than 4.0
229-D			1 location	1.9	None	Radon less than 4.0
230-A			1 location	2.5	None	Radon less than 4.0
230-B			1 location	1.4	None	Radon less than 4.0
230-C			1 location	2.8	None	Radon less than 4.0
230-D			1 location	2	None	Radon less than 4.0
231-A			1 location	2.6	None	Radon less than 4.0
231-B			1 location	2.1	None	Radon less than 4.0
231-C			1 location	2	None	Radon less than 4.0
231-D			1 location	1.5	None	Radon less than 4.0
232-A			1 location	1.8	None	Radon less than 4.0
232-B			1 location	2.8	None	Radon less than 4.0
232-C			1 location	1.6	None	Radon less than 4.0
232-D			1 location	1.7	None	Radon less than 4.0
233-A			1 location	1.2	None	Radon less than 4.0
233-B			1 location	2.7	None	Radon less than 4.0
233-C			2 locations	1.2-2.9	None	Radon less than 4.0
233-D			2 locations	1.8-2.3	None	Radon less than 4.0
234-A			1 location	1.9	None	Radon less than 4.0
234-B			1 location	1.7	None	Radon less than 4.0
234-C			1 location	1.8	None	Radon less than 4.0
234-D			1 location	1.5	None	Radon less than 4.0
235-A			1 location	2.4	None	Radon less than 4.0
235-B			1 location	1.6	None	Radon less than 4.0
235-C			1 location	1.6	None	Radon less than 4.0
235-D			2 locations	2.1-2.3	None	Radon less than 4.0
236-A			1 location	1.5	None	Radon less than 4.0
236-B			1 location	1.7	None	Radon less than 4.0
236-C			2 locations	1.8-2.3	None	Radon less than 4.0
236-D			1 location	2.2	None	Radon less than 4.0
237-B			1 location	1.9	None	Radon less than 4.0
237-C			1 location	1.7	None	Radon less than 4.0
237-D			1 location	2.5	None	Radon less than 4.0
238-A			1 location	2.2	None	Radon less than 4.0
238-B			1 location	2.3	None	Radon less than 4.0
238-C			1 location	1.4	None	Radon less than 4.0
238-D			1 location	2	None	Radon less than 4.0
239-A			1 location	2.3	None	Radon less than 4.0
239-B			1 location	1.7	None	Radon less than 4.0
239-C			2 locations	1.6-1.8	None	Radon less than 4.0
239-D			1 location	2.2	None	Radon less than 4.0
240-A			1 location	1.9	None	Radon less than 4.0
240-B			1 location	2.3	None	Radon less than 4.0
240-C			1 location	1.6	None	Radon less than 4.0
240-D			1 location	2.2	None	Radon less than 4.0
241-A			1 location	2.5	None	Radon less than 4.0
241-B			1 location	2.2	None	Radon less than 4.0
241-C			1 location	1.7	None	Radon less than 4.0
241-D			1 location	1.7	None	Radon less than 4.0
242-A			1 location	3.3	None	Radon less than 4.0
242-B			1 location	1.7	None	Radon less than 4.0
242-C			2 locations	1.8-2.0	None	Radon less than 4.0

**Table G-3  
(Continued)**

<b>Building Number</b>	<b>Acreage</b>	<b>SQ FT</b>	<b>Radon Measurements</b>	<b>Radon Levels</b>	<b>Designation</b>	<b>Comment</b>
242-D			1 location	1.5	None	Radon less than 4.0
243-A			1 location	2.4	None	Radon less than 4.0
243-B			1 location	2.2	None	Radon less than 4.0
243-C			1 location	3.1	None	Radon less than 4.0
243-D			1 location	2.3	None	Radon less than 4.0
244-A			1 location	2.2	None	Radon less than 4.0
244-B			1 location	1.5	None	Radon less than 4.0
244-C			1 location	2.3	None	Radon less than 4.0
244-D			1 location	2.6	None	Radon less than 4.0
245-A			1 location	2.4	None	Radon less than 4.0
245-B			1 location	2.7	None	Radon less than 4.0
245-C			1 location	2.3	None	Radon less than 4.0
245-D			1 location	2	None	Radon less than 4.0
2470			1 location	1.5	None	Radon less than 4.0
2471			2 locations	1.6-1.7	None	Radon less than 4.0
2472			1 location	1.4	None	Radon less than 4.0
2474			1 location	1.9	None	Radon less than 4.0
2475			1 location	1	None	Radon less than 4.0
2476			1 location	1.8	None	Radon less than 4.0
2477			1 location	1.1	None	Radon less than 4.0
2478			1 location	1.4	None	Radon less than 4.0
2479			1 location	5	None	1996 Retest below 4.0
2480			1 location	1.8	None	Radon less than 4.0
2481			1 location	1.5	None	Radon less than 4.0
2482			1 location	1.2	None	Radon less than 4.0
2483			1 location	2.1	None	Radon less than 4.0
2484			1 location	1.5	None	Radon less than 4.0
2486			1 location	1.1	None	Radon less than 4.0
2487			1 location	1	None	Radon less than 4.0
2488			1 location	1	None	Radon less than 4.0
2489			1 location	1.2	None	Radon less than 4.0
2490			1 location	0.8	None	Radon less than 4.0
Loran C			2 locations	1.4-1.5	None	Radon less than 4.0
S-714			3 locations		None	Radon less than 4.0
S142			4 locations		None	Radon less than 4.0

**APPENDIX H**

**RUMORS LIST**





