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4 March 2009

Peter Jensen, Environmental Program Manager
Joint Forces Headquarters – New York
New York State Division of Military and Naval Affairs
330 Old Niskayuna Rd.
Latham, NY 12110

Re: Draft NDNODS Inventory Report, New York, NDNODS Inventory
Contract W91238-07-F-0030

Dear Mr. Jensen:

Malcolm Pirnie, Inc. is pleased to provide to the Joint Forces Headquarters – New York the Draft New York Army National Guard (NYARNG) Non-Department of Defense Owned, Non-Operational, Defense Sites (NDNODS) Inventory Report. One copy of the Draft ARNG NDNODS Inventory Report has been provided.

The enclosed report includes the Inventory findings at each New York ARNG NDNODS in accordance with requirements set forth by the National Defense Authorization Act of Fiscal Year (FY) 2002 in which Congress directed the Department of Defense (DoD) to develop an inventory of military ranges and defense sites that are known or suspected to contain munitions and explosives of concern (MEC) and/or munitions constituents (MC).

Comments on the Draft New York ARNG NDNODS Inventory Report should be submitted to Tim Peck, Baltimore District, US Army Corps of Engineers by 20 April 2009. The Final New York ARNG NDNODS Inventory Report will be submitted within 30 days of receipt of comments (20 May 2009). Please submit your comments via email to:

Tim Peck, Project Manager
Baltimore District, US Army Corps of Engineers
Timothy.j.peck@usace.army.mil
410.962.6751

Sincerely,

A handwritten signature in black ink that reads "Lisa Szegedi".

Lisa Szegedi, Team Leader

CC: NGB - Kimberly Harriz
NGB - Anna Hudson
USACE PgM - Chris Cochrane
USACE PM - Timothy Peck
USAEC - Laura Paugh

DRAFT State/Territory Inventory Report

**NATIONAL GUARD BUREAU
NON-DEPARTMENT OF DEFENSE OWNED
NON-OPERATIONAL DEFENSE SITES
INVENTORY**

NEW YORK



Prepared for:



New York Army National Guard,
National Guard Bureau,
U.S. Army Environmental Command, and
U.S. Army Corps of Engineers, Baltimore District

Prepared by:

**MALCOLM
PIRNIE**

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March 2009



DRAFT
STATE/TERRITORY INVENTORY REPORT

NATIONAL GUARD BUREAU
NON-DEPARTMENT OF DEFENSE
OWNED NON-OPERATIONAL DEFENSE
SITE INVENTORY

for

NEW YORK

March 2009

Prepared for:

New York Army National Guard,
National Guard Bureau,
United States Army Environmental Command, and
United States Army Corps of Engineers, Baltimore District

Prepared by:

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ABBREVIATIONS / ACRONYMS

Acronym	Definition
ADK	Adirondack Mountain Club
AG	Adjutant General
AR	Army Regulation
ARNG	Army National Guard
BRAC	Base Realignment and Closure
cal	caliber
Co.	Company
CTT	Closed, Transferred, Transferring
DA	Department of the Army
DA PAM	Department of the Army Pamphlet
DERP	Defense Environmental Restoration Program
DMM	Discarded Military Munitions
DoD	Department of Defense
DOE	Department of Energy
FUDS	Formerly Used Defense Sites
FY	Fiscal Year
GIS	Geographic Information Systems
GPS	Global Positioning System
GVC	Genesee Valley Chapter
IRP	Installation Restoration Program
JFHQ	Joint Force Headquarters
LLC	Limited Liability Company
LPA	Limited Public Access
LTA	Local Training Area
MC	Munitions Constituent
MEC	Munitions and Explosives of Concern
MG	Machine Gun
MMRP	Military Munitions Response Program
MRS	Munitions Response Site
MRSPP	Munitions Response Site Prioritization Protocol
NA	Not Applicable
NDNODS	Non-Department of Defense Owned, Non-Operational, Defense Sites
NGB	National Guard Bureau
NPA	No Public Access
NRA	National Rifle Association

NYARNG NDNODS Inventory

Acronym	Definition
NY	New York
NYARNG	New York Army National Guard
NYC	New York City
NYS	NY State
NYSDEC	N.Y. State Department of Environmental Conservation
NYSEG	New York State Electric and Gas
PAM	Pamphlet
PBA	Police Benevolent Association
PD	Police Department
PIPC	Palisades Interstate Park Commission
POC	Point of Contact
POW	Prisoner of War
RCA	Range Condition Assessment
RDX	cyclotrimethylenetrinitramine
ROE	Right of Entry
ROTC	Reserve Officers Training Corp.
RPA	Restricted Public Access
SARA	Superfund Amendments and Reauthorization Act
SDZ	Surface Danger Zone
SOSO	State Owned / State Operated
SWMU	Solid Waste Management Unit
TM	Training Manual
U.S.	United States
U.S.C.	Unites States Code
UPA	Unrestricted Public Access
USACE	United States Army Corps of Engineers
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAEC	Unites States Army Environmental Command
USGS	U.S. Geographical Survey
UTM	Universal Transverse Mercator
UXO	Unexploded Ordnance
WETS	Weekend Training Site
WW	World War

EXECUTIVE SUMMARY

Purpose of the Inventory

The New York Army National Guard (NYARNG) Non-Department of Defense Owned, Non-Operational, Defense Sites (NDNODS) Inventory is being completed in accordance with the requirements set forth by the National Defense Authorization Act of Fiscal Year 2002 in which Congress directed the Department of Defense to develop an inventory of military ranges and defense sites that are known or suspected to contain munitions constituents (MC) and munitions and explosives of concern (MEC) (including unexploded ordnance [UXO], discarded military munitions [DMM], and MC present in high enough concentrations to pose an explosive hazard).

By letter dated 3 August 2005, the United States Army Office of the Assistant Secretary (Installations and Environment) approved the use of funds from the Environmental Restoration, Army account to develop an inventory and implement the Munitions Response Site Prioritization Protocol (MRSPP). The primary goals of the National Guard Bureau (NGB) NDNODS Inventory are to:

- Collect specific information required per 10 United States Code 2710 at each Munitions Response Site (MRS) and
- Develop the draft MRSPP for each MRS identified.

The inventory encompasses land and water areas where the State Army National Guard (ARNG) may have trained, controlled, or otherwise used military munitions in the past. The inventory is being completed to establish a comprehensive list and to understand the potential liability associated with NDNODS by identifying defense sites that may require cleanup for MEC and/or MC. Future response actions or cleanups, as needed, generally will follow the Comprehensive Environmental Response Compensation and Liability Act and the National Contingency Plan process.

Purpose of the Inventory Report

The NYARNG NDNODS Inventory Report presents the results of the inventory effort. The Report findings were compiled primarily through an archive search (national, state, and local level), general internet search, review of Joint Force Headquarters - State records, interviews with local historical societies, interviews of personnel at, or involved with the State ARNG and/or NDNODS, and site visits. The in-brief was conducted on 1 July 2008 and field site visits were conducted from 13 October 2008 to 17 October 2008, 2 December 2008 to 5 December 2008, and 8 December 2008 to 12 December 2008.

The NYARNG NDNODS Inventory Report includes the following items:

- Map depicting the locations of all eligible NDNODS and their associated MRSs
- Maps depicting all MRSs
- Description of NGB NDNODS Inventory Data Requirements - Site Information, UXO Liability and Future Assessment, and Stewardship for each NDNODS and associated MRS presented in both summary and tabular formats
- Ineligible Site Table and supporting documentation listing sites that were evaluated during the NDNODS Inventory and determined to be ineligible
- Spatial Data Standards Facilities Infrastructure and Environment compliant geographical information system files and data files in American Standard Code for Information Interchange (ASCII) format to be provided as a separate electronic deliverable

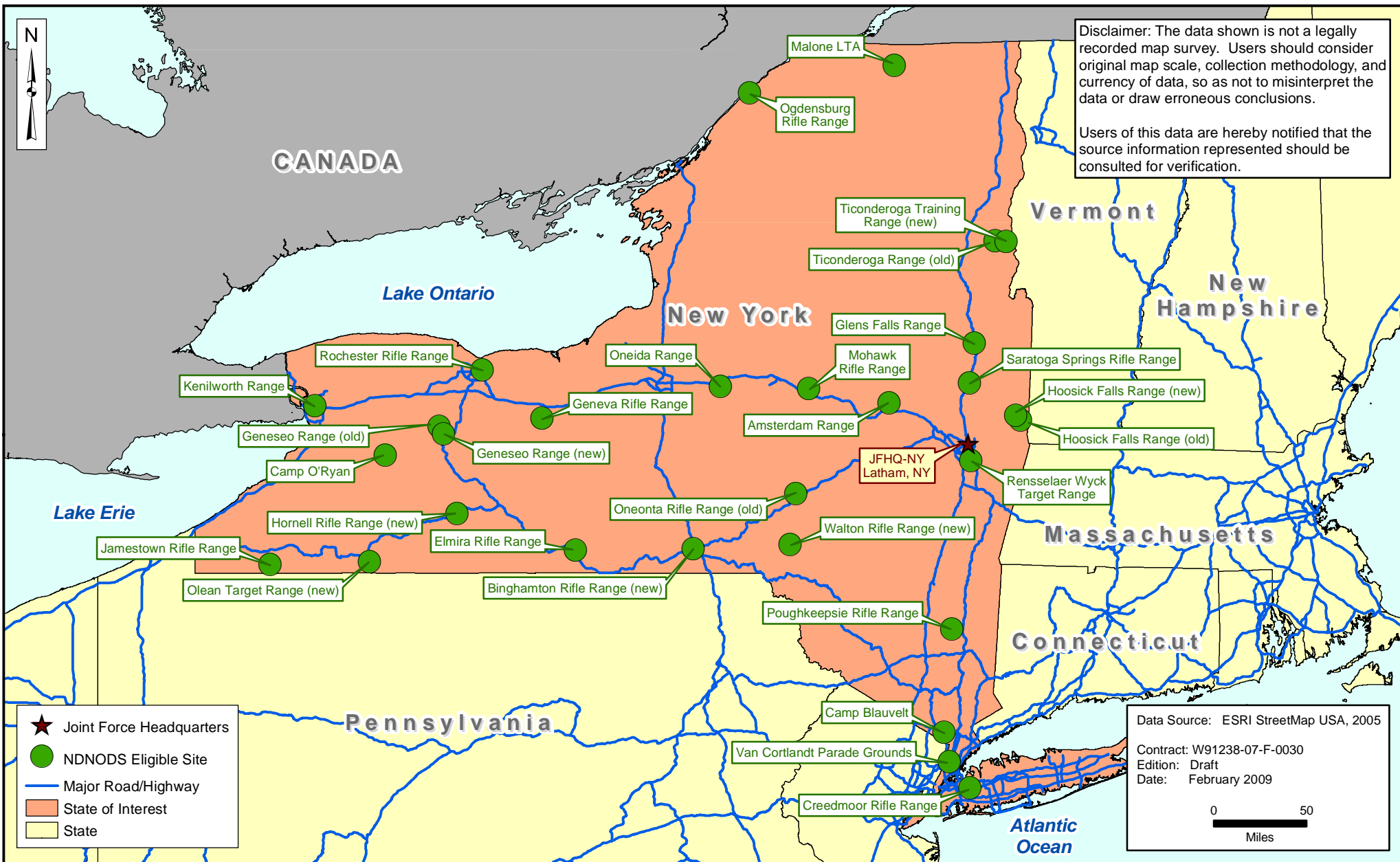
In addition, a Draft MRSPP is provided as a separate deliverable with the Report.

Summary of Results

Table ES-1: New York NDNODS Inventory Summary						
NDNODS	MRS Name	MRS Number	Status (Closed or Transferred)	Total MRS Area (Acres)	Owner	Munitions
Amsterdam Range	Amsterdam Range	RRNY000001	Transferred	25	Private	Small Arms
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)	RRNY000002	Transferred	14	Mixed	Small Arms
Camp Blauvelt	Camp Blauvelt	RRNY000003	Transferred	447	State	Small Arms
Camp O'Ryan	Camp O'Ryan	RRNY000004	Transferred	376	Private	Small Arms
Creedmoor Rifle Range	Creedmoor Rifle Range	RRNY000005	Transferred	200	State	Small Arms
Elmira Rifle Range	Elmira Rifle Range	RRNY000006	Transferred	132	Private	Small Arms
Geneseo Range (new)	Geneseo Range (new)	RRNY000007	Transferred	1,925	Mixed	Small Arms
Geneseo Range (old)	Geneseo Range (old)	RRNY000008	Transferred	4	Private	Small Arms
Geneva Rifle Range	Geneva Rifle Range	RRNY000009	Transferred	939	Private	Small Arms
Glens Falls Range	Glens Falls Range	RRNY000010	Transferred	876	Private, Local Government	Small Arms
Hoosick Falls Range (new)	Hoosick Falls Range (new)	RRNY000011	Transferred	23	Private	Small Arms
Hoosick Falls Range (old)	Hoosick Falls Range (old)	RRNY000012	Transferred	10	Private	Small Arms
Hornell Rifle Range (new)	Hornell Rifle Range (new)	RRNY000013	Transferred	100	Federal, Local Government, State	Small Arms
Jamestown Rifle Range	Jamestown Rifle Range	RRNY000014	Transferred	10	Commercial	Small Arms
Kenilworth Range	Kenilworth Range	RRNY000015	Transferred	242	Private, Mixed	Small Arms
Malone LTA	Malone LTA	RRNY000016	Transferred	43	State	Small Arms
Mohawk Rifle Range	Mohawk Rifle Range	RRNY000017	Transferred	73	Private	Small Arms
Ogdensburg Rifle Range	Ogdensburg Rifle Range	RRNY000018	Transferred	7	State	Small Arms
Olean Target Range (new)	Olean Target Range (new)	RRNY000019	Transferred	4	Private	Small Arms
Oneida Range	Oneida Range	RRNY000020	Transferred	8	Private, Local Government	Small Arms
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)	RRNY000021	Transferred	204	Private	Small Arms
Poughkeepsie Rifle Range	Poughkeepsie Rifle Range	RRNY000022	Transferred	5	Private	Small Arms

NYARNG NDNODS Inventory

Table ES-1: New York NDNODS Inventory Summary						
NDNODS	MRS Name	MRS Number	Status (Closed or Transferred)	Total MRS Area (Acres)	Owner	Munitions
Rensselaer Wyck Target Range	Rensselaer Wyck Target Range	RRNY000023	Transferred	30	Local Government	Small Arms
Rochester Rifle Range	Rochester Rifle Range	RRNY000024	Transferred	8	Local Government	Small Arms
Saratoga Springs Rifle Range	Saratoga Springs Rifle Range	RRNY000025	Transferred	100	Private, Local Government	Small Arms
Ticonderoga Range (old)	Ticonderoga Range (old)	RRNY000026	Transferred	406	Private	Small Arms
Ticonderoga Training Range (new)	Ticonderoga Training Range (new)	RRNY000027	Transferred	105	Private	Small Arms
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds	RRNY000028	Transferred	62	Local Government	Pyrotechnics, Small Arms, Hand Grenades, Mortars, High Explosives
Walton Rifle Range (new)	Walton Rifle Range (new)	RRNY000029	Transferred	4	Private, Local Government, Commercial	Small Arms



National Guard Bureau
 Non-DoD Owned, Non-Operational, Defense Sites Inventory
 New York



Figure ES-1
NYARNG Location Map

1.0 STATE INTRODUCTION

The National Guard Bureau (NGB) is in the process of inventorying Non-Department of Defense (DoD) Owned, Non-Operational, Defense Sites (NDNODS). This report documents the results of the NDNODS Inventory of New York.

1.1 Regulatory Framework

The regulatory structure for managing Army National Guard (ARNG) Military Munitions Response Program (MMRP) sites is guided by a mixture of federal, state, and local laws, as well as DoD and Army regulations and guidance. Key legislative and administrative precedents to date will undoubtedly influence the final regulatory framework for the MMRP. The key legislative and administrative precedents include the following:

Defense Environmental Restoration Program (DERP) Management Guidance (September 2001)

The DERP Management Guidance established an MMRP element for Unexploded Ordnance (UXO), Discarded Military Munitions (DMM), and Munitions Constituents (MC) defense sites. The history of DERP dates back to the Superfund Amendments and Reauthorization Act (SARA) of 1986. The scope of the DERP is defined in 10 United States Code (U.S.C.) §2701(b), which states that the:

Goals of the program shall include the following: ... (1) The identification, investigation, research and development, and cleanup of contamination from hazardous substances, and pollutants and contaminants. (2) Correction of other environmental damage (such as detection and disposal of unexploded ordnance) which creates an imminent and substantial endangerment to the public health or welfare or to the environment.

Army DERP Management Guidance for Active Installations (November 2004)

The Army DERP Management Guidance provides guidance for active installations and non-base realignment and closure (BRAC) excess properties on the management of the Army Installation Restoration Program (IRP), the MMRP, and the Building Demolition and Debris Removal Program categories that are related to environmental cleanup. The Army DERP Management Guidance does not apply to Army restoration activities overseas, the BRAC Environmental Restoration Program, the Compliance-Related Cleanup Program or the Formerly Used Defense Sites (FUDS) Restoration Program. The guidance document was provided to implement the Army's DERP in accordance with the DoD Management Guidance for the DERP (September 2001). The Army DERP Management Guidance supplements the roles, responsibilities and procedures contained in the Army Regulation 200-1, Environmental Protection and Enhancement (AR 200-1) and the Department of the Army Pamphlet 200-1, Environmental Protection and Enhancement (DA PAM 200-1).

National Defense Authorization Act (Fiscal Year [FY] 02) (Sections 311-312)

Sections 311-312 of the National Defense Authorization Act of FY02 reinforced the DoD's 2001 DERP Management Guidance by tasking the DoD to develop and maintain an inventory of defense sites that are known or suspected to contain Munitions and Explosives of Concern (MEC) or MC, also known as munitions response sites (MRS). Section 311 requires the DoD to develop a protocol for prioritizing defense sites for response activities in consultation with the states and tribes. Section 312 requires the DoD to create a separate program element to ensure that the DoD can identify and track munitions response funding.

The September 2001 Management Guidance for the DERP and the National Defense Authorization Act of FY02, described above, established the MMRP. The DERP and the MMRP provide guidance and methods for conducting a baseline inventory of defense sites containing, or potentially containing, UXO, DMM, or MC.

As part of the National Defense Authorization Act for FY02, Congress directed the DoD to develop an inventory of military ranges and defense sites that are known or suspected to contain UXO, DMM, and MC. The law, 10 U.S.C. 2710 (e)(1), defines a defense site as any location that is or was owned by, leased to, or otherwise possessed or used by the DoD. The term does not include any operational range, operating storage or manufacturing facility, or facility that is used or permitted for the treatment or disposal of military munitions.

1.2 Background

In the late 1990s, recognizing a need for a cohesive process to address UXO and other constituents on other than operational ranges, the NGB began a comprehensive inventory of its closed, transferred, and transferring (CTT) ranges and munitions sites. Under the guidance of Senate Report 106-50 and DoD Directives 4715.11 and 4715.12, the NGB Environmental Division, with support from the U.S. Army Corps of Engineers (USACE), oversaw the execution of a CTT Inventory.

In June and September of 2005, to meet the requirements of the FY02 National Defense Authorization Act, the NGB's Environmental Division met with the Army Chief of Staff for Installation Management and the U.S. Army Environmental Command (USAEC) to identify NDNODS that had not been previously addressed during the U.S. Army's inventory efforts. During these meetings, potential defense sites that were formerly state owned, state operated, or leased land to state ARNG units were identified for inclusion in the NDNODS Inventory.

This NDNODS Inventory augments the previous CTT Inventory and is being conducted to identify all MRSs that meet the eligibility criteria under the NDNODS Program. To be considered an NDNODS MRS and inventoried as part of this project, a site must meet the following criteria:

- Must be currently or formerly owned by, leased to, or otherwise possessed or used by the ARNG.
- Must have historical outdoor range activities with munitions use, prior to 30 September 2002. However, sites where munitions use has been limited to small arms blanks are not eligible.
- Must have geospatially definable boundaries.
- Cannot be an operational range (any service or New York ARNG (NYARNG)), or have a continuing release (i.e. private gun club or law enforcement range).
- Cannot be an indoor range.
- Cannot be a permitted facility.
- Cannot be covered under another MMRP (i.e., Army / Navy / Air Force, BRAC or the FUDS Program).
- Cannot be a historic battlefield.

1.3 Report Objectives

The NYARNG NDNODS inventory is being completed to establish a comprehensive list and to understand the potential liability associated with NDNODS and the associated MRS(s). Future response actions or cleanups, as needed, will generally follow the Comprehensive Environmental Response Compensation and Liability Act and the National Contingency Plan process.

This Report presents the results of the NYARNG NDNODS Inventory. This assignment required historical research, including an archive search at the national, state, and local levels designed to identify NDNODS and associated MRS subject to this inventory, and the locations, periods of use, and associated types of MEC and/or MC. The majority of the data was obtained through pre-site visit data collection activities; review of historical records; interviewing personnel at, or involved with, the NYARNG (or other state ARNG); and the NDNODS visit.

1.4 Project Participants

The USAEC is the overall Program Manager for the NDNODS Inventory. The USACE is the executing organization for the NDNODS Inventory. The NGB is the overall Program Manager for the ARNG. The NYARNG provided execution support for the actual Inventory completion. Malcolm Pirnie, Inc., under contract to the USACE, completed the NYARNG NDNODS Inventory.

1.5 State Results Summary

A total of 29 eligible MRSs, one at each NDNODS, were identified during the inventory of New York (NY). These 29 MRSs include Amsterdam Range, Binghamton Rifle Range (new), Camp Blauvelt, Camp O’Ryan, Creedmoor Rifle Range, Elmira Rifle Range, Geneseo Range (old), Geneseo Range (new), Geneva Rifle Range, Glens Falls Range, Hoosick Falls Range (old), Hoosick Falls Range (new), Hornell Rifle Range, Jamestown Rifle Range, Kenilworth Range, Malone Local Training Area (LTA), Mohawk Rifle Range, Ogdensburg Rifle Range, Olean Target Range (new), Oneida Range, Oneonta Rifle Range (old), Poughkeepsie Rifle Range, Rensselaer Wyck Target Range, Rochester Rifle Range, Saratoga Springs Rifle Range, Ticonderoga Range (old), Ticonderoga Training Range (new), Van Cortlandt Parade Grounds and Walton Rifle Range (new). All 29 MRSs were determined to be eligible based on the historical munitions use and current land use activities associated with them. In addition, 60 other sites were investigated during this effort and determined to be ineligible. The NY Ineligible Site Table is provided in Appendix D of this report and the associated historical documentation is provided in Appendix A.

2.0 DEFINITIONS AND DATA REQUIREMENTS

This section defines the terms used in this report and applicable to this inventory effort.

2.1 Inventory Definitions

- Closed Range:** A military range that has been taken out of service as a range and that either has been put to new uses that are incompatible with range activities or is not considered by the military to be a potential range area. A closed range is still under the control of a DoD component.
- Defense Site:** All locations that are or were owned by, leased to, or otherwise possessed or used by the DoD. The term does not include any operational range, operating storage or manufacturing facility, or facility that is used or was permitted for the treatment or disposal of military munitions. (10 U.S.C. 2710(e)(1))
- Discarded Military Munitions (DMM):** Military munitions that have been abandoned without proper disposal or removed from storage in a military magazine or other storage area for the purpose of disposal. The term does not include UXO, military munitions that are being held for future use or planned disposal, or military munitions that have been properly disposed of consistent with applicable environmental laws and regulations. (10 U.S.C. 2710(e)(2))
- Military Munitions:** Military munitions are all ammunition products and components produced for or used by the armed forces for national defense and security, including ammunition products or components under the control of the DoD, the U.S. Coast Guard, the Department of Energy (DOE), and the National Guard. The term includes confined gaseous, liquid, and solid propellants; explosives; pyrotechnics; chemical and riot control agents; smokes and incendiaries, including bulk explosives and chemical warfare agents; chemical munitions; rockets; guided and ballistic missiles; bombs; warheads; mortar rounds; artillery ammunition; small arms ammunition; grenades; mines; torpedoes; depth charges; cluster munitions and dispensers; demolition charges; and devices and components thereof. The term does not include wholly inert items; improvised explosive devices; and nuclear weapons and nuclear devices that are managed under the nuclear weapons program of the DOE after all required sanitization operations under the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.) have been completed.
- Military Range:** A designated land or water area set aside, managed, and used for range activities of the DoD. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, electronic scoring sites, buffer zones with restricted access and exclusionary areas, and airspace areas designated for military used in accordance with regulations and procedures prescribed by the Administrator of the Federal Aviation Administration.

Munitions and Explosives of Concern (MEC):	This term, which distinguishes specific categories of military munitions that may pose unique explosives safety risks, means UXO, as defined in 10 U.S.C. 2710(e)(9), DMM, as defined in 10 U.S.C. 2710(e)(9), or MC (e.g., trinitrotoluene or cyclotrimethylenetrinitramine [RDX]) present in high enough concentrations to pose an explosive hazard.
Munitions Constituents (MC):	Any materials originating from UXO, DMM, or other military munitions, including explosive and nonexplosive materials, and emission, degradation, or breakdown elements of such ordnance or munitions. (10 U.S.C. 2710(e)(4))
Munitions Debris:	Remnants of munitions (e.g., fragments, penetrators, projectiles, shell casings, links, fins) remaining after munitions use, demilitarization, or disposal. (10 U.S.C. 2710 (e)(2))
Non-Department of Defense Owned, Non-Operational, Defense Site (NDNODS):	<p>To be considered a NDNODS MRS:</p> <ul style="list-style-type: none"> - the site must be currently or formerly owned by, leased to, or otherwise possessed or used by the ARNG; - the site must have historical outdoor range activities with munitions use, prior to 30 September 2002. However, sites where munitions used has been limited to small arms blanks are not eligible; - the site must have geospatially definable boundaries - the site cannot be an operational range (any service or NYARNG), or have a continuing release (i.e. private gun club or law enforcement range) - the site cannot be an indoor range - the site cannot be a permitted facility - the site cannot be covered under another MMRP (i.e., Army / Navy / Air Force, BRAC or the FUDS Program) - the site cannot be a historic battlefield
Operational Range:	A military range that is under the jurisdiction, custody, or control of the Secretary of Defense and that is used for range activities or, although not currently being used for range activities, that is still considered by the Secretary to be a range and has not been put to a new use that is incompatible with range activities.
Other Than Operational Range:	Formerly referred to as “closed, transferred and transferring” ranges. May also be referred to as “non-operational” ranges.
Transferred Range:	A military range that is no longer under military control and had been leased by the DoD, transferred, or returned from the DoD to another entity, including federal entities. This includes a military range that is no longer under military control, but that was used under the terms of an executive order, special-use permit or authorization, right-of-way, public land order, or other instrument issued by the federal land manager. Additionally, property that was previously used by the military as a range, but did not have a formal use agreement, also qualifies as a transferred range.

Transferring Range: A military range that is proposed to be leased, transferred, or returned from the DoD to another entity, including federal entities. This includes a military range that was used under the terms of a withdrawal, executive order, special-use permit or authorization, right-of-way, public land order, or other instrument issued by the federal land manager or property owner. An active range will not be considered a transferring range until the transfer is imminent (generally defined as the transfer date is within 12 months and a receiving entity has been notified).

Unexploded Ordnance (UXO): Military munitions that have been primed, fused, armed, or otherwise prepared for action; have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installations, personnel, or material; and remain unexploded either by malfunction, design, or any other cause. (10 U.S.C. 101(e)(5))

2.2 Inventory Data Requirements

The specific information required per 10 U.S.C. 2710 for UXO, DMM, and MC at each NDNODS is described below:

Site Information:

- Unique identifier for each NDNODS and the actual NDNODS name
- Unique identifier for each MRS
- MRS description
- NDNODS and MRS status
- NDNODS points of contact (POC)
- Specific data on MRS location (acres, boundaries, county, city, state)
- Ownership interests or control, especially tribal affiliations
- Land use controls

UXO Liability and Future Assessment:

- Types of munitions
- Vegetation types/density
- Terrain classification
- Soil types
- Known environmental responses, to include UXO removal actions or other response to MEC

Stewardship:

- Presence of special status species
- Presence of cultural resources
- Location of Installation Restoration sites

Draft Munitions Response Site Prioritization Protocol (MRSPP): - As part of the inventory effort, a draft MRSPP, in accordance with the provision of 10 U.S.C.2710(b), was to be completed for each MRS(s). The draft MRSPP(s) are provided as a separate deliverable submitted concurrently with the inventory report. The completion of the draft MRSPP is necessary to assign identified MRS containing UXO, DMM, and MC a relative draft prioritization score for future potential cleanup actions. The draft prioritization score, determined by applying the MRSPP, is based on the overall conditions of each MRS, as well as safety and environmental hazards that may be present on each MRS.

2.3 Map Requirements

A minimum of two maps are included in the Report, but additional maps may be supplemented as needed depending on state-and NDNODS-specific characteristics. The general map content is described below:

- State Overview Map:** Map depicting the locations of all of the NDNODS and their associated MRS(s).
- MRS Map(s):** Map(s) depicting all MRS(s).

3.0 AMSTERDAM RANGE

3.1 Amsterdam Range Summary

3.1.1 Amsterdam Range Overview and Description

The former Amsterdam Range is located on private property in the City of Johnstown, NY. As shown on Figure ES-1, Johnstown is located in Montgomery County in the east-central portion of New York, approximately 50 miles northwest of Albany. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the area where the range was located is a large field surrounded by woods, and no evidence of a former range was found during the site field visit.

3.1.2 Amsterdam Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This site was identified by the NGB. Annual Adjutant General (AG) Reports describing this range were obtained during research at the National Archives and lease agreements were obtained from the NYARNG Joint Force Headquarters (JFHQ). The site location was determined based on information contained in the lease agreements, and ownership information was obtained from the New York State (NYS) Office of Real Property Service's website.

Since the property is privately owned, a right-of-entry (ROE) was signed and submitted by the owner on 26 September 2008, and a field site visit to the former range was conducted on 16 October 2008. To document the results of the site visit, the NDNODS team took field notes and photographs and recorded the coordinates of pertinent site features with a Global Positioning System (GPS). Refer to Section 3.5 for the photograph log.

3.1.3 Amsterdam Range Critical Data Sources

Critical data sources for the Amsterdam Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, and a 1933 lease agreement (NY0024), which contains sufficient information to locate the range. According to the lease, the range location begins where a small stream crosses Switzer Hill Road; this location is shown on an 1898 U.S. Geological Survey (USGS) map. The interviews conducted provided little or no additional information concerning historical use of the range.

3.2 Amsterdam Range MRS Data

Table 3-1 provides a brief summary of each MRS associated with Amsterdam Range.

Table 3-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Amsterdam Range	RRNY000001	Transferred	Private	Agricultural w/o Housing	NA	25.00

Total Acreage	25.00
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3.2.1 Amsterdam Range Summary

The Amsterdam Range MRS, which had four targets with 200 to 800 yard firing lines, was located on approximately 25 acres of land in the City of Johnstown, NY. The range was used by the NYARNG Company (Co.) G 105th Infantry for the firing of .30-caliber (cal.) MI and .30-cal. M1906 ammunition. The period of use for this MRS was estimated to be at least 1904 to 1957. The date the range was constructed is unknown; however, according to a 1934 lease, the range had already been present for over 30 years. In 1942, the NYARNG recommended that equipment from this range be moved to the Guilderland Range (refer to the Guilderland Weekend Training Site [WETS] write-up in Appendix D), and a 1942 memorandum indicated the Amsterdam Range was released by the NYARNG as of 30 June 1942. This is contradicted by several documents including a 1948 memorandum to the Assistant AG requesting funds to make repairs to the Amsterdam Rifle Range and 1949, 1950, and 1951 NYARNG Annual AG Reports that list the Amsterdam Range as active. Reportedly the lease for this range expired on 31 March 1957.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 3-1 is based on the current tax map boundary. No evidence of the former range was observed during the 16 October 2008 site visit. Currently, the site is a hayfield with mowed paths around the perimeter. The majority of the site is relatively swampy; the property owner indicated this is due to a recent dam constructed by a beaver on Danascara Creek. The property owner also indicated that during the 10 years he has owned the property, he has not seen any evidence of the presence of a former range. The site location is shown on Figure 3-1 and a photograph log is included in Section 3-5. All supporting documents are provided in Appendix C of this report.

3.3 Amsterdam Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Amsterdam Range.

Table 3-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Amsterdam Range	Property Owner	Unknown	Unknown	Unknown	Amsterdam Range Property Owner
Phone	Unknown		Address	Switzer Hill Road	
DSN					
Fax					
Email	Unknown			Amsterdam, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Amsterdam Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN					New York State Division of Military and Naval Affairs
Fax					330 Old Niskayuna Road
Email	peter.jensen1@us.army.mil			Latham, New York	

The Amsterdam Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 3-3: MRS Table			
NDNODS Name	MRS Name	Status	
Amsterdam Range	Amsterdam Range	Transferred	
Range Description			
The Amsterdam Range (NYRR000001) was a small arms range used by the NYARNG from 1904 to 1957. This MRS, which consists of 25 acres in Johnstown, NY, and is currently a hayfield. The site is bounded by Switzer Hill Road to the east, Danascara Creek to the north and west, woods and an abandoned railroad track to the west, and a residence to the south.			
MRS ID			
RRNY000001			
UTM Zone	UTM X	UTM Y	Construction Year
18	551816.55	4758634.22	1904
Topography	Vegetation	Soil Type	
Gently Rolling	Barren or Low Grass	Sand-Silt/Sand-Clay	
Current Use	Start Year		
Agricultural w/o Housing	1958		
Historic Uses	Start Year	End Year	
Small Arms	1904	1957	

UTM = Universal Transverse Mercator

The Amsterdam Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 3-4: Munitions Table		
NDNODS Name	MRS Name	
Amsterdam Range	Amsterdam Range	
Munitions Description	Start Year	End Year
Small Arms	1904	1957

The Amsterdam Range Ownership Table provides detailed information on MRS ownership.

Table 3-5: Ownership Table				
NDNODS Name	MRS Name			
Amsterdam Range	Amsterdam Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is currently privately-owned farmland.	Transfer	1958	NA

The Amsterdam Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 3-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Amsterdam Range	Amsterdam Range	NA	NA	There are no barriers preventing access to any part of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Amsterdam Range Demographics Table provides information on MRS demographics.

Table 3-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Amsterdam Range	Amsterdam Range	City	Johnstown	New York	USA

The Amsterdam Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 3-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Amsterdam Range	Amsterdam Range	According to the N.Y. State Department of Environmental Conservation (NYSDEC) Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
16	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

3.4 Amsterdam Range Notes

There are no additional notes for Amsterdam Range.

3.5 Amsterdam Range Interview and Photograph Logs

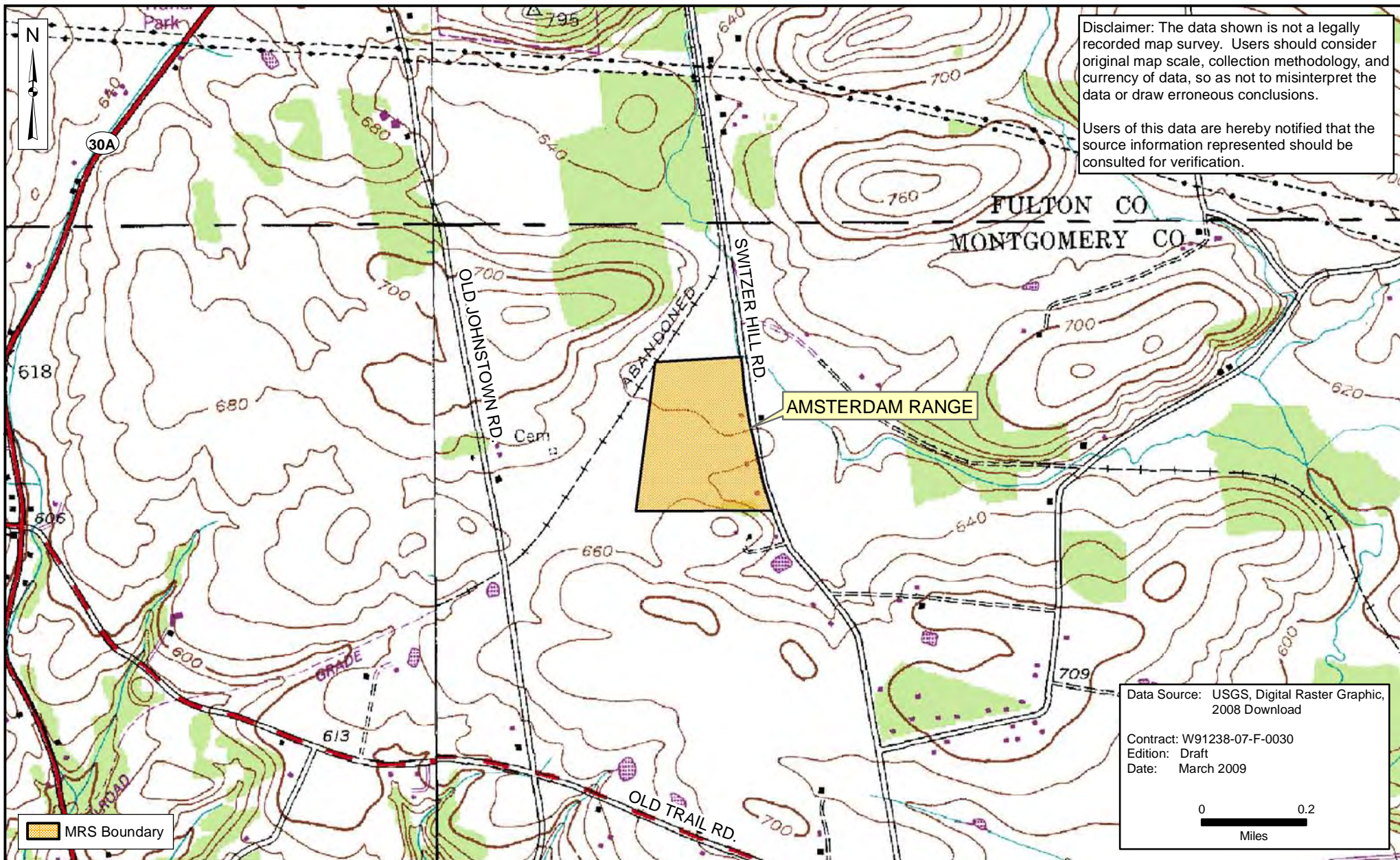
Table 3-9: Interviews		
Name	Title	Interview
Unknown, Unknown	Property Owner	The property owner indicated that he has owned the property for 10 years and does not know of a former rifle range on the property, nor has he found any evidence of a former rifle range. He also indicated that the area had not always been so swampy; however, a beaver had recently dammed the stream.



Photograph 1: View of the property at 472 Switzer Hill Road from the stream crossing at the road (16 October 2008)
Amsterdam Rifle Range (RRNY000001)



Photograph 2: View of the property from the tree line west of the grassy field (16 October 2008)
Amsterdam Rifle Range (RRNY000001)



National Guard Bureau
 Non-DoD Owned Non-Operational Defense Sites Inventory
 New York



Figure 3-1
Amsterdam Range (RRNY000001)

4.0 BINGHAMTON RIFLE RANGE (NEW)

4.1 Binghamton Rifle Range (new) Summary

4.1.1 Binghamton Rifle Range (new) Overview and Description

Two NYARNG small arms ranges have existed in or near Binghamton. The original range, built in 1877, was used until 1924 when the lease was canceled. The original range is discussed on the Ineligible Table in Appendix D under Binghamton Rifle Range (old). After the lease was canceled, the Binghamton Rifle Range was moved to Port Dickinson, a village just north of Binghamton.

The former Binghamton Rifle Range (new) is located on private property in the Village of Port Dickson, Broome County, NY. As shown on Figure ES-1, Port Dickinson is located in the south-central portion of New York, on the Pennsylvania border. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the area where the range was located is occupied by two businesses and a residential property. The commercial properties are owned by C&L Properties and Rocco J. Testani, Inc., a wholesale retailer of beer and ale. C&L leases their property to Erie Materials, a wholesale retailer of building supplies. No evidence of a former range was found during the site field visit.

4.1.2 Binghamton Rifle Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This site was identified by the NGB. Various documents describing this range, including Annual AG Reports and NYARNG correspondence were obtained during research at the National Archives. The site location was determined based on information obtained from the Village Historian, the Binghamton Rifle Club, and a historical map.

Since the property is privately owned, three ROEs sent to property owners; two of these were signed and submitted. An ROE was not obtained from the third owner. A field site visit to the former range was conducted on 3 December 2008. During the site visit, the NYARNG NDNODS team conducted both an on-site and street survey of the area of the suspected former range and no evidence of a former range was found. To document the results of the site visit, the NDNODS team took field notes and photographs and recorded coordinates of the site with a GPS unit. Refer to Section 4.5 for the photograph log.

4.1.3 Binghamton Rifle Range (new) Critical Data Sources

Critical data sources for the Binghamton Rifle Range (new) include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, a 1934 NYARNG memorandum (NY0042) that describes the type of ammunition fired on the range, and two maps, a 1925 city map and an 1876 historical map (NY0229) that show the approximate range location. Further information regarding the location of the range was obtained during an interview with the Village Historian and an interview with a member of the Binghamton Rifle Club.

4.2 Binghamton Rifle Range (new) MRS Data

Table 4-1 provides a brief summary of each MRS associated with Binghamton Rifle Range (new).

Table 4-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Binghamton Rifle Range (new)	RRNY000002	Transferred	Mixed	Commercial, Residential - Single Family	NA	14.40
					Total Acreage	14.40

4.2.1 Binghamton Rifle Range (new) Summary

The Binghamton Rifle Range (new) MRS had four targets with 200 to 1,000-yard firing lines and was located in Port Dickinson, a village just north of Binghamton. Reportedly, this MRS was located on the Phelps Farm on property leased from Hiram Rogers. The range, used by the 10th NYARNG Infantry and the 104th Field Artillery, as well as civilian clubs, was safe for the firing of .30-cal. M1 ammunition. The range was constructed sometime between 1924 and 1926. Funds to build it were requested by NYARNG in 1924; according to a 1926 NYARNG letter the range was currently active. It is unknown when use of the range was discontinued. It is listed as active in a 1955 Annual AG Report, which is the most recent Annual AG Report obtained during the archive search. Therefore, 1926 to 1955 were used as the start and end use dates.

A gun club, the Binghamton Rifle Club, is currently located at 579 Conklin Road, Binghamton NY. According to the history page on their website, “In the fall of 1916 the club obtained from Hiram M. Rogers, a long term lease for land above Port Dickinson as an outdoor range. Labor and many materials for range construction (Target butts/Carriers) were donated by members but out-of-pocket costs approached \$300.00...The National Guard, particularly the 4th Regiment was granted permission to use the range. Military practice and civilian training persisted during the war years...Records and memoirs provide sparse data from 1923 to the mid 1930s, but the Port Dickinson range survived and was in active use by several organizations into the 1940s.” The Binghamton Rifle Club moved to their current location in July 1950.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 4-1 includes the tax map boundaries for each parcel identified as potentially containing the former range. No evidence of the former range was observed during the 3 December 2008 site visit. Currently, the site is occupied by two commercial entities and one residential property. During the site visit Mike Giodani of Erie Materials indicated that a shed/warehouse was recently constructed on the northern portion of the property. During construction of the shed a significant amount of intrusive work, including re-grading activities, occurred; no evidence of the presence of a rifle range was found during construction activities. The site location is shown on Figure 4-1 and a photograph log is included in Section 4-5. All supporting documents and interview logs are provided in Appendix C of this report.

4.3 Binghamton Rifle Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Binghamton Rifle Range (new).

Table 4-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Binghamton Rifle Range (new)	Mr.	Blakeslee	Robert	Village Historian	Binghamton Historical Society
Phone	607-724-4165		Address	unknown	
DSN					
Fax					
Email	unknown			Binghamton, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Binghamton Rifle Range (new)	Mr.	Matwey	Pete	Member	Binghamton Rifle Club
Phone	607-722-1153		Address	Conklin Road	
DSN					
Fax					
Email	pmatwey@stny.rr.com			Binghamton, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Binghamton Rifle Range (new)	Mr.	Giordani	Mike	Employee	Erie Materials
Phone	800-272-3743		Address	33 Phelps Street	
DSN					
Fax					
Email	unknown			Binghamton, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Binghamton Rifle Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN					New York State Division of Military and Naval Affairs
Fax					330 Old Niskayuna Road
Email	peter.jensen1@us.army.mil			Latham, New York	

The Binghamton Rifle Range (new) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 4-3: MRS Table

NDNODS Name	MRS Name	Status	
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)	Transferred	
Range Description			
The Binghamton Rifle Range (new) (RRNY000002) was a small arms range used by the NYARNG from at least 1926 to 1955. This MRS, located in Port Dickinson, NY, is currently occupied by two businesses and a residential property. The site is bounded by a commercial business to the west, Phelps Street to the south, Rogers Mountain Way to the east, and undeveloped land to the north.			
MRS ID			
RRNY000002			
UTM Zone	UTM X	UTM Y	Construction Year
18	426757.83	4665507.35	1924
Topography	Vegetation	Soil Type	
Heavily Rolling	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Commercial	1956		
Residential - Single Family	1956		
Historic Uses	Start Year	End Year	
Small Arms	1926	1955	

UTM = Universal Transverse Mercator

The Binghamton Rifle Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 4-4: Munitions Table

NDNODS Name	MRS Name	
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1924	1955

The Binghamton Rifle Range (new) Ownership Table provides detailed information on MRS ownership.

Table 4-5: Ownership Table

NDNODS Name	MRS Name			
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Mixed	Currently, the area where the range was located is occupied by two businesses and a residential property. The commercial properties are owned by C&L Properties and Rocco J. Testani, Inc., a wholesale retailer of beer and ale. C&L leases their property to Erie Materials, a wholesale retailer of building supplies.	Transfer	1956	NA

The Binghamton Rifle Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 4-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)	NA	NA	There are no barriers preventing access to any part of this MRS. This site is currently occupied by two wholesale retailers and a residence.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Binghamton Rifle Range (new) Demographics Table provides information on MRS demographics.

Table 4-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)	City	Port Dickinson	New York	USA

The Binghamton Rifle Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 4-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Binghamton Rifle Range (new)	Binghamton Rifle Range (new)	According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
30	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

4.4 Binghamton Rifle Range (new) Notes

Another NYARNG small arms range, the Binghamton Rifle Range (old) was present in Binghamton from 1876 to 1924. After the Binghamton Rifle Range (old) was deemed a safety hazard, the Binghamton Rifle Range (new) was constructed. The location of the Binghamton Rifle Range (old) could not be spatially defined; therefore, site site is ineligible for this proram. A description of the Binghamton Rifle Range (old) is included on the Ineligible Table in Appendix D.

4.5 Binghamton Rifle Range (new) Interview and Photograph Logs

Table 4-9: Interviews		
Name	Title	Interview
Blakeslee, Robert	Village Historian	Robert Blakeslee, Village Historian of Binghamton was contacted to find out if he had any information regarding the location of the Binghamton Rifle Range. Mr. Blakeslee indicated that the range was located on Rogers Mountain Way in Port Dickinson (Note that Port Dickinson is a village just north of Binghamton). The Malcolm Pirnie team emailed Mr. Blakeslee a map and asked if he could circle the area where the range was located. Mr. Blakeslee circled the area and returned the map (included in NY0229). Mr. Blakeslee also indicated that virtually no remnants of the range are left. Mr. Blakeslee visited the area of the former range and he said that a lot of earth moving activities had occurred at the range location over the years due to the installation of a road and some houses. Mr. Blakeslee also indicated that pipe is currently being laid in the area for the Millennium Gas Line.
Matwey, Pete	Member	Pete Matwey, Binghamton Rifle Club Member, was contacted via email to find out if he had any information regarding the location of the Binghamton Rifle Range. Mr. Matwey indicated that a natural gas line (the Millennium Pipe Line) is currently being installed in the area where the range used to be. Mr. Matwey visited the area and he indicated that no remnants of the former range remained. He also indicated that the range was located off Phelps Street, approximately 50 yards above the Delaware and Hudson Rail Line. Malcolm Pirnie emailed Mr. Matwey a map and asked if he could circle the area where the range was located. Mr. Matwey responded with an email that indicated the range was located at the following location "On your Google map the area is right above the "St" in the Phelps St. name. The RR tracks run right under the "h" in Phelps. As you can see in the image, the area was all grown over. Now it is the home of the Millennium Pipeline." This map is included in NY0229.
Giordani, Mike	Employee	During the site visit the field team interviewed Mike Giordani, Erie Materials, to determine if he had ever seen any evidence of the former range. Note that Erie Materials leases the property from the owner, C&L Properties. According to Mr. Giordani, a shed/warehouse was recently constructed on the northern portion of the property. During construction of the shed a significant amount of intrusive work, including re-grading activities, occurred. Mr. Giordani indicated that he has never seen any evidence of a former range at this site and that no bullets were found during the intrusive work at the property.



Photograph 1: View southwest towards the gate of C & L Property on 33 Phelps Street
(3 December 2008)
Binghamton Rifle Range (new) (RRNY000002)

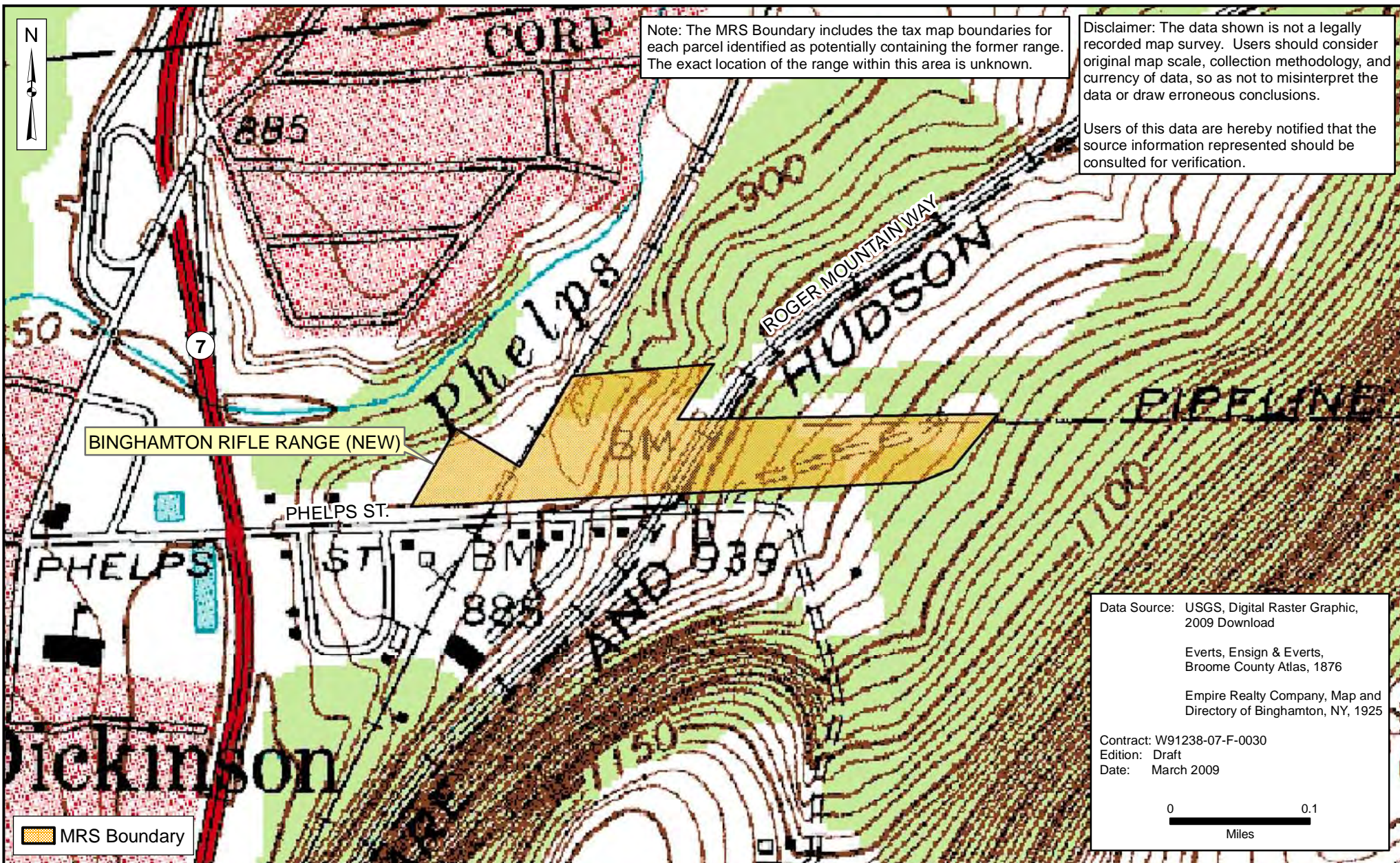


Photograph 2: View northeast into operation area of C & L Property on 33 Phelps Street
(3 December 2008)
Binghamton Rifle Range (new) (RRNY000002)



Photograph 3: View of northern portion of C & L Property recently reconstructed
(3 December 2008)
Binghamton Rifle Range (new) (RRNY000002)

)



National Guard Bureau
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 New York



Figure 4-1
Binghamton Rifle Range (new) (RRNY00002)

5.0 CAMP BLAUVELT

5.1 Camp Blauvelt Summary

5.1.1 Camp Blauvelt Overview and Description

The former Camp Blauvelt (also known as Camp Bluefields) is located in a state park owned by the Palisades Interstate Park Commission (PIPC) in Orangetown, NY. As shown on Figure ES-1, Orangetown is located in the southeastern corner of Rockland County, approximately 20 miles north of New York City (NYC). The only NDNODS eligible MRS identified at this site is a former small arms range. During the site field visit, numerous structures and features associated with the former range were observed.

5.1.2 Camp Blauvelt Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

The Camp Blauvelt MRS was first identified in government documents obtained from the National Archives. These documents, which included Annual AG Reports, identified a rifle range in Orangetown, known as Camp Blauvelt. The site location was obtained from a historical USGS map, while additional information regarding site usage was obtained from various websites.

A field site visit to the former range was conducted on 9 October 2008. During the site visit, the NYARNG NDNODS team walked the area of the range and numerous structures and features associated with the former range were observed. Refer to Figure 5-1 for the range location and features. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 5.5 for the photograph log.

5.1.3 Camp Blauvelt Critical Data Sources

Critical data sources for Camp Blauvelt include a 1910 Forest and Stream article (NY0108) that contains the range acreage, the Rockland Audubon website (NY0214), which contains background information, and a 1943 Nyack USGS quadrangle that shows the range location.

5.2 Camp Blauvelt MRS Data

Table 5-1 provides a brief summary of each MRS associated with Camp Blauvelt.

Table 5-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Camp Blauvelt	RRNY000003	Transferred	State	Recreational	NA	447.00
Total Acreage						447.00

5.2.1 Camp Blauvelt Summary

According to historical documents, Camp Blauvelt was a training camp used by the NYARNG from 1910 to 1913 and then again from an unknown date to 1925. The camp contained a small arms range that was used from 1910 to 1913. Although it is unknown if the range was used during training camps that occurred after 1913, it is unlikely. Therefore, 1910 to 1913 were used as the start and end use dates.

When the range opened on 3 October 1910, it had 200 and 300 yard ranges; by 1913 the range had 198 targets with firing lines from 200 to 1,000 yards. Underground tunnels were installed to connect the downrange targets to the firing lines and to connect one range to another. Due to numerous complaints from nearby residents about the safety of the range, it was closed in 1913. According to the residents, stray bullets from the range were landing on the Boulevard and Shady Side Avenue.

After Camp Blauvelt was closed, the land was given to the PIPC. The PIPC website indicates that Blauvelt Park is "Located on a former U.S. Army rifle range, the property was transferred to PIPC in 1913 after local residents raised safety concerns regarding the potentially hazardous use of the site. The Army temporarily reclaimed use of the site for its emergency needs in both World Wars. Since World War (WW)II, the park has been allowed to return to its natural state. Almost all signs of past human use have been erased. The plan is to let it pursue its quiet existence as a green buffer against the surrounding sprawl."

According to the Rockland County Audubon Society website, in 1918 the rifle range at Camp Blauvelt was turned over to the NY State Military Training Commission for use as a summer camp by the Reserve Officers Training Corp (ROTC). It is unknown how long ROTC used this camp. Reportedly, Camp Blauvelt was used by the U.S. Army as a prisoner of war (POW) camp during WWI and for training and as an air raid post during WWII. Although numerous sources indicate the camp was only used by the NYARNG from 1910 to 1913, a 1925 list of NYARNG training camps lists Camp Blauvelt as active.

Currently, the former range is located in Blauvelt State Park, a public park that consists of 590 acres of undeveloped forest with hiking trails. During the 9 October 2008 site field visit the following structures/features associated with the former rifle range (as shown in Figure 5-1) were observed:

- 1) A berm (approximately 200 feet long by 50 feet wide by 15 feet tall) with a small concrete monument (approximately 6 inches by 12 inches with two 1 inch diameter fittings) on top. The berm was oriented north to south and was likely used as an observation platform.
- 2) A large concrete bunker (approximately 50 feet long by 15 feet wide by 25 feet tall), which appeared to have been used for ammunition storage.
- 3) A series of partially underground concrete tunnels that ran east and west of the concrete bunker. According to historical documents, underground tunnels were installed to connect the downrange targets to the firing lines and to connect one range to another. The tunnels observed during the site visit were in varying states of repair; some had collapsed and others were only partially completed and appeared to have been under construction when activities at the camp ceased. Many of the tunnels extended above the ground surface, to a maximum height of 4 feet. Slotted openings, thought to be for ventilation, were visible on the sides of the tunnels.
- 4) Several earthen and concrete target berms, in a row, with steel mounts for target structures. Based on the orientation of the targets, it appeared that firing occurred from west to east. The direction of fire is further corroborated by features shown on a 1943 USGS Nyack Quadrangle.

The Surface Danger Zone (SDZ) applied and depicted on Figure 5-1 is based on a typical safety fan for a 1,000-yard known distance rifle range, in accordance with Army Training Manual (TM) 9-855 [TM 9-855, 1951]. The fan covers impacts of .22-, .30-, and .45-cal ammunition [TM 9-855, 1951]. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs north to south and crosses the firing direction approximately 5280 feet east of the target butts. The top of the ridge is elevated approximately 100 feet above the firing line, which is steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated at the ridge. Based on this SDZ, the MRS encompasses approximately 447 acres.

All supporting historical documents are provided in Appendix C of this report. The photograph log is included in Section 5.5.

5.3 Camp Blauvelt Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Camp Blauvelt.

Table 5-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Camp Blauvelt	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil		Latham, New York		

The Camp Blauvelt MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 5-3: MRS Table

NDNODS Name	MRS Name	Status	
Camp Blauvelt	Camp Blauvelt	Transferred	
Range Description			
Camp Blauvelt (also known as Camp Bluefields) (RRNY000003) was a small arms range. This MRS consists of 447 acres in a wooded area in Orangetown, NY and is bounded by the Hudson River to the east, Camp Bluefields Road to the north, Route 303 to the west, and a residential area on Marisco Court to the south. This MRS was a camp with a small arms range used by the NYARNG from 1910 to 1913. Although the camp was also used by the U.S. Army during WWI and WWII, it is not believed that the small arms range was reactivated.			
MRS ID			
RRNY000003			
UTM Zone	UTM X	UTM Y	Construction Year
18	589435.14	4547198.95	1910
Topography	Vegetation	Soil Type	
Gently Rolling	Forest	Silt/Silty-Clay	
Current Use	Start Year		
Recreational	1914		
Historic Uses	Start Year	End Year	
Training Area/Maneuver Area	1910	1913	

UTM = Universal Transverse Mercator

The Camp Blauvelt Munitions Table provides detailed information on the munitions used on this MRS.

Table 5-4: Munitions Table

NDNODS Name	MRS Name	
Camp Blauvelt	Camp Blauvelt	
Munitions Description	Start Year	End Year
Small Arms	1910	1913

The Camp Blauvelt Ownership Table provides detailed information on MRS ownership.

Table 5-5: Ownership Table

NDNODS Name	MRS Name			
Camp Blauvelt	Camp Blauvelt			
Ownership	Ownership Description	Type	Start Year	End Year
State	This MRS is owned by the PIPC and is currently Blauvelt Park. According to their website, the PIPC "is among the oldest and most successful public/private partnerships in the nation. A federally chartered bi-state system with jurisdiction over 21 state parks and eight historic sites, the Commission is comprised of five commissioners from New York and five commissioners from New Jersey..."	Transfer	1913	NA

The Camp Blauvelt Land Use Restrictions Table provides information on MRS land use restrictions.

Table 5-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Camp Blauvelt	Camp Blauvelt	NA	NA	There are no barriers preventing access to any part of this MRS. Currently, this site is located in a public state park that has numerous hiking trails through undeveloped forest.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Camp Blauvelt Demographics Table provides information on MRS demographics.

Table 5-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Camp Blauvelt	Camp Blauvelt	City	Orangetown	New York	USA

The Camp Blauvelt Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 5-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name		
Camp Blauvelt	Camp Blauvelt		
Special Status Species	Cultural Resources		
According to the Fish and Wildlife Service website, Blauvelt Park contains a NYS endangered mammal, the Allegheny woodrat (<i>Neotoma magister</i>). The habitat description for this species includes the location of the Camp Blauvelt MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
20	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

5.4 Camp Blauvelt Notes

There are no additional notes for Camp Blauvelt.

5.5 Camp Blauvelt Interview and Photograph Logs

Table 5-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



Photograph 1: Concrete monument at the top of a man-made earthen berm (9 October 2008)
Camp Blauvelt (RRNY000003)



Photograph 2: Man-made earthen berm approximately 200' by 50' by 10'
(9 October 2008)
Camp Blauvelt (RRNY000003)



Photograph 3: Old stone building and concrete foundation near a residence on Valenza Lane
(9 October 2008)
Camp Blauvelt (RRNY000003)



Photograph 4: Concrete dam near residence on Valenza Lane (9 October 2008)
Camp Blauvelt (RRNY000003)



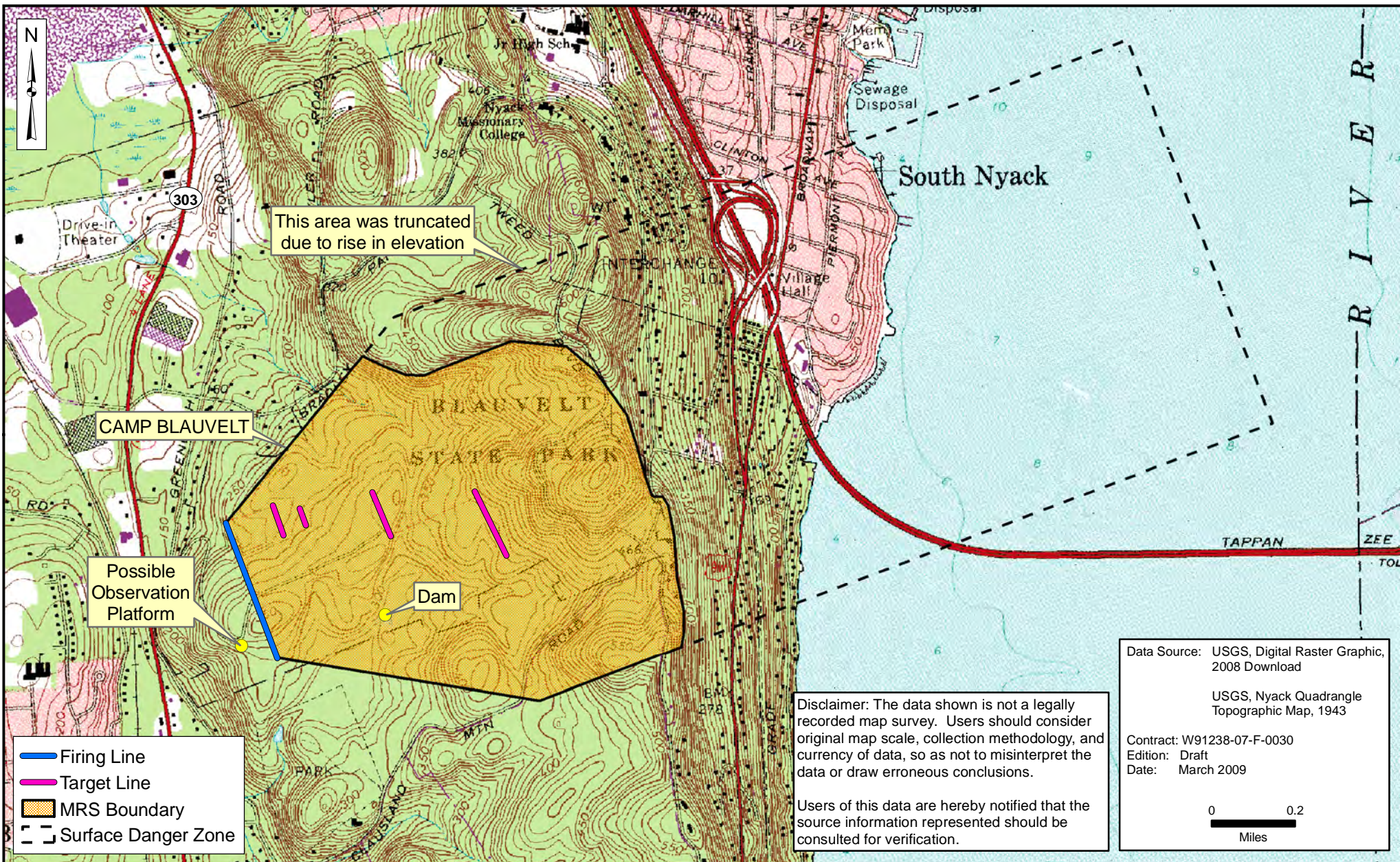
Photograph 5: Numerous 3' by 3' Concrete blocks found near a tunnel about 400' east of the bunker (9 October 2008)
Camp Blauvelt (RRNY000003)



Photograph 6: Concrete tunnel leading to concrete bunker (9 October 2008)
Camp Blauvelt (RRNY000003)



Photograph 7: Earthen and concrete target butts (9 October 2008)
Camp Blauvelt (RRNY000003)



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Figure 5-1
Camp Blauvelt (RRNY000003)



6.0 CAMP O'RYAN

6.1 Camp O'Ryan Summary

6.1.1 Camp O'Ryan Overview and Description

Camp O'Ryan is located on private property in Wethersfield, NY. As shown on Figure ES-1, the Town of Wethersfield is approximately 45 miles east-southeast of Buffalo, NY, in Wyoming County. The only NDNODS eligible MRS identified at this site is a former small arms range. The area where the range was located is primarily wooded and no evidence of a former range was observed from the roadway during the site field visit.

6.1.2 Camp O'Ryan Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was identified by the NGB. Various documents describing this range, including a real estate planning report and NYARNG correspondence, were obtained from the NYARNG JFHQ during the in-brief. The site location was obtained from a 1971 highway map, which shows Camp O'Ryan located between Wethersfield Road, Bumbacher Road, and Sodom Road.

At the request of the NYARNG POC, the property owner was not contacted. Therefore, the site visit was conducted from the road. A windshield survey field site visit was conducted on 13 October 2008. The property was mainly wooded; therefore, visual inspection from the road was limited (refer to Figure 6-1). No evidence of a former range was found during the site visit. During the site visit, the field team took field notes and photographs. Refer to Section 6.5 for the photograph log.

6.1.3 Camp O'Ryan Critical Data Sources

The critical data source for Camp O'Ryan is a 1987 Real Estate Planning Report, prepared by the DA (NY0186), that contains background and range usage information, a description of the range, and a range location map. An interview with the Wethersfield Tax Assessor's Office confirmed the site location.

6.2 Camp O'Ryan MRS Data

Table 6-1 provides a brief summary of each MRS associated with Camp O'Ryan.

Table 6-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Camp O'Ryan	RRNY000004	Transferred	Private	Undeveloped	NA	376.00
Total Acreage						376.00

6.2.1 Camp O'Ryan Summary

Camp O'Ryan (also known as the North Java Rifle Range, the Wethersfield Training Area and the Wethersfield Target Range and Maneuver Area) was located on 376 acres and was used by the NYARNG from 1949 to 1974 and then again from 1989 to 1994. From 1949 to 1974, training areas at the camp included a rifle range, a pistol range, and a tank driver training course and structures at the site included a range storage building, a field latrine, and a mess hall. The ranges, which were used by NYARNG units stationed in Batavia, Buffalo, Dunkirk, Jamestown, Medina, and Rochester, had 50 targets with 100 and 200 yard firing lines.

Camp O'Ryan was reactivated as a training area in 1989 and was used until 23 November 1994 when the lease was terminated. In a 1989 letter to the property owner, the NYARNG indicated that they planned on using the camp for infantry training maneuvers including the setup and use of bivouac areas and field fortifications, off-road driver training, and communication exercises. It is unknown if the ranges were also reactivated in 1989. According to a 1986 NYARNG letter, the existing ranges did not meet the requirements of AR 385-63 (Range Safety) for the following reasons: 1) The maximum range of the M-16 extended past the property boundary; 2) Due to the topography of the area, berms or baffles would be required before the area could be used as a firing range; and 3) The property would have to be fenced to prevent unauthorized access. The 1989 NYARNG letter to the property owner also indicated that in order for the ranges to be reactivated a safety analysis would need to be conducted and approved. No documentation was obtained during the data collection activities that confirmed that a safety analysis was ever conducted.

On 9 July 2007, the NYSDEC sent a letter to the property owner indicating that Camp O'Ryan had a history of contamination due to the range and from the possible on-site burial of wastes. The letter did not specify which range nor what types of wastes were allegedly buried. Therefore, NYSDEC was requesting access to the property in order to perform an inspection and conduct sampling. According to the NYARNG POC, as of the date of the in-brief (1 July 2008), the owner had not granted access to the NYSDEC. As of 19 November 2008, Camp O'Ryan was also not listed in NYSDEC's Environmental Site Remediation Database.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 6-1 is based on the Camp O'Ryan boundary shown in the Real Estate Planning Report. No evidence of the former ranges were observed during the 13 October 2008 site visit. It should be noted that the site visit was conducted from the road and visibility was limited since the majority of the site is wooded. An abandoned white building was visible from the road; its use is unknown. The site location is shown on Figure 6-1 and a photograph log is included in Section 6.5. All supporting documents and interview logs are provided in Appendix C of this report.

6.3 Camp O'Ryan Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Camp O'Ryan.

Table 6-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Camp O’Ryan	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Camp O’Ryan MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 6-3: MRS Table				
NDNODS Name	MRS Name	Status		
Camp O’Ryan	Camp O’Ryan	Transferred		
Range Description				
This MRS contained both a pistol and rifle range that was associated with a former NYARNG training camp known as Camp O’Ryan (RRNY000004). Camp O’Ryan was used by the NYARNG from 1949 to 1974 and again from 1989 to 1994. It appears the the small arms ranges were only active from 1949 to 1974. The majority of this MRS, which consists of 376 acres in Wethersfield, NY, is wooded. The site is bounded by Wethersfield Road to the north, Bumbacher Road to the west, and privately owned farmland to the south and east.				
MRS ID				
RRNY000004				
UTM Zone	UTM X	UTM Y	Construction Year	
17	722894.84	4728851.37	1949	
Topography	Vegetation	Soil Type		
Gently Rolling	Forest	Silt/Silty-Clay		
Current Use	Start Year			
Undeveloped	1994			
Historic Uses	Start Year	End Year		
Training Area/Maneuver Area	1949	1974		
Small Arms	1949	1974		

UTM = Universal Transverse Mercator

The Camp O’Ryan Munitions Table provides detailed information on the munitions used on this MRS.

Table 6-4: Munitions Table		
NDNODS Name	MRS Name	
Camp O’Ryan	Camp O’Ryan	
Munitions Description	Start Year	End Year
Small Arms	1949	1974

The Camp O’Ryan Ownership Table provides detailed information on MRS ownership.

Table 6-5: Ownership Table

NDNODS Name	MRS Name	Ownership	Ownership Description	Type	Start Year	End Year
Camp O'Ryan	Camp O'Ryan	Private	This MRS is privately-owned undeveloped property.	Transfer	1994	NA

The Camp O'Ryan Land Use Restrictions Table provides information on MRS land use restrictions.

Table 6-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Camp O'Ryan	Camp O'Ryan	NA	NA	There are no barriers preventing access to any part of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Camp O'Ryan Demographics Table provides information on MRS demographics.

Table 6-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Camp O'Ryan	Camp O'Ryan	City	Wethersfield	New York	USA

The Camp O'Ryan Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 6-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Camp O'Ryan	Camp O'Ryan	According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
15	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

6.4 Camp O'Ryan Notes

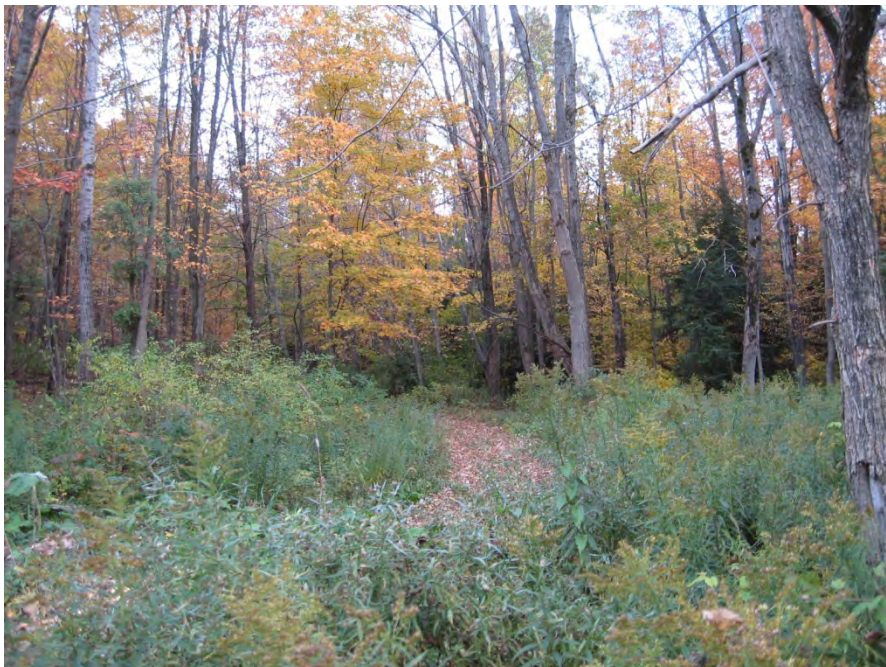
There are no additional notes for Camp O'Ryan.

6.5 Camp O'Ryan Interview and Photograph Logs

Table 6-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



Photograph 1: View south from Wethersfield Road, between Weber Road and Potter Road, showing abandoned building (13 October 2008)
Camp O'Ryan (RRNY000004)



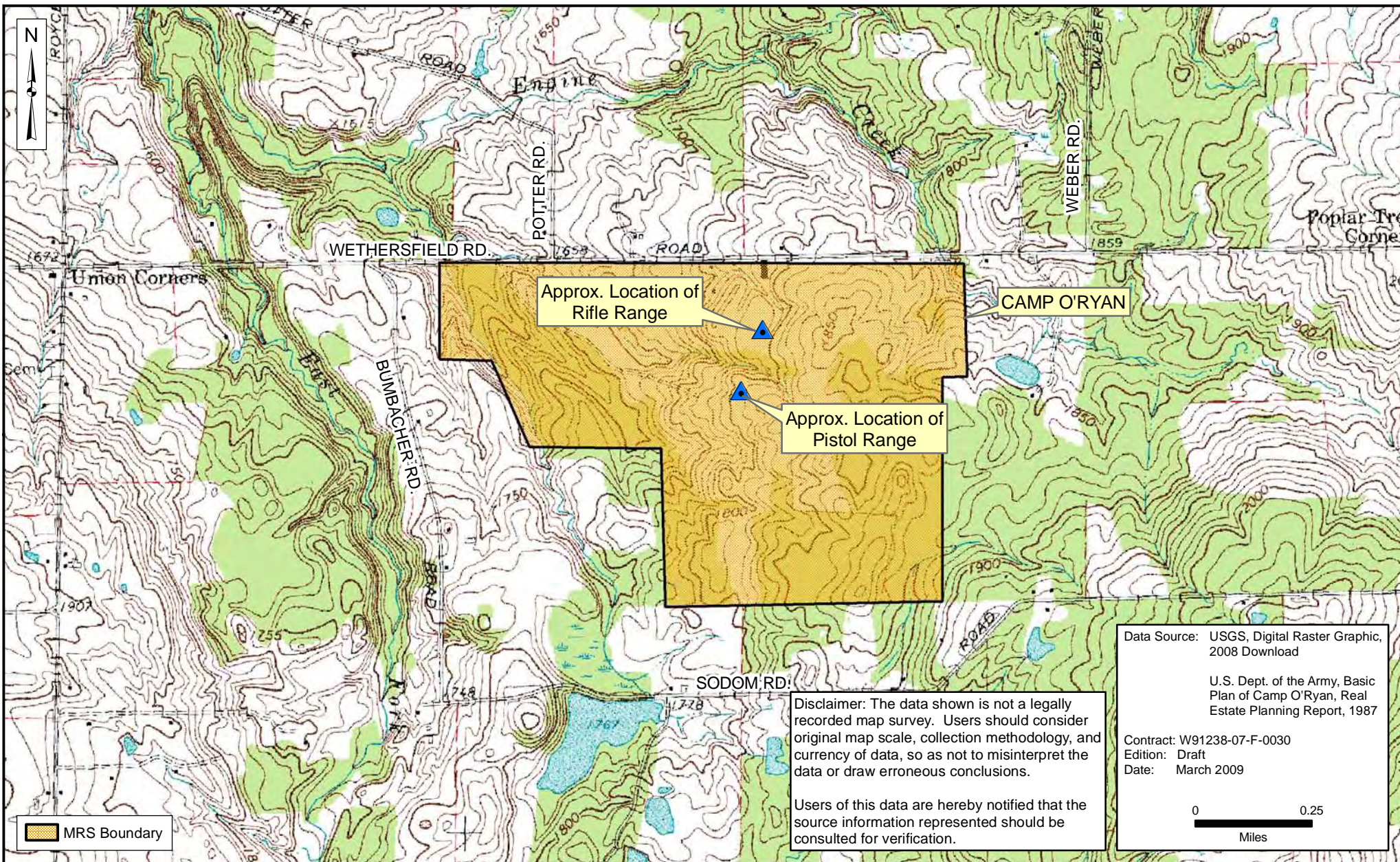
Photograph 2: View south towards trail leading into the woods from Wethersfield Road, near Potter Road (13 October 2008)
Camp O'Ryan (RRNY000004)



Photograph 3: View east from Bumbacher Road, looking toward location of
Camp O’Ryan beyond the tree line (13 October 2008)
Camp O’Ryan (RRNY000004)



Photograph 3: View north from Sodom Road, looking toward location
of Camp O’Ryan in the distance (13 October 2008)
Camp O’Ryan (RRNY000004)



Data Source: USGS, Digital Raster Graphic, 2008 Download

U.S. Dept. of the Army, Basic Plan of Camp O'Ryan, Real Estate Planning Report, 1987

Contract: W91238-07-F-0030
Edition: Draft
Date: March 2009

Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

MRS Boundary



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MALCOLM
PIRNIE



Figure 6-1
Camp O'Ryan (RRNY000004)

7.0 CREEDMOOR RIFLE RANGE

7.1 Creedmoor Rifle Range Summary

7.1.1 Creedmoor Rifle Range Overview and Description

The former Creedmoor Rifle Range is located on state-owned property in Queens Village, Queens County, NY. As shown on Figure ES-1, Queens, NY, one of NYC's five boroughs, is located on the western portion of Long Island. The only NDNODS eligible MRS identified at this site is a former small arms range. The area where the range was located is currently developed, and no evidence of a former range was found during the site field visit.

7.1.2 Creedmoor Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in newspaper and magazine articles obtained from the National Archives. The site location was obtained from information obtained from the Queens Historical Society and from information obtained during an internet search.

A site field visit to the former range was conducted on 10 October 2008. During the site visit, the NYARNG NDNODS team conducted a windshield survey of the area of the former range and no evidence of the former range was found. The area is currently developed with numerous buildings, parking lots, roadways, and a recreational area (refer to Figure 7-1). During the site visit, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 7.5 for the photograph log.

7.1.3 Creedmoor Rifle Range Critical Data Sources

Critical data sources for the Creedmoor Rifle Range include an 1877 Forest and Stream Journal article (NY0085) that contains a range description and range use information, an undated hand drawn sketch of the range location obtained from the Queens Historical Society (NY0222), and a Brooklyn Genealogy website that contains site location information. The site location was confirmed during an interview with personnel from the Creedmoor Psychiatric Facility.

7.2 Creedmoor Rifle Range MRS Data

Table 7-1 provides a brief summary of each MRS associated with Creedmoor Rifle Range.

Table 7-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Creedmoor Rifle Range	RRNY000005	Transferred	State	Medical/ Hospital, Recreational	Access Control - Fences, NA - NA	200.00
Total Acreage						200.00

7.2.1 Creedmoor Rifle Range Summary

Creedmoor Rifle Range was a small arms range, located on approximately 200 acres, which was used by the NYARNG from 1873 until 1907. From 1873 until 1875, Creedmoor was the only NYARNG range in NYS. This range had at least 26 targets with 200, 500, 800, 900, and 1,000-yard firing lines, and was used by over 8,000 guardsmen each year. Numerous rifle competitions were held at this site and from the 1870s to the 1890s, Creedmoor Rifle Range was host to the National Rifle Association's (NRA) title match. The range was closed in 1907 due to safety concerns from the nearby residents and the land was given to the Long Island State Hospital. In 1911, seven acres of this land were sold to the Long Island Motor Parkway; a portion of the Cross Island Parkway was built on this parcel. A state-operated psychiatric center, known as the Farm Colony of Brooklyn State Hospital, opened at the site in 1912. Throughout the years, additional buildings were erected on the property, which has since changed names and is currently known as the Creedmoor Psychiatric Center.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 7-1 is based on an undated hand drawn sketch of the range obtained from the Queens Historical Society. To the extent possible, site features on the hand drawn sketch were matched with current site features. No evidence of the former range was observed during the 10 October 2008 site visit. The site is developed with numerous buildings, parking lots, roadways, and a recreational area. The site location is shown on Figure 7-1 and a photograph log is included in Section 7.5. All supporting historical documents and interview logs are provided in Appendix C of this report.

7.3 Creedmoor Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Creedmoor Rifle Range.

Table 7-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Creedmoor Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	Joint Forces Headquarters – New York	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil		Latham, New York		
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Creedmoor Rifle Range	Creedmoor Psychiatric Center	Unknown	Unknown	Unknown	Creedmoor Psychiatric Center
Phone	Unknown		Address	Creedmoor Psychiatric Center	
DSN				79-25 Winchester Boulevard	
Fax					
Email	crpc_info@omh.state.ny.us		Queens Village, New York		

The Creedmoor Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 7-3: MRS Table

NDNODS Name	MRS Name	Status	
Creedmoor Rifle Range	Creedmoor Rifle Range	Transferred	
Range Description			
The 200-acre Creedmoor Rifle Range (RRNY000005) is located in a developed area of Queens Village, NY and is bounded by 242nd Street to the east, Cross Island Parkway and Grand Central Parkway to the north, Winchester Boulevard to the west, and Hillside Avenue to the south. This was a former small arms range used by the NYARNG from 1873 to 1907. Currently, the location of the former range is occupied by a NYS-operated psychiatric center as well as a NYS-owned recreational facility.			
MRS ID			
RRNY000005			
UTM Zone	UTM X	UTM Y	Construction Year
18	607164.76	4509745.29	1873
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Medical/ Hospital	1908		
Recreational	1908		
Historic Uses	Start Year	End Year	
Small Arms	1873	1907	

UTM = Universal Transverse Mercator

The Creedmoor Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 7-4: Munitions Table

NDNODS Name	MRS Name	
Creedmoor Rifle Range	Creedmoor Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1873	1907

The Creedmoor Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 7-5: Ownership Table

NDNODS Name	MRS Name			
Creedmoor Rifle Range	Creedmoor Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
State	Both the psychiatric hospital and recreational area are owned by NYS.	Transfer	1908	NA

The Creedmoor Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 7-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Creedmoor Rifle Range	Creedmoor Rifle Range				
		Fences	Access Control	A portion of this MRS is developed as a psychiatric hospital. The psychiatric hospital is fenced; however, the entrance does not have a gate.	LPA
		NA	NA	A portion of this MRS is developed as recreational area. This area is open to the public and contains ballfields and a jogging track.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Creedmoor Rifle Range Demographics Table provides information on MRS demographics.

Table 7-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Creedmoor Rifle Range	Creedmoor Rifle Range	City	Queens Village	New York	USA

The Creedmoor Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 7-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Creedmoor Rifle Range	Creedmoor Rifle Range		
		According to the NYSDEC Environmental Resource Mapper, this MRS contains a NYS endangered plant, the Pale Duckweed (<i>Lemna valdiviana</i>) and a NYS threatened plant, the Brown Bog Sedge (<i>Carex buxbaumii</i>).	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
20	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

7.4 Creedmoor Rifle Range Notes

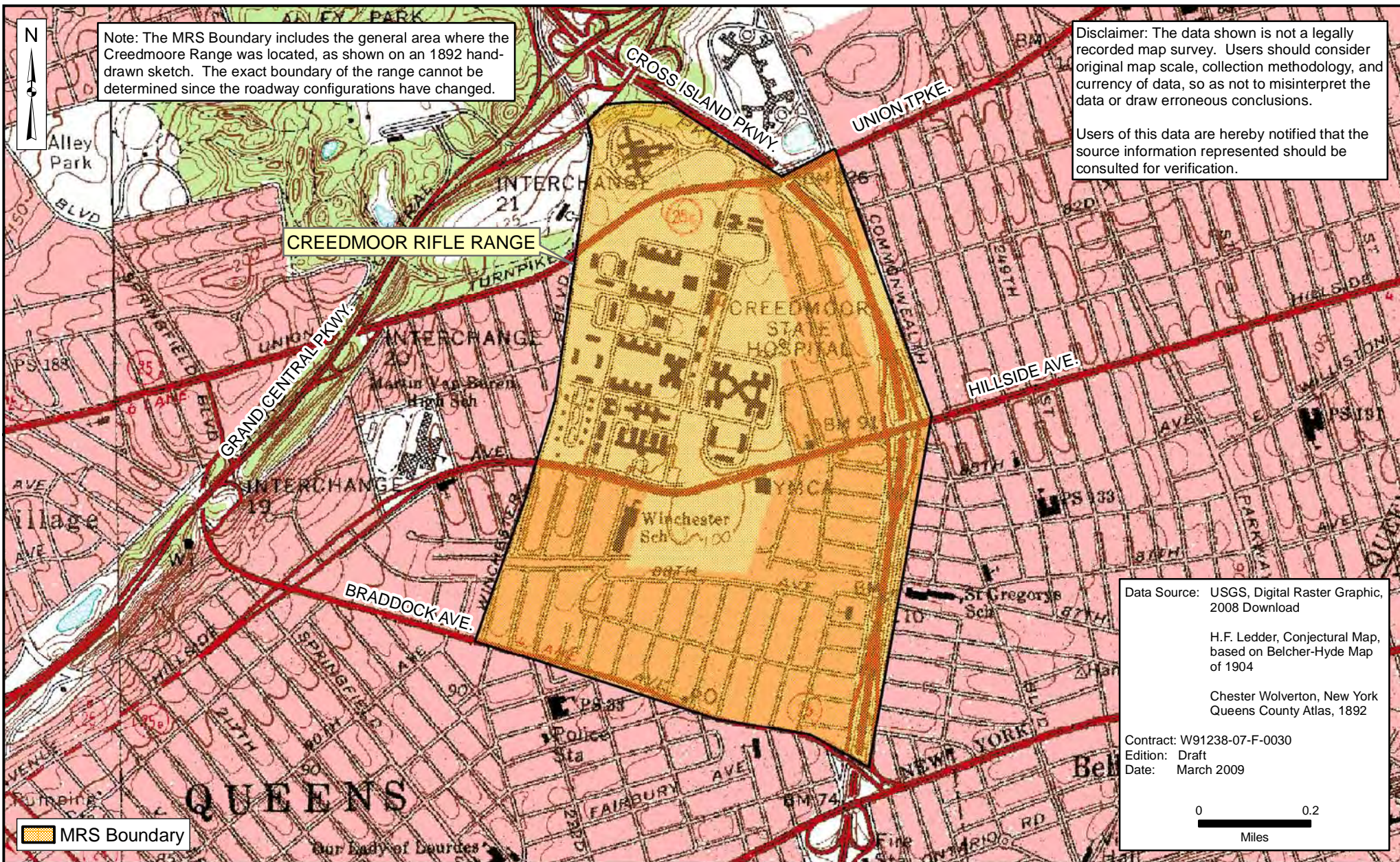
There are no additional notes for the Creedmoor Rifle Range.

7.5 Creedmoor Rifle Range Interview and Photograph Logs

Table 7-9: Interviews		
Name	Title	Interview
Unknown, Unknown	Creedmoor Psychiatric Center	<p>After calling the Creedmoor Psychiatric Center at (718) 264-4000 to obtain information regarding the range, we were instructed to send an email to crpc_info@omh.state.ny.us, with a request for information. A reply to our email contained the following information:</p> <p>"Currently, no evidence of the former range remains and the property has been nearly completely developed throughout the years. Although the exact coordinates of the range are unknown, it is known that it was located on land that was eventually developed by the State of New York for the Creedmoor Psychiatric Center. Currently, there are over 50 buildings present. In addition, a portion of the Cross Island Parkway was also built over parts of the range. One interesting note is that some of the local streets have names that are associated with the range."</p>



Photograph 1: View of Alley Recreational Facility facing west (10 October 2008)
Creedmoor Rifle Range (RRNY000005)



National Guard Bureau
 Non-DoD Owned Non-Operational Defense Sites Inventory
 New York

Figure 7-1
 Creedmoor Rifle Range (RRNY000005)



8.0 ELMIRA RIFLE RANGE

8.1 Elmira Rifle Range Summary

8.1.1 Elmira Rifle Range Overview and Description

The former Elmira Rifle Range is located in the Town of Horseheads, Chemung County, NY, on privately-owned property and property owned by NYS Electric and Gas (NYSEG). As shown on Figure ES-1, Horseheads, which is bordered by the City of Elmira to the south, is located in the southwest portion of NYS. The only NDNODS eligible MRS identified at this site is a former rifle range. During the site field visit no evidence of the former range was observed. Currently, the property is a corn farm.

8.1.2 Elmira Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was identified by the NGB. Various documents describing this range, including Annual AG Reports, NYARNG correspondence, and several lease agreements, identified a rifle range used by the NYARNG in Horseheads, NY. The site location, on Lake Road, was obtained from a historical map.

Since the property is privately owned, two ROEs were obtained: one was signed and submitted by NYSEG on 28 October 2008 and one was signed and submitted by the private owner on 6 November 2008. A field site visit to the former range was conducted on 3 December 2008. During the site visit, the NYARNG NDNODS team walked the area of the suspected former range and no evidence of a former range was found. Currently, the property where the range was located is a corn farm (refer to Figure 8-1). During the site visit, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 8.5 for the photograph log.

8.1.3 Elmira Rifle Range Critical Data Sources

Critical data sources for the Elmira Rifle Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, a 1944 letter from the NYARNG Assistant AG to the Chief of the NGB (NY0019) that describes requested repairs, an 1878 Forest and Stream article (NY0086) that gives the construction date, and a 1923 lease (NY0194), which give the approximate range location.

The range was originally leased from the U.S. Cut Flower Company; subsequent leases were with the Elmira Water Light & Railroad Company and then NYSEG. A 1904 Atlas Map (Chemung County Atlas, D.L. Miller & Company, NY0205) shows the location of property owned by the U.S. Cut Flower Company. After reviewing current tax maps it was determined that this property is located on Lake Road in Horseheads; one of the current owners of this property is NYSEG.

8.2 Elmira Rifle Range MRS Data

Table 8-1 provides a brief summary of each MRS associated with Elmira Rifle Range.

Table 8-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Elmira Rifle Range	RRNY000006	Transferred	Private	Agricultural w/o Housing	NA	132.00
					Total Acreage	132.00

8.2.1 Elmira Rifle Range Summary

The Elmira Rifle Range had seven targets with 200 to 1,000 yard firing lines and was located in Horseheads, NY. The range was used by the NYARNG Co. L 108th Infantry from approximately 1877 to 1952. Use of this range was discontinued sometime between 1952 and 1955. It is listed as active in a 1951 Annual AG Report, but is not listed in the next available report from 1955. A 19 December 1952 NYARNG memorandum also indicates that the range is still active; according to the memorandum, the Truxton LTA range was being built to consolidate training for troops in various cities including Elmira. Refer to the Ineligible Table in Appendix D for a discussion of Truxton LTA.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 8-1 includes the boundary of the lessor's property as shown on a 1904 map. The exact location of the range within the lessor's property is unknown. During the 3 December 2008 site walk, no evidence of the former range was found; however, a metal frame, which appeared to be remnants of a bridge across Newtown Creek was observed. The presence of a bridge on the range is corroborated by a 1944 letter from the NYARNG Assistant AG to the Chief of the NGB that requests monies to make repairs to a 30-foot bridge. Currently, the property is used as a corn farm. All supporting historical documents and interview logs are provided in Appendix C of this report. The photograph log is included in Section 8.5.

8.3 Elmira Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Elmira Rifle Range.

Table 8-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Elmira Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN					New York State Division of Military and Naval Affairs
Fax					330 Old Niskayuna Road
Email	peter.jensen1@us.army.mil			Latham, New York	

The Elmira Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 8-3: MRS Table

NDNODS Name	MRS Name	Status	
Elmira Rifle Range	Elmira Rifle Range	Transferred	
Range Description			
The Elmira Rifle Range (RRNY000006) was a small arms range used by the NYARNG from 1878 to 1952. This MRS, in Horseheads, NY, is located on privately-owned property used as a corn farm. The site is bounded by Newtown Creek to the west, and farmland to the north, south, and east. The specific range acreage is unknown; the entire property owned by the U.S. Cut Flower Company covers approximately 132 acres.			
MRS ID			
RRNY000006			
UTM Zone	UTM X	UTM Y	Construction Year
18	351193	4665905.06	1877
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Agricultural w/o Housing	1953		
Historic Uses	Start Year	End Year	
Small Arms	1877	1952	

UTM = Universal Transverse Mercator

The Elmira Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 8-4: Munitions Table

NDNODS Name	MRS Name	
Elmira Rifle Range	Elmira Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1877	1952

The Elmira Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 8-5: Ownership Table

NDNODS Name	MRS Name			
Elmira Rifle Range	Elmira Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This property is currently a privately-owned corn farm.	Transfer	1953	NA

The Elmira Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 8-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Elmira Rifle Range	Elmira Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any part of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Elmira Rifle Range Demographics Table provides information on MRS demographics.

Table 8-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Elmira Rifle Range	Elmira Rifle Range	City	Horseheads	New York	USA

The Elmira Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 8-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Elmira Rifle Range	Elmira Rifle Range		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
25	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

8.4 Elmira Rifle Range Notes

There are no additional notes for the Elmira Rifle Range.

8.5 Elmira Rifle Range Interview and Photograph Logs

Table 8-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



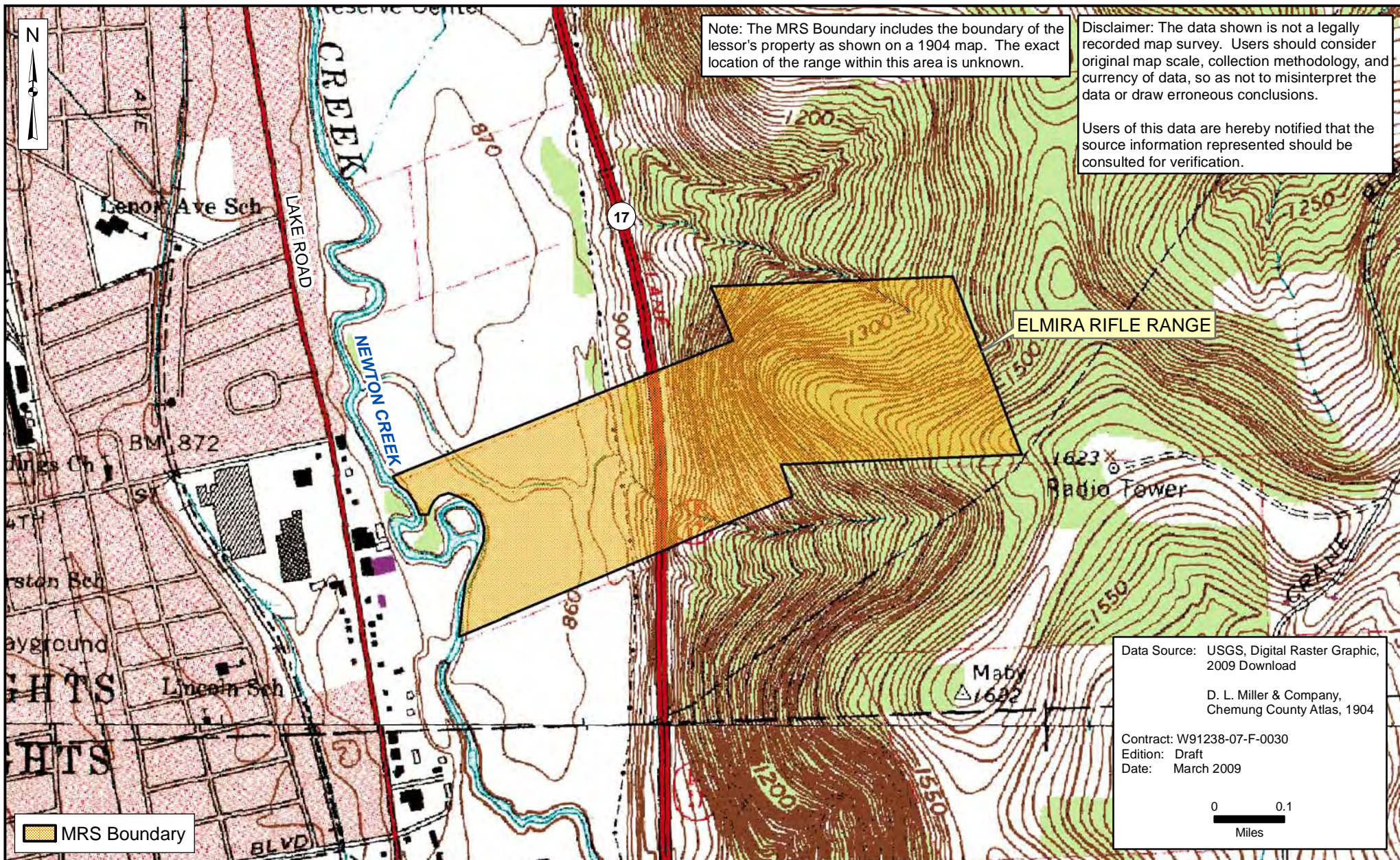
Photograph 1: An overview of the site, view east from Newton Creek
(3 December 2008)
Elmira Rifle Range (RRNY000006)



Photograph 2: View of Newton Creek facing south
(3 December 2008)
Elmira Rifle Range (RRNY000006)



Photograph 3: View north of eastern edge of corn field showing an unnamed creek that flows southwards (3 December 2008)
Elmira Rifle Range (RRNY000006)



Note: The MRS Boundary includes the boundary of the lessor's property as shown on a 1904 map. The exact location of the range within this area is unknown.

Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

ELMIRA RIFLE RANGE

Radio Tower

Maby
1623

MRS Boundary

Data Source: USGS, Digital Raster Graphic, 2009 Download
 D. L. Miller & Company, Chemung County Atlas, 1904
 Contract: W91238-07-F-0030
 Edition: Draft
 Date: March 2009

0 0.1
Miles



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Figure 8-1
 Elmira Rifle Range (RRNY000006)

9.0 GENESEO RANGE (NEW)

9.1 Geneseo Range (new) Summary

9.1.1 Geneseo Range (new) Overview and Description

Two NYARNG small arms ranges have been known in NYARNG documents as the Geneseo Range. The original range, built in 1926, was used until the late 1930s and is discussed in Section 10 under Geneseo Range (old). The range which replaced the original range is discussed in this section.

The former Geneseo Range (new) (also known as the Wadsworth Range) is located on private property in the Town of Geneseo, Livingston County, NY. As shown on Figure ES-1, Geneseo is located in northwestern NYS, near Conesus Lake, just west of the Finger Lakes region. The only NDNODS eligible MRS identified at this site is a former small arms range. The range was located in the eastern portion of Geneseo on property known as the Wadsworth Home Farm. The Wadsworth Home Farm, which covers approximately 1,925 acres, was bordered by the Genesee River to the north, west, and south, and by the Village of Geneseo to the east. The exact location of the range within the Wadsworth Home Farm is unknown. Currently, this area is occupied by farmland; the Geneseo United Methodist Church; the Geneseo Airport; Riverland, Limited Liability Company (LLC); Genesee Riverfront Properties, LLC; and Aerobicise, the Incredible Workout, Inc., a retail store.

9.1.2 Geneseo Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in a 1957 NYARNG General Order obtained from the National Archives. The approximate range location, off Genesee Street (Rt. 63) in Geneseo, NY, was determined based on information sent by David Parish, the local historian. It should be noted that Mr. Parish indicated that the former range was located on the Wadsworth Home Farm, west of the Geneseo United Methodist Church. After completing the site visit, a historical 1902 Geneseo map was located. According to this map, the Wadsworth Home Farm, which encompasses the Geneseo United Methodist Church property, stretched from the Genesee River on the north, west, and south to the Village of Geneseo to the east. A site visit was only performed for the church property.

Access for the site visit was obtained for the Geneseo United Methodist Church. An ROE was signed and submitted by a representative of the owner on 30 September 2008 and a field site visit to the former range was conducted on 2 December 2008. During the site visit no evidence of a former range was found (refer to Figure 9-1). During the site visit, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 9.5 for the photograph log.

9.1.3 Geneseo Range (new) Critical Data Sources

Critical data sources for the Geneseo Range (new) include a 1957 NYARNG General Order (NY0160), which documents the presence of the range, and a 1902 Livingston County Atlas Map (NY0239) that shows the former range location. Interviews were conducted by David Parish, of the Geneseo Historical Society, to determine the range location.

9.2 Geneseo Range (new) MRS Data

Table 9-1 provides a brief summary of each MRS associated with Geneseo Range (new).

Table 9-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Geneseo Range (new)	RRNY000007	Transferred	Mixed	Agricultural w/o Housing, Other, Airfield, Office Buildings	NA	1,925.00
					Total Acreage	1,925.00

9.2.1 Geneseo Range (new) Summary

The Geneseo Range (new) was a rifle range used by the NYARNG for an unknown period of time. The only available document that references use of this range is from 1957. According to this document, the Geneseo Rifle Range was being redesignated the Wadsworth Rifle Range in honor of Colonel William Perkins Wadsworth.

The exact boundary of the range is unknown and a site layout map is not available. According to historical documents, the range was located within an area formerly known as the Wadsworth Home Farm. The site boundary shown on Figure 9-1, which encompasses 1,925 acres, corresponds with the area designated as the Wadsworth Home Farm on a 1902 Livingston County Atlas Map.

According to David Parish, a historian from the Geneseo Historical Society, this range was located west of the Geneseo United Methodist Church, located at 4520 Genesee Street (State Rt. 63), on property that was formerly part of the Wadsworth Home Farm. Mr. Parish spoke to Bob Kelsey, whose father was a long-time armory superintendent. Mr. Kelsey told Mr. Parish that this range was commonly called the Wadsworth Range and it was part of the Wadsworth Home Farm near the Genesee River. A 1902 map of Geneseo shows the Wadsworth Home Farm, which encompasses the Geneseo United Methodist Church property, as being located between the Genesee River and the Village of Geneseo.

A site field visit was only conducted at the church property since the extent of the Wadsworth Home Farm was not known at the time of the visit. During the site visit, no evidence of the former range was observed. The church property contains a parking lot and building; a small playground area is located north of the parking lot. The remainder of the church property is covered with low brush and, near the river, forest. A large parcel to the west of the church is developed as the Geneseo Airport was built in 1969. The remainder of the site is used for agricultural purposes or is occupied by small businesses. The site location is shown on Figure 9-1 and a photograph log is included in Section 9.5. All supporting documents and interview logs are provided in Appendix C of this report.

9.3 Geneseo Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Geneseo Range (new).

Table 9-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Geneseo Range (new)	Mr.	Parish	David	Historian	The Village of Geneseo
Phone	585-243-1177		Address	119 Main Street	
DSN					
Fax	585-243-9190				
Email	geneseohistorydude@hotmail.com			Geneseo, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Geneseo Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Geneseo Range (new) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 9-3: MRS Table				
NDNODS Name	MRS Name		Status	
Geneseo Range (new)	Geneseo Range (new)		Transferred	
Range Description				
The Geneseo Range (new) (also known as the Wadsworth Range) (RRNY000007) was a small arms range used by the NYARNG during an unknown time period. The only available document which references use of this range is from 1957. This MRS is located in Geneseo, NY and is bounded by the Genesee River on the north, west, and south, and the Village of Geneseo to the east. Currently, this area is occupied by farmland; the Geneseo United Methodist Church; the Geneseo Airport; Riverland, LLC; Genesee Riverfront Properties, LLC; and Aerobicise, the Incredible Workout, Inc., a retail store.				
MRS ID				
RRNY000007				
UTM Zone	UTM X	UTM Y	Construction Year	
18	268051.77	4741718.05	1957	
Topography	Vegetation	Soil Type		
Flat	Barren or Low Grass	Silt/Silty-Clay		
Current Use	Start Year			
Agricultural w/o Housing	1958			
Other	1958			
Airfield	1958			
Office Buildings	1958			
Historic Uses	Start Year	End Year		
Small Arms	1957	1957		

UTM = Universal Transverse Mercator

The Geneseo Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 9-4: Munitions Table		
NDNODS Name	MRS Name	
Geneseo Range (new)	Geneseo Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1957	1957

The Geneseo Range (new) Ownership Table provides detailed information on MRS ownership.

Table 9-5: Ownership Table				
NDNODS Name	MRS Name			
Geneseo Range (new)	Geneseo Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Mixed	Currently, this area is occupied by farmland; the Geneseo United Methodist Church; the Geneseo Airport; Riverland, LLC; Genesee Riverfront Properties, LLC; and Aerobicise, the Incredible Workout, Inc., a retail store.	Transfer	1958	NA

The Geneseo Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 9-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Geneseo Range (new)	Geneseo Range (new)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS. Many of the properties within this MRS are businesses open to the public.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Geneseo Range (new) Demographics Table provides information on MRS demographics.

Table 9-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Geneseo Range (new)	Geneseo Range (new)	City	Geneseo	New York	USA

The Geneseo Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 9-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name		MRS Name	
Geneseo Range (new)		Geneseo Range (new)	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
15	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

9.4 Geneseo Range (new) Notes

It should be noted that another NYARNG Geneseo Range was in use prior to this range. The Geneseo Range (old) is discussed in Section 10 of this report.

9.5 Geneseo Range (new) Interview and Photograph Logs

Table 9-9: Interviews		
Name	Title	Interview
Parish, David	Historian	David Parish, a historian with the Village of Geneseo was contacted to obtain location information for the range. Mr. Parish responded with a letter that indicated "In the 1950's [and later] the Guard's range was to the west of the 1960s Methodist Church (Route 63, Geneseo). According to Bob Kelsey, whose father was a long-time armory superintendent, this was the commonly called Wadsworth Range. It would have been part of the Wadsworth Home Farm, facing off to the Genesee River."



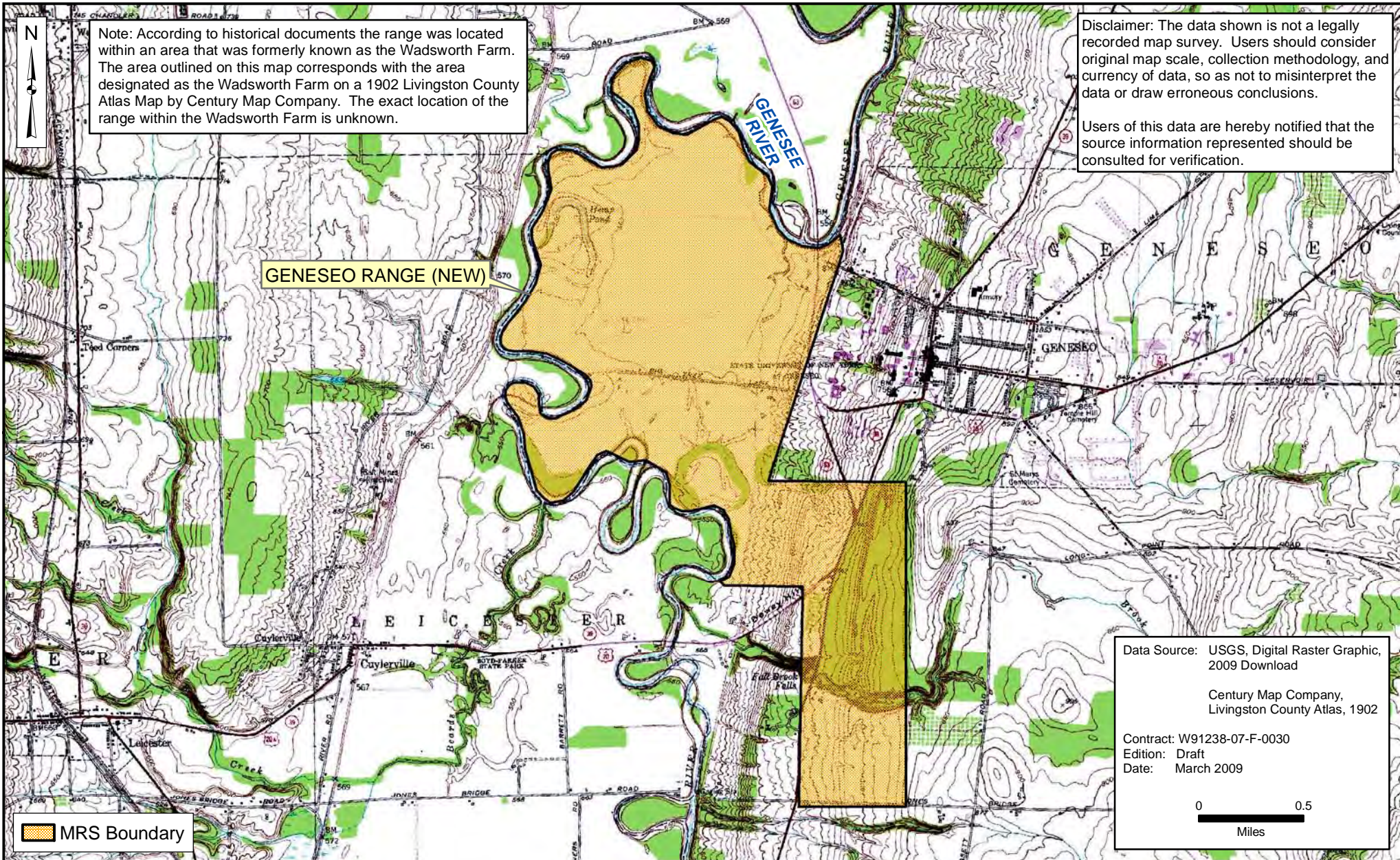
Photograph 1: View of property north northwest of church building, smoldering construction debris shown (2 December 2008)
Geneseo Range (aka Wadsworth Rifle Range) (RRNY000008)



Photograph 2: View of property located north-northwest of the church building. Shown are fresh tire tracks and abandoned farm equipment (2 December 2008)
Geneseo Range (aka Wadsworth Rifle Range) (RRNY000008)



Photograph 3: View north from the church parking lot (2 December 2008)
Geneseo Range (aka Wadsworth Rifle Range) (RRNY000008)



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Figure 9-1
 Geneseo Range (new) (RRNY000007)



10.0 GENESEO RANGE (OLD)

10.1 Geneseo Range (old) Summary

10.1.1 Geneseo Range (old) Overview and Description

Two NYARNG small arms ranges have been known in NYARNG documents as the Geneseo Range. The original range, which is described in this section, was built in 1926. The subsequent range was used for an unknown time period and is discussed in Section 9 under Geneseo Range (new).

The former Geneseo Range (old) is located on private property in Piffard, a Hamlet in the Town of York, NY. As shown on Figure ES-1, Piffard, which is located approximately three miles northwest of Geneseo, is located in Livingston County in the northwest portion of NYS. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the area where the MRS is located is occupied by the Abbey of the Genesee. The majority of the property is undeveloped and forested; the abbey buildings are located east of the forest.

10.1.2 Geneseo Range (old) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included Annual AG Reports, NYARNG correspondence, and a lease agreement, identified a rifle range used by the NYARNG in York, NY. The site location, 3258 River Road, was obtained from the local historian.

Since the property is privately owned, an ROE was signed and submitted by the owner's representative on 7 October 2008 and a field site visit to the former range was conducted on 2 December 2008. During the site visit, the NYARNG NDNODS team walked the area of the suspected former range, and no evidence of a former range was found. The majority of the property is undeveloped forest; several abbey buildings are located east of the forest (refer to Figure 10-1). During the site visit, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 10.5 for the photograph log.

10.1.3 Geneseo Range (old) Critical Data Sources

Critical data sources for the Geneseo Range (old) include NYARNG correspondence from 1926 to 1931 and a 1926 lease (NY0021), which contain background information and a description of the range. Critical data sources also include a letter from David Parish, the Geneseo Town Historian (NY0200), which gives the location of the range and the Abbey of the Genesee website.

10.2 Geneseo Range (old) MRS Data

Table 10-1 provides a brief summary of each MRS associated with Geneseo Range (old).

Table 10-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Geneseo Range (old)	RRNY000008	Transferred	Private	Other	NA	3.70
					Total Acreage	3.70

10.2.1 Geneseo Range (old) Summary

The Geneseo Range (old) was located on approximately 3.7 acres of land on the Valentine Farm, in Piffard, NY, approximately five miles from the NYARNG Troop M armory. According to the 1926 lease the range was located on a strip of land 80 feet wide and 2,000 feet long. This range, which had four targets with 200 to 1,000 yard firing lines, was used by the NYARNG Troop M 1st Calvary and was available for use by troops in Rochester. A 1934 NYARNG safety memorandum indicated this was a Class A range due to the presence of a 60-foot high natural backstop directly behind the targets, as well as 500 yards of woods in the direction of fire.

This range was used from 1926 to 1935. Only one lease, which runs from 1926 to 1931, is available for the range. It is believed that this is the first lease since this range is not included in a 1925 Annual AG list of NYARNG small arms ranges. It is unknown when use of this range was discontinued. Although it is listed as active in a 1935 Annual AG Report, but not in the next available AG Report from 1940, the local historian indicated the range was used until the early 1940s. For the purpose of this report, the year 1935 will be used as the end use date. It should be noted that another NYARNG Geneseo Range was built and used after use of this MRS was discontinued. The Geneseo Range (new) is discussed in Section 9.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 10-1 is based on the tax map boundary for the parcel identified as potentially containing the former range. The exact location of the range within this area is unknown.

Currently, the property where the MRS is located is occupied by the Abbey of the Genesee, an order of Cistercian Monks who operate a bakery and run a small bake shop at the site. According to the Abbey of the Genesee website, “On a height overlooking the eastern slope of the Genesee Valley, about a half mile from the abbey, is Nazareth House. A two story cobblestone house...was once the headquarters of the National Guard 101st Calvary Troop now located in Geneseo. Sections of the grounds along Salt Creek, where silent monks now walk were once used as a rifle range by the Troop.”

No evidence of the former range was observed during the 2 December 2008 site visit. A forested hill, which is likely the 60-foot high natural backstop referenced the NYARNG safety memorandum, was located approximately 250 yards west of the Abbey buildings. Several trails were cut into the hill and benches were placed at various locations along the trails. Based on the field observations, it appeared likely that the direction of fire would have been east to west. The site location is shown on Figure 10-1 and a photograph log is included in Section 10.5. All supporting documents and interview logs are provided in Appendix C of this report.

10.3 Geneseo Range (old) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Geneseo Range (old).

Table 10-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Geneseo Range (old)	Mr.	Parish	David	Historian	The Village of Geneseo
Phone	585-243-1177		Address	119 Main Street	
DSN					
Fax	585-243-9190				
Email	geneseohistorydude@hotmail.com			Geneseo, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Geneseo Range (old)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Geneseo Range (old) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 10-3: MRS Table			
NDNODS Name	MRS Name	Status	
Geneseo Range (old)	Geneseo Range (old)	Transferred	
Range Description			
The Geneseo Range (old) (RRNY000008) was a small arms range used by the NYARNG from 1926 to 1935. This range, which occupied approximately 3.7 acres in Piffard, NY, is currently privately owned land occupied by Abbey of the Genesee. The site is bounded by forests to the west, undeveloped land to the north and south, and River Road to the east.			
MRS ID			
RRNY000008			
UTM Zone	UTM X	UTM Y	Construction Year
18	265964.48	4747373.63	1926
Topography	Vegetation	Soil Type	
Flat with Gorges or Gullies	Forest	Silt/Silty-Clay	
Current Use	Start Year		
Other	1936		
Historic Uses	Start Year	End Year	
Small Arms	1926	1935	

UTM = Universal Transverse Mercator

The Geneseo Range (old) Munitions Table provides detailed information on the munitions used on this MRS.

Table 10-4: Munitions Table		
NDNODS Name	MRS Name	
Geneseo Range (old)	Geneseo Range (old)	
Munitions Description	Start Year	End Year
Small Arms	1926	1935

The Geneseo Range (old) Ownership Table provides detailed information on MRS ownership.

Table 10-5: Ownership Table				
NDNODS Name	MRS Name			
Geneseo Range (old)	Geneseo Range (old)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is located on property owned by the Abbey of the Genesee, an order of Cistercian Monks who operate a bakery and run a small bake shop at the site	Transfer	1936	NA

The Geneseo Range (old) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 10-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Geneseo Range (old)	Geneseo Range (old)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Geneseo Range (old) Demographics Table provides information on MRS demographics.

Table 10-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Geneseo Range (old)	Geneseo Range (old)	City	Piffard	New York	USA

The Geneseo Range (old) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 10-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Geneseo Range (old)	Geneseo Range (old)		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
15	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

10.4 Geneseo Range (old) Notes

Another NYARNG Geneseo Range was in use after use of this range was discontinued. The subsequent range is discussion in Section 9 under Geneseo Range (new).

10.5 Geneseo Range (old) Interview and Photograph Logs

Table 10-9: Interviews		
Name	Title	Interview
Parish, David	Historian	David Parish, a historian with the Village of Geneseo was contacted to obtain location information for the range. Mr. Parish responded with a letter that indicated "In the 1930's and very early 40's, the rifle range was on River Road, Town of York where the retired cavalry horses spent their days. This later became the Abbey of the Genesee."



Photograph 1: View west at the front of Abbey building (2 December 2008)
Geneseo Range (old) (RRNY000007)



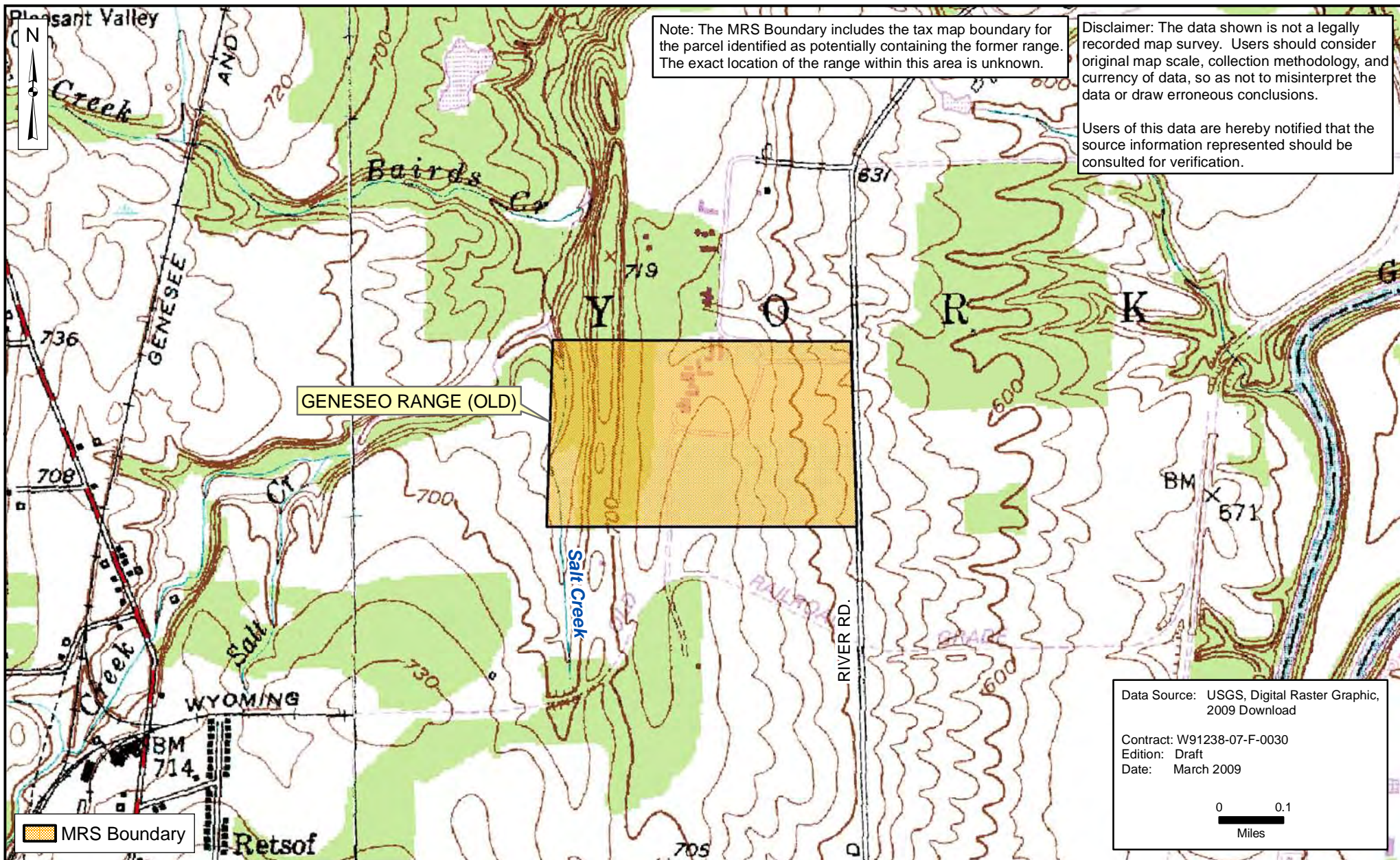
Photograph 2: View west at rear of Abbey toward hill (2 December 2008)
Geneseo Range (old) (RRNY000007)



Photograph 3: View north, showing section of trail running parallel to Salt Creek,
west of the Abbey (2 December 2008)
Geneseo Range (old) (RRNY000007)



Photograph 4: View north showing Salt Creek and rear of Abbey buildings
(2 December 2008)
Geneseo Range (old) (RRNY000007)



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Figure 10-1
Geneseo Range (old) (RRNY000008)

11.0 GENEVA RIFLE RANGE

11.1 Geneva Rifle Range Summary

11.1.1 Geneva Rifle Range Overview and Description

The former Geneva Rifle Range is located in Geneva, Ontario County, NY, on privately-owned property. As shown on Figure ES-1, Geneva is located in the west-central portion of NYS in the Finger Lakes Region. The only eligible MRS identified at this site is a former rifle range. During the field site visit structures/features associated with the range, including the target berm and backstop, were observed. Currently, the majority of this MRS is farmland, although a portion of the property is forested.

11.1.2 Geneva Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included Annual AG Reports, NYARNG correspondence, and a lease agreement, identified a rifle range used by the NYARNG in Geneva, NY. The site location, on County Road 4, was obtained from interviews with several local residents.

Since the property is privately owned, an ROE was signed and submitted by the owner on 28 October 2008, and a field site visit to the former range was conducted on 2 December 2008. During the site visit, the NYARNG NDNODS team walked the area of the range and structures associated with the former range were observed. Refer to Figure 11-1 for the range location and features. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 11.5 for the photograph log.

11.1.3 Geneva Rifle Range Critical Data Sources

Critical data sources for the Geneva Rifle Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, an 1890 Annual AG Report (NY0173) that gives the range construction date, and a 1924 lease (NY0030) that provides the general location of the range. The actual range location was obtained during interviews with several local residents/property owners in Geneva.

11.2 Geneva Rifle Range MRS Data

Table 11-1 provides a brief summary of each MRS associated with Geneva Rifle Range.

Table 11-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Geneva Rifle Range	RRNY000009	Transferred	Private	Agricultural w/ Housing	NA	939.00

Total Acreage

939.00

11.2.1 Geneva Rifle Range Summary

The Geneva Rifle Range was located on approximately nine acres in the center of a nursery farm. It was used by NYARNG Co. B, 108th Infantry and possibly NYARNG units in Rochester. As discussed below, the MRS, with the SDZ applied, is 939 acres in size. The range had three targets with 200 to 800 yard firing lines and in 1934 was rated Class B, which indicated that .30-cal M1906 ammunition could safely be fired on it. This range was constructed in 1890 and was used until at least 1951. In 1942, the NGB recommended that use of the range be discontinued since the range had only been used once in 1941. The NGB also recommended that all equipment from the Geneva Range be transferred to the Rochester (Calvary) Range and that the Geneva Unit should practice at the Rochester Range. However, it does not appear that the range was closed since it is listed as active in 1945 and 1949 through 1951 Annual AG Reports. It is not listed in the next available Annual AG Report from 1955.

According to historical documents, this range was located along the main highway that led from the City of Geneva to Seneca Castle. Based on the description in the lease the approximate location of the range was determined. Tax maps of the area indicate that currently one individual owns the majority of property in that area. This individual was contacted to determine if she knew the range location; she recommended we contact another local resident. The second resident indicated that the former range was located on County Road 4. Based on this information, the current property owner was determined. The current property owner was contacted and he indicated that he was aware of the former range. He mentioned that the target berms are located about 3,000 feet north of the road, in a wooded area and that firing used to occur over a creek that is present on the property.

During the 2 December 2008 site walk the following features associated with the former range were observed.

- Target Berm: The target berm, which was a concrete wall approximately nine inches thick and 40 feet long, is located north of County Road 4 in a wooded area. The wall had failed (it appeared that it had been mechanically pushed over), which prevented the height from being estimated. Two metal tripods that were likely part of a target pulley system were observed directly behind the target berm. Although historical documentation indicated that the range had three targets, it appeared that more may have been present. The exact number of targets could not be determined since the berm had collapsed.
- Backstop: An earthen backstop was found approximately 50 feet north of the target berm. The backstop appeared to have been man-made and was approximately 10 feet high and 80 feet long.
- Firing Line: No physical evidence of the firing line was found; however, based on the orientation of the target berm it appeared that firing occurred from south to north. Therefore, the firing line would currently be located on farmland. This estimated firing line location would also agree with the property owner's statement that firing occurred over a creek.

The SDZ applied and depicted on Figure 11-1 is based on a typical safety fan for a 800-yard known distance rifle range, in accordance with TM 9-855. The fan covers impacts of .22-, .30-, and .45-cal ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, the rise in elevation downrange of the targets is not sufficient to limit ammunition trajectory. Therefore, the full extent of the SDZ was applied, with the farthest extent approximately 12960 feet from the firing lines. Based on this SDZ, the MRS encompasses approximately 939 acres.

All supporting historical documents and interview logs are provided in Appendix C of this

report. The photograph log is included in Section 11.5.

11.3 Geneva Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Geneva Rifle Range.

Table 11-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Geneva Rifle Range		Individual	Private	Property Owner	
Phone	private		Address	private	
DSN					
Fax					
Email	private			Geneva, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Geneva Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil			Latham, New York	

The Geneva Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 11-3: MRS Table			
NDNODS Name	MRS Name	Status	
Geneva Rifle Range	Geneva Rifle Range	Transferred	
Range Description			
The Geneva Rifle Range (RRNY000009) was a small arms range used by the NYARNG from 1890 to at least 1951. The range was located on nine acres of land; the actual MRS acreage, including the SDZ, is 939. Currently, this MRS is located on privately-owned property. The majority of the site is used as farmland; however, a portion of the property is wooded. The site is bounded by farmland on all four sides.			
MRS ID			
RRNY000009			
UTM Zone	UTM X	UTM Y	Construction Year
18	331774.47	4752654.34	1890
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Agricultural w/ Housing	1952		
Historic Uses	Start Year	End Year	
Small Arms	1890	1951	

UTM = Universal Transverse Mercator

The Geneva Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 11-4: Munitions Table		
NDNODS Name	MRS Name	
Geneva Rifle Range	Geneva Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1890	1951

The Geneva Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 11-5: Ownership Table				
NDNODS Name	MRS Name			
Geneva Rifle Range	Geneva Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This property is currently privately-owned farmland.	Transfer	1952	NA

The Geneva Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 11-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Geneva Rifle Range	Geneva Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Geneva Rifle Range Demographics Table provides information on MRS demographics.

Table 11-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Geneva Rifle Range	Geneva Rifle Range	City	Geneva	New York	USA

The Geneva Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 11-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name		MRS Name	
Geneva Rifle Range		Geneva Rifle Range	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
5	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

11.4 Geneva Rifle Range Notes

There are no additional notes for the Geneva Rifle Range.

11.5 Geneva Rifle Range Interview and Photograph Logs

Table 11-9: Interviews		
Name	Title	Interview
Individual, Private	Property Owner	On the signed ROE the property owner indicated that the target berms were still present and were located approximately 3,000 feet north of County Road 4. He also mentioned that firing occurred across a creek on the property.



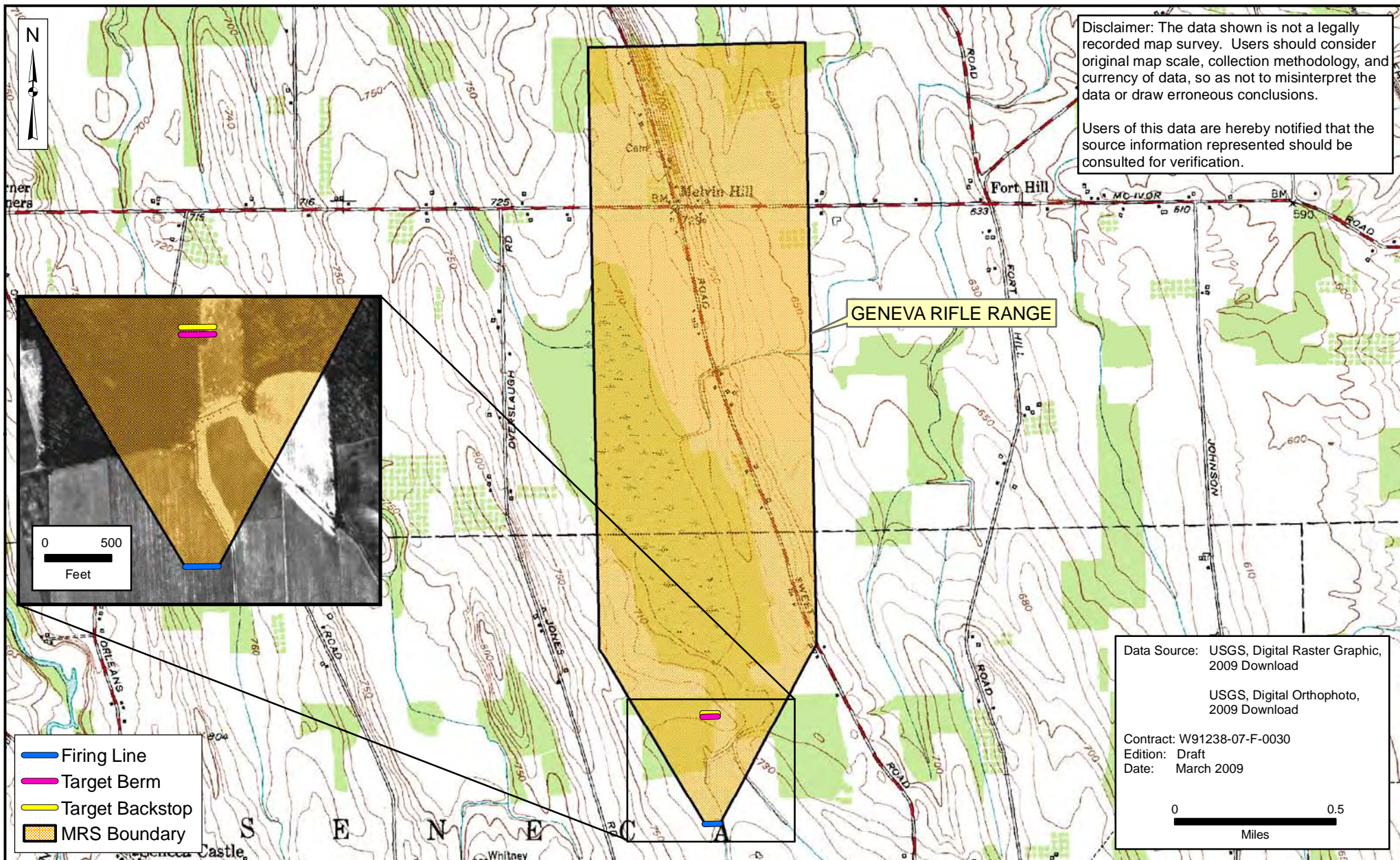
Photograph 1: Overview of the site, view north of Country Road 4
(2 December 2008)
Geneva Rifle Range (RRNY000009)



Photograph 2: Longitudinal view westward of target berm (2 December 2008)
Geneseo Rifle Range (RRNY000009)



Photograph 3: Longitudinal view eastward of backstop (2 December 2008)
Geneva Rifle Range (RRNY000009)



Data Source: USGS, Digital Raster Graphic, 2009 Download

USGS, Digital Orthophoto, 2009 Download

Contract: W91238-07-F-0030

Edition: Draft

Date: March 2009



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Figure 11-1
Geneva Rifle Range (RRNY000009)

12.0 GLENS FALLS RANGE

12.1 Glens Falls Range Summary

12.1.1 Glens Falls Range Overview and Description

The former Glens Falls Range is located in Glens Falls, NY on city-owned property, northwest of Halfway Reservoir. As shown on Figure ES-1, Glens Falls is located in east-central NY, approximately eight miles south of Lake George, NY. The only NDNODS eligible MRS identified at this site is a former rifle range. During the site field visit, the target butts associated with the former range were observed.

12.1.2 Glens Falls Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

The Glens Falls Range was first identified by the NGB. Background information regarding the range was obtained from documents found at the National Archives including government memoranda, AG Annual Reports, NYARNG leases, and Forest and Stream magazine articles. The site location was obtained from a historical USGS map (i.e., 1955 Glens Falls quadrangle).

An ROE for this site was not required, since the property is city-owned. A field site visit was conducted at the former range on 15 October 2008. During the site visit, the NYARNG NDNODS team walked the area of the range and structures associated with the former range were observed. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 12.5 for the photograph log.

12.1.3 Glens Falls Range Critical Data Sources

Critical data sources for the Glens Falls Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, a 1924 NYARNG memorandum (NY0031) that provides additional background information, and a 1955 Glens Falls USGS quadrangle that shows the range location. An interview with the Glens Falls Water and Sewer Department confirmed the site location.

12.2 Glens Falls Range MRS Data

Table 12-1 provides a brief summary of each MRS associated with Glens Falls Range.

Table 12-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Glens Falls Range	RRNY000010	Transferred	Private, Local Government	Undeveloped, Residential - Single Family	NA	876.00
					Total Acreage	876.00

12.2.1 Glens Falls Range Summary

According to historical documents, the Glens Falls Range MRS was used by the NYARNG Co. K 105th Infantry from 1878 to 1955. From the 1920s to an unknown date, this range was also used by civilian rifle clubs. It is unknown when use of this range was discontinued; however, this range is listed as active in a 1955 Annual AG Report. It should be noted that during research activities, no Annual AG Reports were available after 1955. This range, which was located on property that was, and still is, part of the watershed for Glens Falls, had four targets with 200 to 1,000 yard firing lines. According to a 1955 USGS Glens Falls quadrangle, the range was located off of West Mountain Road, in between Dixon Road and Sherman Avenue, at the western end of Halfway Reservoir.

Currently, this former range is located in a wooded area that has numerous hiking trails cut through it. During the 15 October 2008 site walk, concrete target butts that had been filled with soil, were observed. The butts were oriented so the direction of fire would be from west to east. It appeared that the targets had been raised and lowered on a pulley system. At the time of the site visit the target butts had been made into forts using sticks and a tarp. Four iron I-beams, rising vertically approximately four feet above the ground surface, were observed near the butts; it is unknown if these beams are related to the former range. Due to heavy vegetation, the firing line could not be located. During the site visit, the local high school cross country team was observed practicing on the trails in the woods.

The SDZ applied and depicted on Figure 12-1 is based on a typical safety fan for a 1,000-yard known distance rifle range, in accordance with TM 9-855. The fan covers impacts of .22-, .30-, and .45-cal ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, the rise in elevation downrange of the targets is not sufficient to limit ammunition trajectory. Therefore, the full extent of the SDZ was applied, with the farthest extent approximately 12000 feet from the firing line. Based on this SDZ, the MRS encompasses approximately 876 acres.

All supporting historical documents and interview logs are provided in Appendix C of this report. The photograph log is included in Section 12.5.

12.3 Glens Falls Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Glens Falls Range.

Table 12-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Glens Falls Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Glens Falls Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 12-3: MRS Table

NDNODS Name	MRS Name	Status	
Glens Falls Range	Glens Falls Range	Transferred	
Range Description			
The Glens Falls Range (RRNY000010) consists of 876 acres in Glens Falls, NY. It is located in a heavily wooded area between Dixon Road and Sherman Avenue, at the western end of Halfway Reservoir. This was a former small arms range used by the Co. K 105th Infantry and civilian rifle clubs from 1878 to 1955.			
MRS ID			
RRNY000010			
UTM Zone	UTM X	UTM Y	Construction Year
18	606788.03	4797343.39	1878
Topography	Vegetation	Soil Type	
Flat	Forest	Silt/Silty-Clay	
Current Use	Start Year		
Undeveloped	1956		
Residential - Single Family	1956		
Historic Uses	Start Year	End Year	
Small Arms	1878	1955	

UTM = Universal Transverse Mercator

The Glens Falls Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 12-4: Munitions Table

NDNODS Name	MRS Name	
Glens Falls Range	Glens Falls Range	
Munitions Description	Start Year	End Year
Small Arms	1878	1955

The Glens Falls Range Ownership Table provides detailed information on MRS ownership.

Table 12-5: Ownership Table

NDNODS Name	MRS Name			
Glens Falls Range	Glens Falls Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	A portion of this MRS is privately-owned residential property.	Transfer	1955	NA
Local Government	A portion of this MRS is owned by the City of Glens Falls.	Transfer	1955	NA

The Glens Falls Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 12-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Glens Falls Range	Glens Falls Range	NA	NA	There are no barriers preventing access to any part of this site. Actively used hiking trails are present on this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Glens Falls Range Demographics Table provides information on MRS demographics.

Table 12-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Glens Falls Range	Glens Falls Range	City	Glens Falls	New York	USA

The Glens Falls Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 12-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Glens Falls Range	Glens Falls Range	According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
20	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

12.4 Glens Falls Range Notes

There are no additional notes for the Glens Falls Rifle Range.

12.5 Glens Falls Range Interview and Photograph Logs

Table 12-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



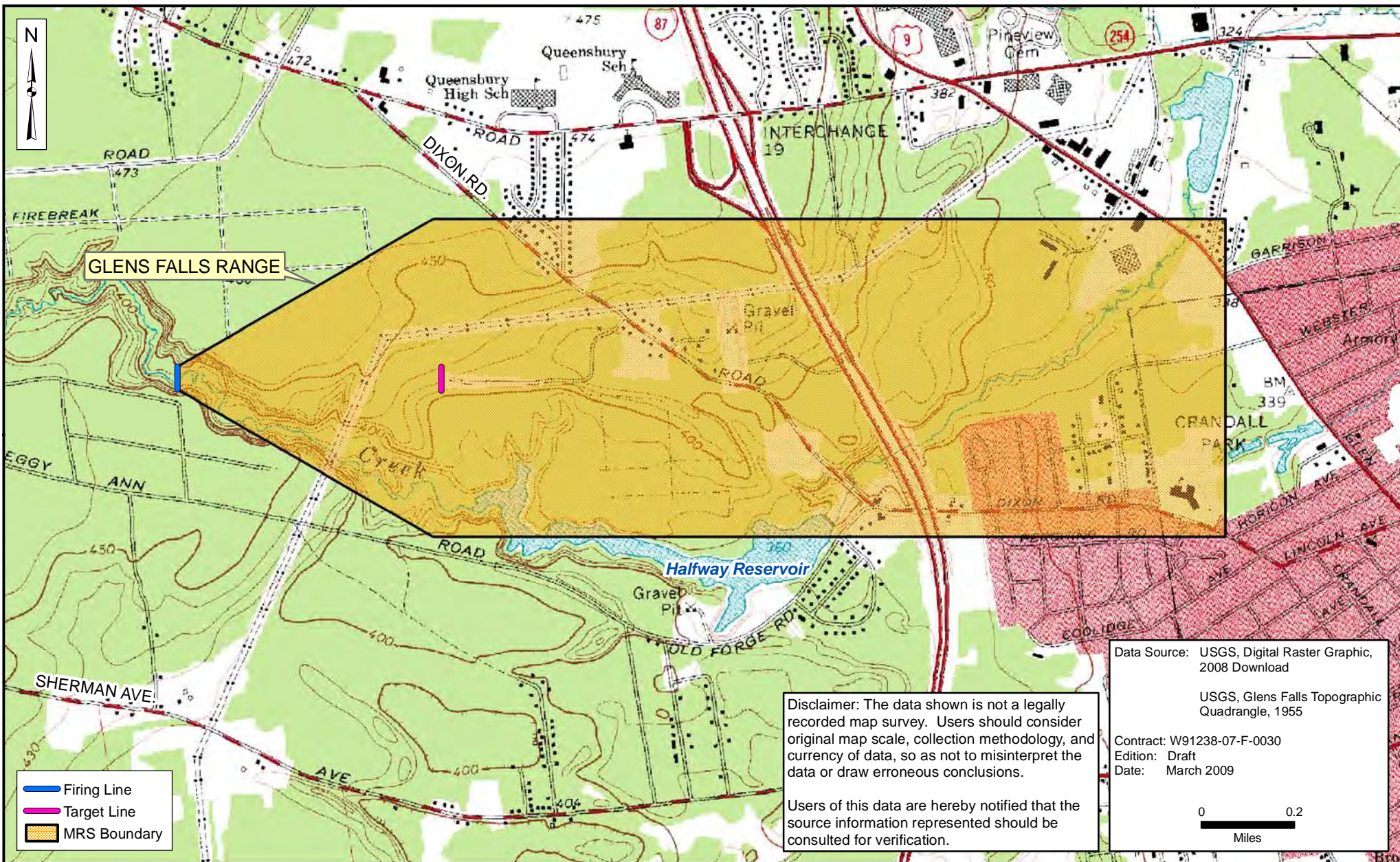
Photograph 1: Concrete target butt (15 October 2008)
Glens Falls Rifle Range (RRNY000010)



Photograph 2: I-beams sticking out of ground near target butts (15 October 2008)
Glens Falls Rifle Range (RRNY000010)



Photograph 3: Typical path near the former rifle range (15 October 2008)
Glens Falls Rifle Range (RRNY000010)



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Figure 12-1
Glens Falls Range (RRNY00010)

13.0 HOOSICK FALLS RANGE (NEW)

13.1 Hoosick Falls Range (new) Summary

13.1.1 Hoosick Falls Range (new) Overview and Description

Two NYARNG small arms ranges have been located in Hoosick Falls, NY. The original range, built in 1905, was used until 1933 when the lease expired. The original range is discussed in Section 14 under Hoosick Falls Range (old).

The subsequent Hoosick Falls Range (new), discussed in this section, is located on private property, used as a farm, just south of 621 Clay Hill Road in Hoosick Falls, NY. As shown in Figure ES-1, Hoosick Falls is located in the northeastern corner of Rensselaer County, approximately 30 miles northeast of Albany, NY. The only NDNODS eligible MRS identified at this site is a former rifle range. During the site field visit, the target butt associated with the former range was observed.

13.1.2 Hoosick Falls Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

The Hoosick Falls Range (new) was first identified by the NGB. Background information for the range was obtained from documents found at the National Archives including government memoranda, AG Annual Reports, and NYARNG leases. The site location was obtained from an interview with a historian at the local historical society.

A field site visit was conducted at the former range on 16 October 2008. The property owner had not returned the signed ROE; therefore, the field team was prepared to conduct the site visit from the road. However, the property owner was present when the field team arrived and he granted verbal access to the property. During the site visit, the NYARNG NDNODS team walked the area of the range and structures associated with the former range were observed. Refer to Figure 13-1 for the range location and features. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 13.5 for the photograph log.

13.1.3 Hoosick Falls Range (new) Critical Data Sources

Critical data sources for the Hoosick Falls Range (new) include a 1933 article in the New York National Guardsmen (NY0136) that contains a description of the range and a 1934 letter to the Headquarters Company First Battalion (NY0136) that includes information on range usage. The range location was obtained during an interview with a historian from the Hoosick Falls Historical Society.

13.2 Hoosick Falls Range (new) MRS Data

Table 13-1 provides a brief summary of each MRS associated with Hoosick Falls Range (new).

Table 13-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Hoosick Falls Range (new)	RRNY000011	Transferred	Private	Agricultural w/ Housing	NA	23.00
					Total Acreage	23.00

13.2.1 Hoosick Falls Range (new) Summary

According to historical documents, the Hoosick Falls Range (new) was used by the NYARNG 1st Battalion Headquarters Co. 105th Infantry from 1933 to 1955. It is unknown when use of this range was discontinued; however, this range is listed as active in a 1955 Annual AG Report. During research activities no AG Reports after 1955 were available. It should be noted that a range was present in Hoosick Falls at another location prior to 1933. Due to access difficulties, the range was moved to this location in 1933. The previous Hoosick Falls Range is discussed in Section 14 (Hoosick Falls Range (old)).

The Hoosick Falls Range (new) was a Class "A" range built for use with .30-cal 30 M1 ammunition. The range, which had four targets with 200 and 300 yard firing lines, was located in a valley protected by ridges on three sides. The direction of fire was northwest to southeast toward a ridge, composed of soft loam, that was 200 feet higher than the targets.

Currently, the former range is located on privately owned farmland consisting of a pasture and an adjacent wooded area. The property owner indicated that he was aware of the range and during an unknown time period he allowed people to use it. Currently, the range is not being utilized. During the 16 October 2008 site field visit a concrete target butt, with four target raising mechanisms, was observed in the pasture near the tree line of the adjacent woods. It appeared that the target butt was oriented so that the direction of fire was northwest to southeast. A small concrete reservoir, behind a concrete wall, was found behind the targets. It is unknown if these structures were associated with the range. The firing line could not be located during the site visit due to heavy vegetation.

The SDZ applied and depicted on Figure 13-1 is based on a typical safety fan for a 300-yard known distance rifle range, in accordance with TM 9-855, 1951. The fan covers impacts of .22-, .30-, and .45-cal ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs west to east and crosses the firing direction south of the target butts. The top of the ridge is elevated approximately 100 feet above the firing line, which is steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated at the ridge, which is approximately 1660 feet south east from the firing line. Based on this SDZ, the MRS encompasses approximately 23 acres.

All supporting historical documents and interview logs are provided in Appendix C of this report. The photograph log is included in Section 13.5.

13.3 Hoosick Falls Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Hoosick Falls Range (new).

Table 13-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Hoosick Falls Range (new)	Mr.	Filkins	Charles	Historian	Hoosick Township Historical Society
Phone	518-686-4682		Address	166 Main Street	
DSN	PO Box 536				
Fax					
Email	Hoosick Falls, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Hoosick Falls Range (new)		Private	Private	Property Owner	Hoosick Falls Range (new) property owner
Phone	Unknown		Address	Clay Hill Road	
DSN					
Fax					
Email	Hoosick Falls, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Hoosick Falls Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Hoosick Falls Range (new) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 13-3: MRS Table				
NDNODS Name	MRS Name		Status	
Hoosick Falls Range (new)	Hoosick Falls Range (new)		Transferred	
Range Description				
The Hoosick Falls Range (new) (RRNY000011) is a former small arms range that consists of 23 acres in Hoosick Falls, NY, is currently located on farmland. The range is bounded by pastures to the north and woods to the south, west and east. The Hoosick Falls Range (new) was used by the 1st Battalion Headquarters Co. 105th Infantry from 1933 to 1955.				
MRS ID				
RRNY000011				
UTM Zone	UTM X	UTM Y	Construction Year	
18	632619.99	4751673.46	1933	
Topography	Vegetation	Soil Type		
Gently Rolling	Barren or Low Grass	Silt/Silty-Clay		
Current Use	Start Year			
Agricultural w/ Housing	1956			
Historic Uses	Start Year	End Year		
Small Arms	1933	1955		

UTM = Universal Transverse Mercator

The Hoosick Falls Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 13-4: Munitions Table		
NDNODS Name	MRS Name	
Hoosick Falls Range (new)	Hoosick Falls Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1933	1955

The Hoosick Falls Range (new) Ownership Table provides detailed information on MRS ownership.

Table 13-5: Ownership Table				
NDNODS Name	MRS Name			
Hoosick Falls Range (new)	Hoosick Falls Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This property is currently privately-owned farmland.	Transfer	1956	NA

The Hoosick Falls Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 13-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Hoosick Falls Range (new)	Hoosick Falls Range (new)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any part of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Hoosick Falls Range (new) Demographics Table provides information on MRS demographics.

Table 13-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Hoosick Falls Range (new)	Hoosick Falls Range (new)	City	Hoosick Falls	New York	USA

The Hoosick Falls Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 13-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name		MRS Name	
Hoosick Falls Range (new)		Hoosick Falls Range (new)	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
25	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

13.4 Hoosick Falls Range (new) Notes

Two NYARNG small arms ranges have been located in Hoosick Falls, NY. The original range, built in 1905, was used until 1933 when the lease expired. The original range is discussed in Section 14 under Hoosick Falls Range (old).

13.5 Hoosick Falls Range (new) Interview and Photograph Logs

Table 13-9: Interviews		
Name	Title	Interview
Filkins, Charles	Historian	Charles Filkins, a historian with the Hoosick Township Historical Society was contacted to obtain location information for the range. Mr. Filkins indicated that the Hoosick Falls Range (new) is located off of Hill Road on the Case Fairview Farm. He also provided the directions to the new Hoosick Falls Range and indicated that the former range is located on the south side of the farm. He mentioned that the farm is located on the first property from the intersection of the Clay Hill Road and Tate Road. He did not know the street number but he provided the current ownership information for the farm.
Private, Private	Property Owner	Currently, the former range is located on privately owned farmland. During the site visit, the property owner was interviewed and he indicated that he was aware of the range and during an unknown time period he allowed people to use it. Currently, the range is not being utilized.



Photograph 1: 4' by 4' by 3' concrete reservoir near the targets (16 October 2008)
Hoosick Falls Range (new) (RRNY000012)



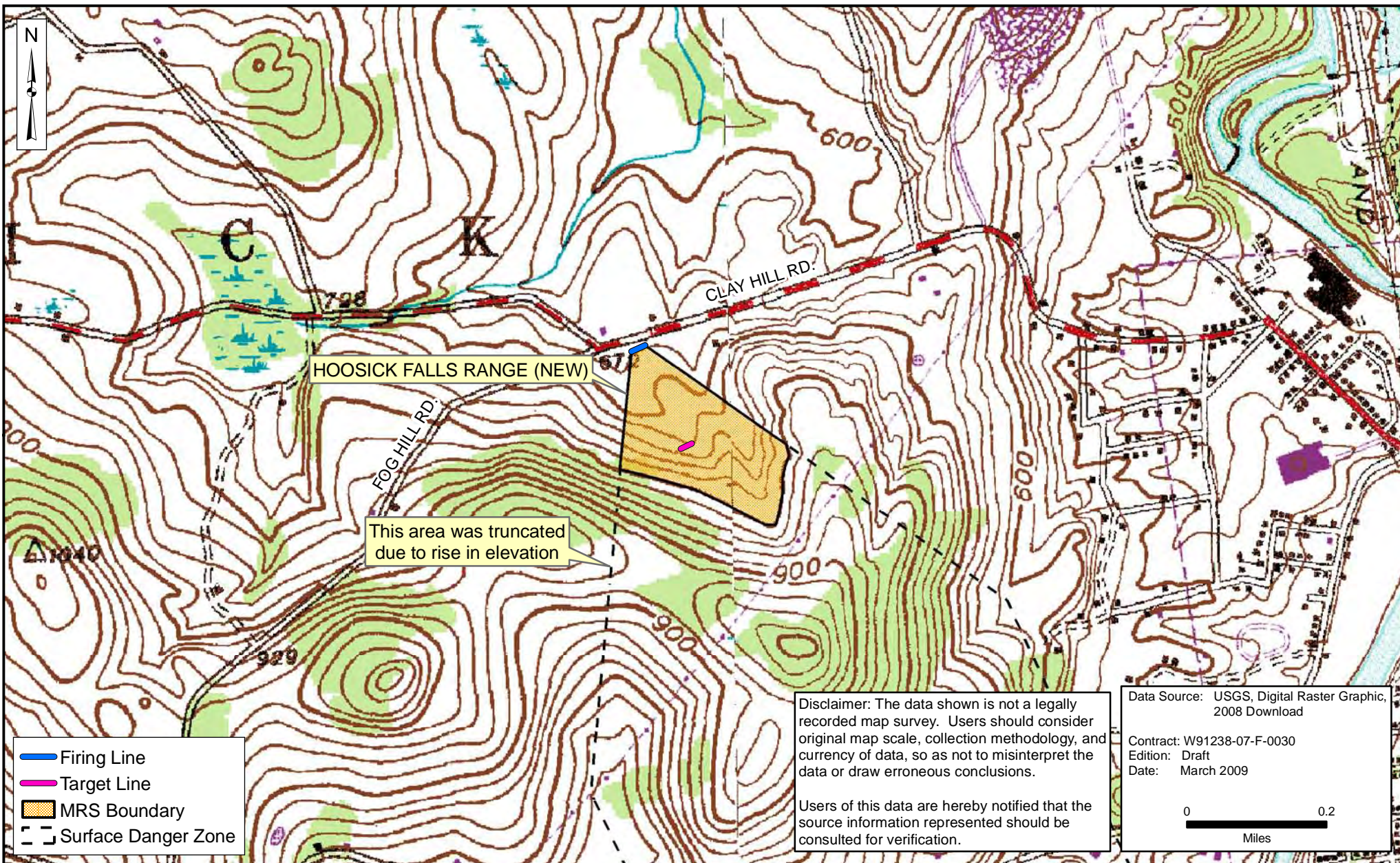
Photograph 2: Target butts with 4 target raising mechanisms (16 October 2008)
Hoosick Falls Range (new) (RRNY000012)



Photograph 3: Concrete wall in front of small reservoir, possibly to protect it from fire
(16 October 2008)
Hoosick Falls Range (new) (RRNY000012)



Photograph 4: Pasture between Clay Hill Road and the target butts (16 October 2008)
Hoosick Falls Range (new) (RRNY000012)



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Figure 13-1
Hoosick Falls Range (new) (RRNY000011)

14.0 HOOSICK FALLS RANGE (OLD)

14.1 Hoosick Falls Range (old) Summary

14.1.1 Hoosick Falls Range (old) Overview and Description

Two NYARNG small arms ranges have been located in Hoosick Falls, NY. The original range, discussed in this section, was used until 1933 when the lease expired. The subsequent range is discussed in Section 13 under Hoosick Falls Range (new).

The former Hoosick Falls Range (old) is located on private property in Hoosick Falls, NY. As shown on Figure ES-1, Hoosick Falls is located in Rensselaer County, approximately 30 miles northeast of Albany, NY. The only NDNODS eligible MRS identified at this site is a former small arms range. During the site field visit, no evidence of the former range was observed. Currently, the area where the MRS is located is privately owned farmland among rolling hills.

14.1.2 Hoosick Falls Range (old) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included Annual AG Reports, NYARNG records of communication, and a lease agreement, identified a rifle range used by the NYARNG in Hoosick Falls, NY. The site location, 290 Hill Road, was obtained from an interview with a local historian.

Since the property is privately owned, an ROE was signed and submitted by the owner on 8 September 2008 and a field site visit to the former range was conducted on 16 October 2008. During the site visit, the NYARNG NDNODS team walked the area of the suspected former range, and no evidence of a former range was found. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 14.5 for the photograph log.

14.1.3 Hoosick Falls Range (old) Critical Data Sources

Critical data sources for the Hoosick Falls Range (old) include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range and a 1924 NYARNG memorandum (NY0019) that has additional background information. The range location was obtained during an interview with a historian from the Hoosick Falls Historical Society.

14.2 Hoosick Falls Range (old) MRS Data

Table 14-1 provides a brief summary of each MRS associated with Hoosick Falls Range (old).

Table 14-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Hoosick Falls Range (old)	RRNY000012	Transferred	Private	Agricultural w/ Housing	NA	10.00
					Total Acreage	10.00

14.2.1 Hoosick Falls Range (old) Summary

According to the lease, the Hoosick Falls Range (old) MRS was a rifle range located on approximately 10 acres of land in Hoosick Falls, NY. This range had concrete butts and four double steel targets and was used by the NYARNG 1st Battalion Headquarters Co. 105th Infantry. The firing lines ranged from 200 to 1,000 yards; however, the longest firing line used was 600 yards. It is assumed that the NYARNG began using this range in 1905 since it is listed as an active range in a 1905 Annual AG Report, but does not appear in a 1904 Annual AG Report. The lease for this range expired on 30 June 1933 and was not renewed as the range was difficult to access. From 1932 to 1933 a new Hoosick Falls Range was constructed at a different, more accessible location. Refer to the Hoosick Falls Range (new) write up in Section 13 of this report for a description of the new range.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 14-1, which consists of 10 acres, is based on the tax map boundaries for each parcel identified as potentially containing the former range. The exact location of the range within this area is unknown.

No evidence of the former range was observed during the 16 October 2008 site visit. The property owner had indicated on the signed ROE that a target wall was located at the back of the property. However, the field team was unable to locate this wall and the property owner was not available during the site field visit. Currently, the location of the Hoosick Falls Range (old) is privately owned farmland, primarily used for sheep farming. The site location is shown on Figure 14-1 and a photograph log is included in Section 14.5. All supporting documents and interview logs are provided in Appendix C of this report.

14.3 Hoosick Falls Range (old) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Hoosick Falls Range (old).

Table 14-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Hoosick Falls Range (old)	Mr.	Filkins	Charles	Historian	Hoosick Falls Historical Society
Phone	518-686-4682		Address	166 Main St	
DSN					
Fax					
Email	unknown			Hoosick Falls, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Hoosick Falls Range (old)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Hoosick Falls Range (old) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 14-3: MRS Table				
NDNODS Name	MRS Name	Status		
Hoosick Falls Range (old)	Hoosick Falls Range (old)	Transferred		
Range Description				
The Hoosick Falls Range (old) (RRNY000012) was a small arms range used by the NYARNG from 1905 to 1933. This MRS, which consists of 10 acres in Hoosick Falls, NY, is privately owned farmland among rolling hills. The site is bounded by Hill Road to the west, and farmland to the north, east, and south.				
MRS ID				
RRNY000012				
UTM Zone	UTM X	UTM Y	Construction Year	
18	636146.58	4748986.01	1905	
Topography	Vegetation	Soil Type		
Gently Rolling	Barren or Low Grass	Silt/Silty-Clay		
Current Use	Start Year			
Agricultural w/ Housing	1934			
Historic Uses	Start Year	End Year		
Small Arms	1905	1933		

UTM = Universal Transverse Mercator

The Hoosick Falls Range (old) Munitions Table provides detailed information on the munitions used on this MRS.

Table 14-4: Munitions Table		
NDNODS Name	MRS Name	
Hoosick Falls Range (old)	Hoosick Falls Range (old)	
Munitions Description	Start Year	End Year
Small Arms	1905	1933

The Hoosick Falls Range (old) Ownership Table provides detailed information on MRS ownership.

Table 14-5: Ownership Table				
NDNODS Name	MRS Name			
Hoosick Falls Range (old)	Hoosick Falls Range (old)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is a privately-owned sheep farm.	Transfer	1934	NA

The Hoosick Falls Range (old) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 14-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Hoosick Falls Range (old)	Hoosick Falls Range (old)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any part of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Hoosick Falls Range (old) Demographics Table provides information on MRS demographics.

Table 14-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Hoosick Falls Range (old)	Hoosick Falls Range (old)	City	Hoosick Falls	New York	USA

The Hoosick Falls Range (old) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 14-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Hoosick Falls Range (old)	Hoosick Falls Range (old)		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
40	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

14.4 Hoosick Falls Range (old) Notes

Two NYARNG small arms ranges have been located in Hoosick Falls, NY. The original range, discussed in this section, was used until 1933 when the lease expired. The subsequent range is discussed in Section 13 under Hoosick Falls Range (new).

14.5 Hoosick Falls Range (old) Interview and Photograph Logs

Table 14-9: Interviews		
Name	Title	Interview
Filkins, Charles	Historian	Charles Filkins, a historian with the Hoosick Township Historical Society was contacted to obtain location information for the range. Mr. Filkins indicated that the Hoosick Falls Range (old) could be found at the following location: In Live Search maps, start off at Hewitts Road, Hoosick Falls. Go northeast until you reach Hill Road (Route 95). Go south on Hill Road and it is the second farm house on the eastern side of Hill Road. There is a house with a green roof and there is a barn and shed. There are also sheep located on the property. The rifle range was located to the east of the house.



Photograph 1: View of fields and access road looking southwest toward Hill Road
(16 October 2008)
Hoosick Falls Range (old) (RRNY000011)



Photograph 2: View of fields looking northeast from top of first field (16 October 2008)
Hoosick Falls Range (old) (RRNY000011)



Photograph 3: Broken up, dumped concrete near stream on property (16 October 2008)
Hoosick Falls Range (old) (RRNY000011)



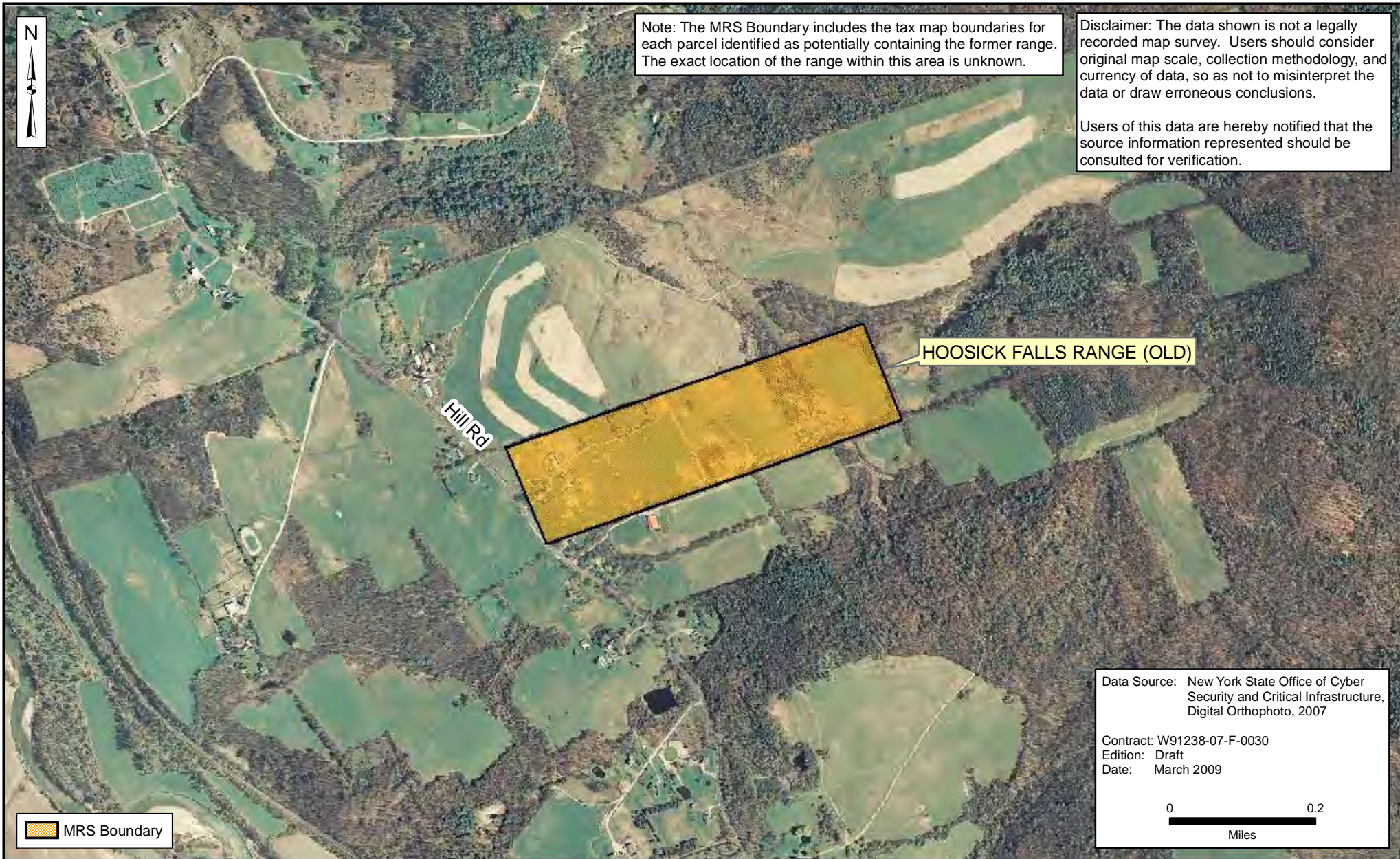
Photograph 4: View of fields looking southwest (16 October 2008)
Hoosick Falls Range (old) (RRNY000011)



Note: The MRS Boundary includes the tax map boundaries for each parcel identified as potentially containing the former range. The exact location of the range within this area is unknown.

Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.



HOOSICK FALLS RANGE (OLD)

Hill Rd

MRS Boundary

Data Source: New York State Office of Cyber Security and Critical Infrastructure, Digital Orthophoto, 2007

Contract: W91238-07-F-0030
Edition: Draft
Date: March 2009

0 0.2
Miles



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Figure 14-1
Hoosick Falls Range (old) (RRNY000012)



15.0 HORNELL RIFLE RANGE (NEW)

15.1 Hornell Rifle Range (new) Summary

15.1.1 Hornell Rifle Range (new) Overview and Description

The former Hornell Rifle Range (new) is located on federally and county-owned property in the Town of Hornellsville, NY. As shown on Figure ES-1, the Town of Hornellsville, which contains the City of Hornell, is located in Steuben County in the southwestern portion of NY, approximately 80 miles south of Rochester. The only NDNODS eligible MRS identified at this site is a former small arms range.

15.1.2 Hornell Rifle Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This site was identified by the NGB. Various documents describing this range, including lease agreements, government memoranda, and a Range Condition Assessment Report prepared by the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM), were obtained during research at the National Archives.

Since all of the properties associated with this MRS are government-owned, an ROE was not required. A field site visit to the former range was conducted on 13 October 2008. During the site visit, the NYARNG NDNODS Team walked the area of the suspected former range, and no evidence of a former range was found. Refer to Figure 15-1. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 15-5 for the photograph log.

15.1.3 Hornell Rifle Range (new) Critical Data Sources

The critical data source for the Hornell Rifle Range (new) was a Range Condition Assessment (RCA) Report prepared by USACHPPM, July 2004 (NY0127), which contains background historical information including range usage, a description of the range, and a map of the range layout and location.

15.2 Hornell Rifle Range (new) MRS Data

Table 15-1 provides a brief summary of each MRS associated with Hornell Rifle Range (new).

Table 15-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Hornell Rifle Range (new)	RRNY000013	Transferred	Federal, State, Local Government	Recreational, Utility/ Ground Improvements, Parking Lot, Road	NA	100.00
					Total Acreage	100.00

15.2.1 Hornell Rifle Range (new) Summary

Two NYARNG small arms ranges have existed in Hornell. The original range, built in 1892, was used until 1929 when the lease expired and was not renewed. The original range is discussed on the Ineligible Table in Appendix D under Hornell Rifle Range (old). After the lease expired, the Hornell Rifle Range was moved to 6.2 acres of county-owned property. This 6.2 acres does not include the SDZ boundary. The new range (referred to as Hornell Rifle Range (new) in this report), constructed in 1930, had five targets with 100, 200, 300, 400, and 500-yard firing lines. Firing occurred from southeast to northwest. Structures present included a target house, targets, and a concrete and earthen backstop. Approximately 200 people used the range annually including personnel from the NYARNG Co. K 108th Infantry and the Hornell NRA Rifle Club. Weapons fired at the range included pistols, rifles, and .30- and .50- cal machine guns.

In 1935, the Canisteo River overran its banks and much of Hornell was flooded. A large portion of property surrounding the range was subsequently procured for the federally-funded Almond Flood Control Project. Under this project, Almond Dam and the Almond Reservoir were built, which resulted in the relocation of a portion of County Road 66. Since the relocated portion of County Road 66 bisected the Hornell Rifle Range (new), the 300 through 500-yard firing lines were lost and the firing line was moved to the west. Use of the range was discontinued on 30 May 1972 when the lease was terminated and the unit moved all equipment and training activities to Fort Drum in Watertown, NY.

The area where the range was located currently has several different uses/occupancies including; 1) land used for a federal flood control project; 2) a parking lot for people accessing the Finger Lakes Hiking Trail; 3) a portion of Kanakadea Park, a county-owned recreational area; and 4) two roadways including the Southern Tier Expressway (Highway 17/Interstate-86) and County Road 66. Currently, County Road 66 runs through the former line of fire, a parking area for the Finger Lakes Trail is located in the area of the former target butts, and Kanakadea Park and the Almond Reservoir are located in the area of the former firing positions. Since all of the properties associated with this MRS are government-owned, an ROE was not required. No evidence of the former range was observed during the 13 October 2008 site visit.

In 2004 USACHPPM conducted an RCA for this range. The purpose of the RCA was to document environmental conditions and determine the need for further action where a release of MC was suspected. The RCA indicated that no environmental sampling was recommended at the former Hornell Range (new).

The SDZ applied and depicted on Figure 15-1 is based on a typical safety fan for a 500-yard known distance rifle range, in accordance with TM 9-855, 1951. The fan covers impacts of .22-, .30-, and .45-caliber ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs northeast to southwest and crosses the firing direction west of the target butts. The top of the ridge is elevated approximately 100 feet above the firing line, which is steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated at the ridge which is approximately 3,925 feet west of the firing point. Based on this SDZ, the MRS encompasses approximately 100 acres.

The site location is shown on Figure 15-1 and a photograph log is included in Section 15-5. All supporting documents and interview logs are provided in Appendix C of this report.

15.3 Hornell Rifle Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Hornell Rifle Range (new).

Table 15-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Hornell Rifle Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil		Latham, New York		

The Hornell Rifle Range (new) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 15-3: MRS Table				
NDNODS Name	MRS Name		Status	
Hornell Rifle Range (new)	Hornell Rifle Range (new)		Transferred	
Range Description				
The Hornell Rifle Range (new) (RRNY000013) was a small arms range used by the NYARNG from 1930 to 1972. This MRS, which consists of 100 acres in Hornellsville, NY, is bounded by Almond Reservoir to the east, the Southern Tier Expressway to the north and west, and Country Road 66 to the south.				
MRS ID				
RRNY000013				
UTM Zone	UTM X	UTM Y	Construction Year	
18	275427.59	4691407.3	1930	
Topography	Vegetation	Soil Type		
Gently Rolling	Heavy Grass with Numerous Shrubs	Silt/Silty-Clay		
Current Use	Start Year			
Recreational	1973			
Utility/ Ground Improvements	1973			
Parking Lot	1973			
Road	1973			
Historic Uses	Start Year	End Year		
Small Arms	1930	1972		

UTM = Universal Transverse Mercator

The Hornell Rifle Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 15-4: Munitions Table		
NDNODS Name	MRS Name	
Hornell Rifle Range (new)	Hornell Rifle Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1930	1972

The Hornell Rifle Range (new) Ownership Table provides detailed information on MRS ownership.

Table 15-5: Ownership Table				
NDNODS Name	MRS Name			
Hornell Rifle Range (new)	Hornell Rifle Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Federal	A portion of this MRS is owned by the Federal Government for a land control project.	Transfer	1973	NA
State	A portion of this MRS is located on state owned property including a parking lot for people accessing the Finger Lakes Hiking Trail and part of the Southern Tier Expressway (Highway 17/Interstate-86).	Transfer	1973	NA
Local Government	A portion of this MRS is owned by the county including part of Kanakadea Park and County Road 66.	Transfer	1973	NA

The Hornell Rifle Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 15-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Hornell Rifle Range (new)	Hornell Rifle Range (new)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any part of this MRS. Most of this site is either recreational area or roadways/parking lots.	UPA

PUBLIC ACCESS DEFINITIONS:

- NPA = No Public Access: The public does not have any access to the MRS.
- LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.
- RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.
- UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Hornell Rifle Range (new) Demographics Table provides information on MRS demographics.

Table 15-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Hornell Rifle Range (new)	Hornell Rifle Range (new)	City	Hornellsville	New York	USA

The Hornell Rifle Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 15-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name		MRS Name	
Hornell Rifle Range (new)		Hornell Rifle Range (new)	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
10	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

15.4 Hornell Rifle Range (new) Notes

Two NYARNG ranges have existed in Hornell. The original range, built in 1892, was used until 1929 when the lease expired and was not renewed. The original range is discussed on the Ineligible Table in Appendix D under Hornell Rifle Range (old).

15.5 Hornell Rifle Range (new) Interview and Photograph Logs

Table 15-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



Photograph 1: Typical walking trail in the area of the former range target butts
(13 October 2008)
Hornell Rifle Range (RRNY000013)



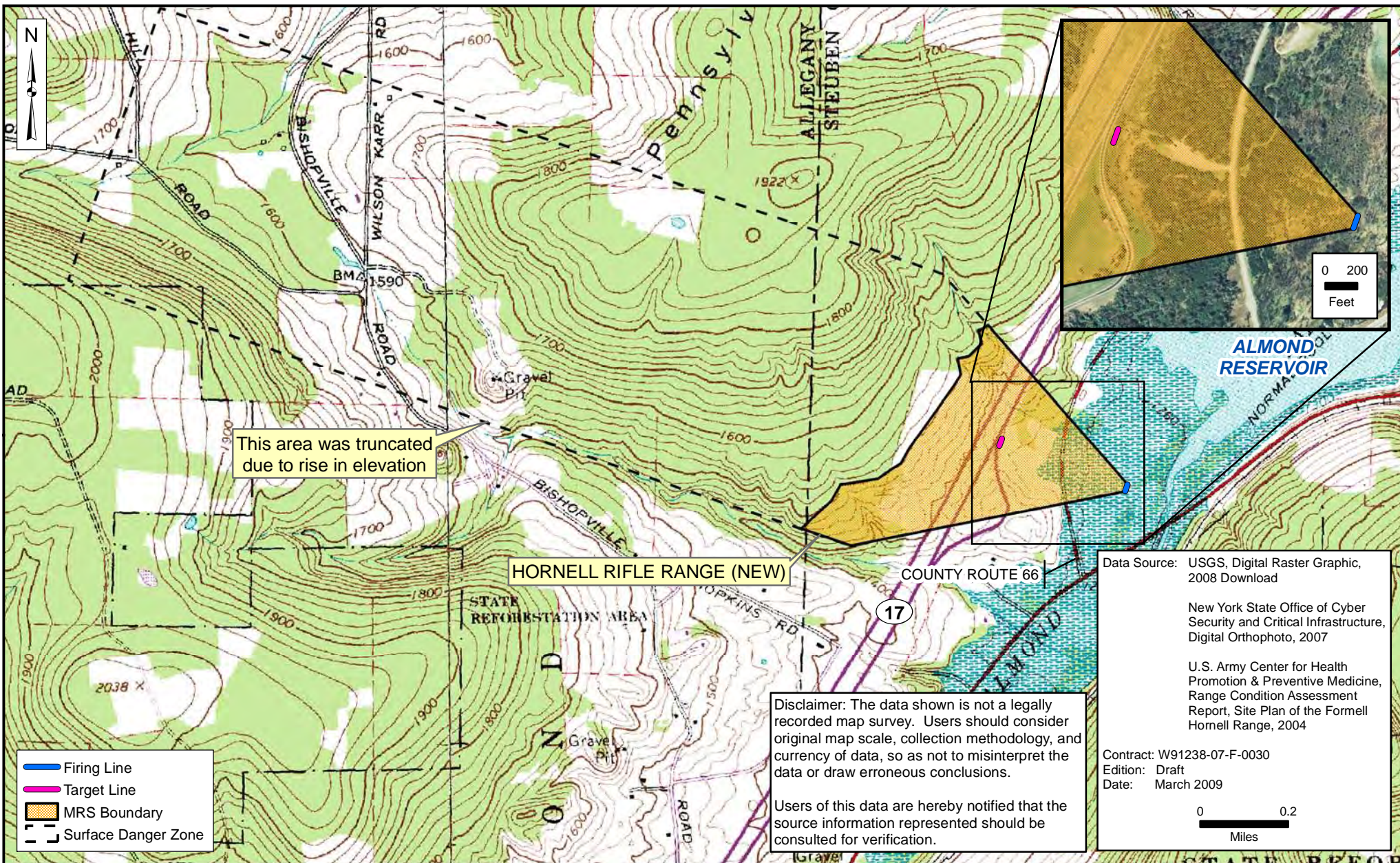
Photograph 2: Parking lot between Route 66 and the Southern Tier Expressway (I-86)
(13 October 2008)
Hornell Rifle Range (RRNY000013)



Photograph 3: Western end of Almond Lake in the area of former firing lines (photo from Route 21) (13 October 2008)
Hornell Rifle Range (RRNY000013)



Photograph 4: View west towards Almond Lake from Route 21, looking toward Route 66 and I-86 (13 October 2008)
Hornell Rifle Range (RRNY000013)



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Figure 15-1
Hornell Rifle Range (new) (RRNY000013)



16.0 JAMESTOWN RIFLE RANGE

16.1 Jamestown Rifle Range Summary

16.1.1 Jamestown Rifle Range Overview and Description

The former Jamestown Rifle Range is located on private property in the Hamlet of Frewsburg, NY. As shown on Figure ES-1, Frewsburg is located in Chautauqua County, adjacent to the City of Jamestown, in the southwestern portion of NY. The only NDNODS eligible MRS identified at this site is a former small arms range. The MRS is located on swampy land in the watershed of the Conewango Creek and its tributary.

16.1.2 Jamestown Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This site was identified by the NGB. Various documents describing this range, including lease agreements, NYARNG memoranda, and Annual AG Reports, were obtained during research at the National Archives. The site location was determined from an interview with a historian at a local museum.

Since the property is privately owned by Jamestown Rendering, an ROE was signed and submitted by the owner on 16 September 2008. A field site visit to the former range was conducted on 13 October 2008. Based on historical documents and information obtained from the local historian, it was determined that the range was located south of a tributary of the Conewango Creek and west of Conewango Creek. During the site visit, the remains of a concrete bridge abutment, which appeared to have led over a 40-foot wide portion of the tributary to the range location, were found. Since the bridge was no longer present, the former range location was inaccessible. Refer to Figure 16-1 for the range location. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 16.5 for the photograph log.

16.1.3 Jamestown Rifle Range Critical Data Sources

Critical data sources for the Jamestown Rifle Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, and a 1920 lease agreement (NY0022), which contains information used to locate the range. The range location was obtained during an interview with Norman Carlson, a historian with the Fenton Museum.

16.2 Jamestown Rifle Range MRS Data

Table 16-1 provides a brief summary of each MRS associated with Jamestown Rifle Range.

Table 16-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Jamestown Rifle Range	RRNY000014	Transferred	Commercial	Undeveloped	NA	10.00
					Total Acreage	10.00

16.2.1 Jamestown Rifle Range Summary

The Jamestown Rifle Range MRS, which had four targets with 200 to 1,000 yard firing lines, was located on approximately 10 acres of land in the Hamlet of Frewsburg, NY. The range was used by the NYARNG Co. E 174th Infantry and by Buffalo units of the same regiment. An Annual AG report indicated that the range was located on swampy land adjacent to the Conewango Creek. As a result, each year the range could not be used until the high waters receded, which was usually after June 1st. The period of use for this MRS is estimated to be 1878 to 1949. The construction date for this range is unknown; however, an article in Forest and Stream states that an official NYARNG rifle range was present in Jamestown in 1878. Until 1875, the Creedmoor Rifle Range was the only official NGB Range in NY (Refer to the write-up on the Creedmoor Rifle Range in Section 7). Therefore, the Jamestown Rifle Range was constructed between 1875 and 1878. The end use date is based on Annual AG Reports; this range is listed as active in a 1949 report, but is not listed in a 1950 report.

Based on historical documents and information obtained from the local historian, it was determined that the range was located south of a tributary of the Conewango Creek and west of Conewango Creek. According to the lease, this range was located on land owned by Manley Milks; the property was formerly known as the S.T. Thomas Farms. The range was located on the main road leading from Jamestown to Frewsburg. Norman Carlson, found the S.T. Thomas property on a map in the 1881 Atlas for Kiantone. It was located south of the rendering works property (Note that a 1926 NYARNG letter states that a "rendering works has just been built in the vicinity [of the range]"). According to Mr. Carlson, the S.T. Thomas property is located on the eastern third of Lot 5. The site boundary shown on Figure 16-1 includes the entire boundary of the lessor's property as shown on an 1881 map. The location and boundary of the range within this area is unknown and a site layout map is not available.

Since the property is privately owned by Jamestown Rendering, an ROE was signed and submitted by the owner on 16 September 2008. During the 13 October 2008 site visit, the remains of a concrete bridge abutment, which appeared to have led over a 40-foot wide portion of the tributary to the range location, were found. Since the bridge was no longer present, the former range location was inaccessible. The site location is shown on Figure 16-1 and a photograph log is included in Section 16.5. All supporting documents and interview logs are provided in Appendix C of this report.

16.3 Jamestown Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Jamestown Rifle Range.

Table 16-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Jamestown Rifle Range	Mr.	Carlson	Norman	Historian	Fenton Museum
Phone	716-664-6256		Address	Fenton History Center	
DSN	67 Washington Street				
Fax					
Email	unknown			Jamestown, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Jamestown Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Jamestown Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 16-3: MRS Table				
NDNODS Name	MRS Name	Status		
Jamestown Rifle Range	Jamestown Rifle Range	Transferred		
Range Description				
The Jamestown Rifle Range (RRNY000014) was a small arms range used by the NYARNG from 1878 to 1949. This MRS, which consists of approximately 10 acres in Frewsburg, NY, is currently located on swampy land that is part of the Conewango Creek watershed. The site is bounded by a tributary to the Conewango River to the north, Conewango Creek to the east, wetlands to the west, and woods to the south.				
MRS ID				
RRNY000014				
UTM Zone	UTM X	UTM Y	Construction Year	
17	650219.89	4656748.01	1878	
Topography	Vegetation	Soil Type		
Flat	Forest	Silt/Silty-Clay		
Current Use	Start Year			
Undeveloped	1950			
Historic Uses	Start Year	End Year		
Small Arms	1878	1949		

UTM = Universal Transverse Mercator

The Jamestown Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 16-4: Munitions Table		
NDNODS Name	MRS Name	
Jamestown Rifle Range	Jamestown Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1878	1949

The Jamestown Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 16-5: Ownership Table				
NDNODS Name	MRS Name			
Jamestown Rifle Range	Jamestown Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Commercial	This MRS is currently owned by Jamestown Rendering.	Transfer	1950	NA

The Jamestown Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 16-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Jamestown Rifle Range	Jamestown Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	Although there are no land use restrictions for this MRS, it is physically inaccessible. When the range was active, a bridge led over a tributary to the Conawango River to the range location; this bridge is no longer present.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Jamestown Rifle Range Demographics Table provides information on MRS demographics.

Table 16-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Jamestown Rifle Range	Jamestown Rifle Range	City	Frewsburg	New York	USA

The Jamestown Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 16-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Jamestown Rifle Range	Jamestown Rifle Range		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper, there are one or more rare animals near or on this MRS; however, the species names, status, and exact locations are not available.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
5	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

16.4 Jamestown Rifle Range Notes

There are no additional notes for the Jamestown Rifle Range.

16.5 Jamestown Rifle Range Interview and Photograph Logs

Table 16-9: Interviews		
Name	Title	Interview
Carlson, Norman	Historian	According to the lease for this range, it was located on land owned by Manley Milks; the property was formerly known as the S.T. Thomas Farms. The range was located on the main road leading from Jamestown to Frewsburg. This information was given to Norman Carlson who researched historical maps from the 1800s and 1900s to see if he could find the range location. According to Mr. Carlson, he found the S.T. Thomas property on a map in the 1881 Atlas for Kiantone. It was located south of the rendering works property (Note that a 1926 NYARNG letter states that a "rendering works has just been built in the vicinity [of the range]"). He stated there is an old bridge south of the rendering works but it has been out for many years. Mr. Carlson stated the property is the East Third of Lot 5. (Tax maps for the area were obtained to determine the location of Lot 5.)



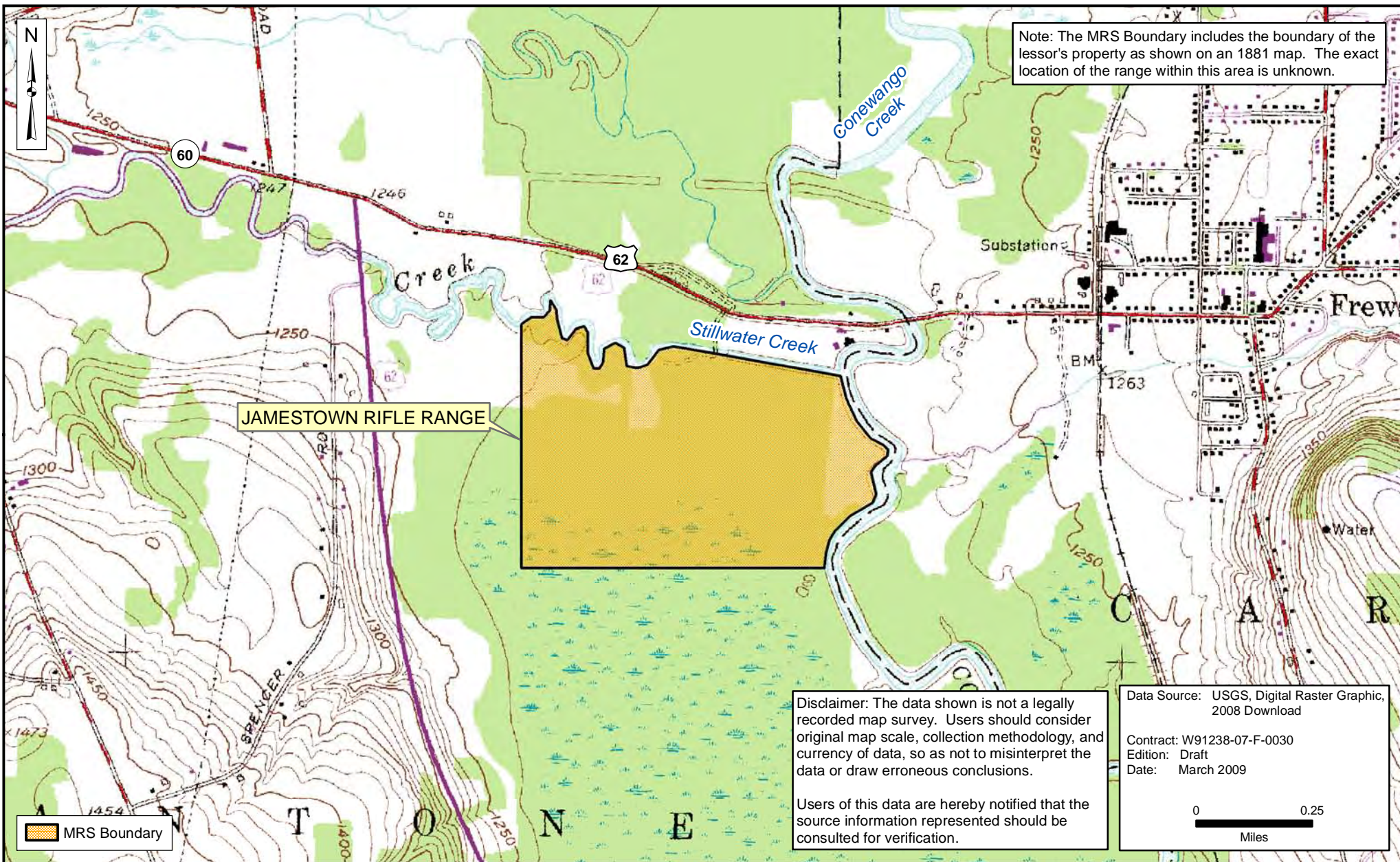
Photograph 1: View of Jamestown Rendering property located north of the tributary to the Conawango River (13 October 2008)
Jamestown Rifle Range (RRNY000014)



Photograph 2: Remnants of concrete bridge abutment, suspected to lead to former range (13 October 2008)
Jamestown Rifle Range (RRNY000014)



Photograph 3: View from concrete bridge abutment looking south over the tributary
(13 October 2008)
Jamestown Rifle Range (RRNY000014)



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Figure 16-1
Jamestown Rifle Range (RRNY000014)

17.0 KENILWORTH RANGE

17.1 Kenilworth Range Summary

17.1.1 Kenilworth Range Overview and Description

The former Kenilworth Range is located in Kenilworth Village, Tonawanda, Erie County, NY, just north of Buffalo in western NYS (refer to Figure ES-1). The only NDNODS eligible MRS identified at this site is a former small arms range. The area where the range was located is currently a housing development, and no evidence of a former range was found during the site field visit.

17.1.2 Kenilworth Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This site was first identified in various documents obtained during research at the National Archives. The site location was determined based on historical maps. Since the former range is currently a housing development with dozens of residences, it was decided by USACE that ROEs would not be obtained, and a windshield survey would be conducted.

A field site visit to the former range was conducted on 13 October 2008. During the site visit, the NYARNG NDNODS team conducted a windshield survey of the area of the former range and no evidence of the former range was found. The area where the range was located is currently a housing development; a park and church are also present (refer to Figure 17-1). To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 17-5 for the photograph log.

17.1.3 Kenilworth Range Critical Data Sources

Critical data sources for the Kenilworth Range include the History of the Town of Tonawanda, Erie County, NY 1805-1930, prepared by Frederick S. Parkhurst, Ph.D., Local Historian (NY0191), which gives background information, as well as the range location, a 1903 Map of Buffalo and Tonawanda (NY0207; NY0208), which also shows the range location, and a 1923 Annual AG Report (NY0069) that gives range details.

17.2 Kenilworth Range MRS Data

Table 17-1 provides a brief summary of each MRS associated with Kenilworth Range.

Table 17-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Kenilworth Range	RRNY000015	Transferred	Private, Mixed	Residential - Multi Family Complex, Recreational, Other	NA	242.00
Total Acreage						242.00

17.2.1 Kenilworth Range Summary

In 1892, a rifle range, known as the Kenilworth Range, was built in Tonawanda for the NYARNG Twenty-Fifth Separate Company. This range had 22 targets with 200 to 1,000 yard firing lines, and was located on approximately 242 acres. In 1910, during practice at the range, two guardsmen were injured when another guardsman accidentally discharged his weapon. It is unknown when use of the range was discontinued. However, according to a 1930 NYARNG memorandum, the Kenilworth Range no longer existed since the lease had expired. The memorandum also indicated that the butts had been dismantled. No information regarding the layout of the range is available.

The MRS boundary includes the boundary of the lessor's property as shown on the 1909 map. The exact location of this range is unknown. No evidence of the former range was observed during the 13 October 2008 site visit. Currently, the site is developed with dozens of residential properties, a small park with a playground, and a church built in 1930. The site location is shown on Figure 17-1 and a photograph log is included in Section 17-5. All supporting documents are provided in Appendix C of this report.

17.3 Kenilworth Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Kenilworth Range.

Table 17-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Kenilworth Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil			Latham, New York	

The Kenilworth Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 17-3: MRS Table			
NDNODS Name	MRS Name	Status	
Kenilworth Range	Kenilworth Range	Transferred	
Range Description			
The Kenilworth Range (RRNY000015) was a small arms range used by the NYARNG from 1892 to 1930. This MRS is located in a housing development in Tonawanda, NY and is bounded by Niagara Falls Boulevard to the east, Chalmers Avenue and Berkley Street to the north, Fairfield Avenue to the west, and Kenmore Avenue and Englewood Avenue to the south. This MRS encompasses approximately 242 acres.			
MRS ID			
RRNY000015			
UTM Zone	UTM X	UTM Y	Construction Year
17	677021.69	4758972.91	1892
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Residential - Multi Family Complex	1931		
Recreational	1931		
Other	1931		
Historic Uses	Start Year	End Year	
Small Arms	1892	1930	

UTM = Universal Transverse Mercator

The Kenilworth Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 17-4: Munitions Table		
NDNODS Name	MRS Name	
Kenilworth Range	Kenilworth Range	
Munitions Description	Start Year	End Year
Small Arms	1892	1930

The Kenilworth Range Ownership Table provides detailed information on MRS ownership.

Table 17-5: Ownership Table				
NDNODS Name	MRS Name			
Kenilworth Range	Kenilworth Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	The majority of this MRS is a housing development with single-family dwellings.	Transfer	1930	NA
Mixed	This MRS contains a park and a church.	Transfer	1930	NA

The Kenilworth Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 17-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Kenilworth Range	Kenilworth Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any part of this MRS. This area is currently a housing development with parks and a church.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Kenilworth Range Demographics Table provides information on MRS demographics.

Table 17-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Kenilworth Range	Kenilworth Range	City	Tonawanda	New York	USA

The Kenilworth Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 17-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Kenilworth Range	Kenilworth Range		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
15	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

17.4 Kenilworth Range Notes

There are no additional notes for the Kenilworth Range.

17.5 Kenilworth Range Interview and Photograph Logs

Table 17-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



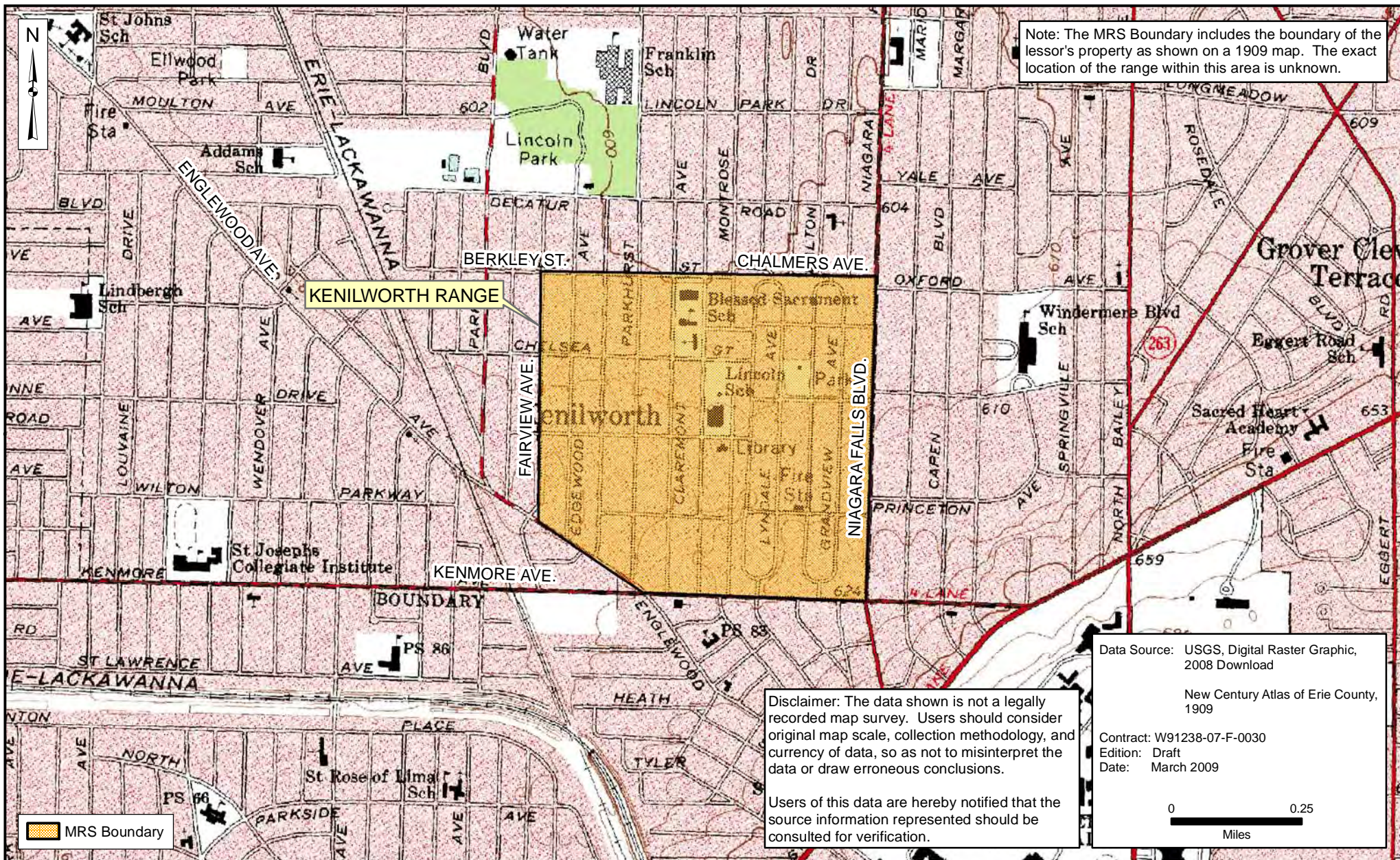
Photograph 1: Playground in Kenilworth neighborhood (13 October 2008)
Kenilworth (RRNY000015)



Photograph 2: Typical houses in the Kenilworth Neighborhood (13 October 2008)
Kenilworth (RRNY000015)



Photograph 3: A church on Wendel Street built in 1930 (13 October 2008)
Kenilworth (RRNY000015)



Note: The MRS Boundary includes the boundary of the lessor's property as shown on a 1909 map. The exact location of the range within this area is unknown.

Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Raster Graphic, 2008 Download
 New Century Atlas of Erie County, 1909
 Contract: W91238-07-F-0030
 Edition: Draft
 Date: March 2009

0 0.25
 Miles

MRS Boundary



National Guard Bureau
 Non-DoD Owned Non-Operational Defense Sites Inventory
 New York



Figure 17-1
 Kenilworth Range (RRNY00015)

18.0 MALONE LTA

18.1 Malone LTA Summary

18.1.1 Malone LTA Overview and Description

The former Malone LTA (also known as the Malone WETS) is located on NYS-owned property in Malone, NY. As shown on Figure ES-1, Malone is located in Franklin County, approximately 10 miles from the Canadian border and approximately 70 miles south of Montreal, Canada. The only NDNODS eligible MRS identified at this site is a former small arms range. The area where the range is located is currently a state prison, and no evidence of a former range was found during the site field visit.

18.1.2 Malone LTA Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was identified by the NGB. Various documents describing this range, including lease agreements and NYARNG memoranda, were obtained from JFHQ-NY during the in-brief, while Annual AG Reports were obtained during research at the National Archives. The site location was obtained from a description in a lease agreement.

Since this MRS is currently a NYS prison, the field team was not able to access the property. A field site visit to the former range was conducted on 15 October 2008. During the site visit, the NYARNG NDNODS Team conducted a site visit from the road at the Franklin Correctional Facility, a medium security-level NYS prison. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 18.5 for the photograph log.

18.1.3 Malone LTA Critical Data Sources

Critical data sources for the Malone LTA include a 1951 Annual Report of the Chief of Staff to the Governor (NY0101), which contains a description of the range, a 1982 lease (NY0182) that includes sufficient information to locate the general area of the range, and a 1986 letter from the DA to the lessor (NY0182), which indicates the range property will be developed as a NYS prison. Several historical newspaper articles (NY0230) were also used to obtain the range location. These newspaper articles were found on the internet in the Press Republican Newspaper on-line archives. The interviews conducted provided little or no additional information regarding the range.

18.2 Malone LTA MRS Data

Table 18-1 provides a brief summary of each MRS associated with Malone LTA.

Table 18-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Malone LTA	RRNY000016	Transferred	State	Prison	Access Control - Guards	43.00

Total Acreage	43.00
---------------	-------

18.2.1 Malone LTA Summary

The Malone LTA MRS, located on approximately 43 acres in Malone, NY, had a small arms range used by the NYARNG. The range, which had four targets with 200 to 600 yard firing lines, a target house, and target pit, was used by the NYARNG Co. I 105th Infantry from 1895 to 1985. In 1955, the NYARNG requested funds from the NGB to build a submachine gun range at the site; it is unknown if this range was ever built. A record of communication that stated use of the range would be discontinued in 1985 since a state prison would be constructed at the site. According to a 4 March 1986 letter from the NYARNG to the NGB, construction of the prison was already in progress.

There are three NYS prisons in Malone; the Bare Hill Correctional Facility, located at 181 Brand Road, the Franklin Correctional Facility, located at 62 Bare Hill Road, and the Upstate Correctional Facility, located at 309 Bare Hill Road. Based on the property description contained in the lease, it was determined that the range was either located at the Bare Hill Correctional Facility or the Franklin Correctional Facility; these two prisons are located across the street (Bare Hill Road) from each other. According to several articles in the Press-Republican Newspaper, construction on the Bare Hill Correctional Facility did not begin until 1987. It is unknown when construction began on the Franklin Correctional Facility; however, it opened in September 1986. Based on these dates, it is estimated that the Malone LTA was located at the current location of the Franklin Correctional Facility.

The exact boundary of the range is unknown and a site layout map is not available. The 43-acre site boundary shown on Figure 18-1 is the boundary of the Franklin Correctional Facility. This MRS is bounded by Bare Hill Road to the west, Fort Covington Road to the southwest, and undeveloped land to the north, east, and south.

No evidence of the former range was observed during the 15 October 2008 site visit. It appears that the entire property was redeveloped when the prison was built. The site location is shown on Figure 18-1 and a photograph log is included in Section 18.5. All supporting documents and interview logs are provided in Appendix C of this report.

18.3 Malone LTA Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Malone LTA.

Table 18-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Malone LTA	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Malone LTA MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 18-3: MRS Table			
NDNODS Name	MRS Name	Status	
Malone LTA	Malone LTA	Transferred	
Range Description			
The Malone LTA (also known as the Malone WETS) (RRNY000016) was a small arms range used by the NYARNG from 1895 to 1985. According to the 1982 lease, this MRS was located on approximately 43 acres. In 1986, a medium security NYS prison was constructed at the location of the former range. This prison, the Franklin Correctional Facility, is located at 62 Bare Hill Road. This MRS is bounded by Bare Hill Road to the west, Fort Covington Road to the southwest, and undeveloped land to the north, east, and south.			
MRS ID			
RRNY000016			
UTM Zone	UTM X	UTM Y	Construction Year
18	554420.81	4968664.49	1895
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Prison	1986		
Historic Uses	Start Year	End Year	
Training Area/Maneuver Area	1895	1985	

UTM = Universal Transverse Mercator

The Malone LTA Munitions Table provides detailed information on the munitions used on this MRS.

Table 18-4: Munitions Table		
NDNODS Name	MRS Name	
Malone LTA	Malone LTA	
Munitions Description	Start Year	End Year
Small Arms	1895	1985

The Malone LTA Ownership Table provides detailed information on MRS ownership.

Table 18-5: Ownership Table				
NDNODS Name	MRS Name			
Malone LTA	Malone LTA			
Ownership	Ownership Description	Type	Start Year	End Year
State	This MRS is currently a NYS-owned prison.	Transfer	1985	NA

The Malone LTA Land Use Restrictions Table provides information on MRS land use restrictions.

Table 18-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Malone LTA	Malone LTA	Guards	Access Control	Access to this MRS is restricted. This is currently a medium-level prison that is fenced and guarded.	RPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Malone LTA Demographics Table provides information on MRS demographics.

Table 18-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Malone LTA	Malone LTA	City	Malone	New York	USA

The Malone LTA Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 18-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Malone LTA	Malone LTA	According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
30	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

18.4 Malone LTA Notes

There are no additional notes for Malone LTA.

18.5 Malone LTA Interview and Photograph Logs

Table 18-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



Photograph 1: View of the front of Bare Hill Correctional Facility from Brand Hill Road looking northwest (15 October 2008)
Malone LTA (RRNY000016)



Photograph 2: View of Bare Hill Correctional Facility form Brandt Hill Road looking northeast (15 October 2008)
Malone LTA (RRNY000016)



Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Orthophoto, 2008 Download

Contract: W91238-07-F-0030
 Edition: Draft
 Date: March 2009

0 0.2
 Miles



National Guard Bureau
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 New York

Figure 18-1
Malone LTA (RRNY000016)



19.0 MOHAWK RIFLE RANGE

19.1 Mohawk Rifle Range Summary

19.1.1 Mohawk Rifle Range Overview and Description

The former Mohawk Rifle Range (aka the Kast Bridge Range) is located in the Town of Herkimer, Herkimer County, NY, on privately-owned property. As shown on Figure ES-1, Herkimer is located in central NYS in the Mohawk Valley region. The only NDNODS eligible MRS identified at this site is a former rifle range. During the site field visit structures/features associated with the range, including the target berm and backstop, were observed. Currently, this site contains several residences and farmland.

19.1.2 Mohawk Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included Annual AG Reports, NYARNG correspondence, and lease agreements, identified a rifle range used by the NYARNG in Herkimer, NY. The site location, on State Route 28 and Farber Lane, was obtained from a historical newspaper article found by a historian at the Herkimer County Historical Society and from a historical map. Additional information regarding range layout was obtained during two interviews; one with Susan Perkins, Executive Director of the Herkimer County Historical Society, and one with Elmer Smith, a former NYARNG guardsman.

The property where the former range was located consists of five privately-owned parcels. ROEs were sent to all five property owners; however, only four owners granted access. The signed ROEs were received on 30 September 2008, 2 October 2008, 3 October 2008, and 7 October 2008. A field site visit to the former range was conducted on 9 December 2008. During the site visit structures associated with the former range were observed. Refer to Figure 19-1 for the range location and features. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 19.5 for the photograph log.

19.1.3 Mohawk Rifle Range Critical Data Sources

Critical data sources for the Mohawk Rifle Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, several leases (NY0038) that provide the general location of the range, and a 1959 letter from the NYARG Assistant AG to the Chief of the NGB (NY0139) that gives the lease release date.

The range location was determined based on a 9 May 1907 article in the Utica Daily Press (NY0234) that indicated that NYARNG had decided to locate a rifle range on the Nellis Farm, near the M & M Railroad Kast Bridge station. A 1906 Herkimer County map shows the location of the Nellis property near Kast Bridge. This location agrees with the general location given in the lease.

19.2 Mohawk Rifle Range MRS Data

Table 19-1 provides a brief summary of each MRS associated with Mohawk Rifle Range.

Table 19-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Mohawk Rifle Range	RRNY000017	Transferred	Private	Agricultural w/ Housing	NA	73.00
					Total Acreage	73.00

19.2.1 Mohawk Rifle Range Summary

The Mohawk Rifle Range (also called Kast Bridge Range) had four targets with 200 to 1,000 yard firing lines and was located in Herkimer, NY. A hill near Kast Bridge was used as the backstop. The site is bounded by West Canada Creek and mountains to the east and undeveloped land to the north, south, and west.

The range was used by the NYARNG Co. I 10th Infantry from 1907 to 1959. The start date is based on a 1907 Utica Press newspaper article. In 1942 the NYARNG AG's Office recommended that the Mohawk Rifle Range be closed and all equipment be transferred to Utica since the range was only used twice in 1941. It does not appear that this recommendation was followed. In 1959, the NYARNG indicated that the range facilities had deteriorated significantly and that extensive rehabilitation would be required before the range could be used. Therefore, the lease was terminated.

Currently, this former range is located on privately-owned residential and farmland property. A site visit on 9 December 2008 consisted of several on-site walks and one off-site survey. The following features associated with the former range were observed. It should be noted that all of these range features were located on property that the field team was not allowed to enter since a signed ROE was not received from the property owner. Therefore, all of these observations were made from an adjacent property.

- Target Berm: A target berm was observed approximately 25 yards from the west bank of West Canada Creek. The target berm was a wall approximately 9 inches thick, 10 feet tall, and 30 yards long. Four metal rods, which likely served as pulleys for the targets, were attached to the back of the wall. This agrees with historical documents that indicated the range had four targets.

- Backstop: Across West Canada Creek is a hill with very steep slopes. It is likely that this is the hill near Kast Bridge referenced in the lease as the range backstop. The hill was forested.

- Firing Line: No physical evidence of the firing line was found; however, based on the orientation of the target berm it appeared that firing occurred from west to east. This agrees with information obtained from Elmer Smith, a retired guardsman, who indicated firing used to occur over the highway and the creek. As a result, it is likely that the former firing line is currently within residential property and farmland.

The SDZ applied and depicted on Figure 19-1 is based on a typical safety fan for a 1,000-yard known distance rifle range, in accordance with Army TM 9-855 [TM 9-855, 1951]. The fan covers impacts of .22-, .30-, and .45-cal ammunition [TM 9-855, 1951]. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs north to south and crosses the firing direction east of the target butts. The top of the ridge is elevated approximately 100 feet above the firing line, which is steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated at the ridge which is approximately 3035 feet east of the farthest firing line. Based on this SDZ, the MRS encompasses approximately 73 acres.

All supporting historical documents and interview logs are provided in Appendix C of this report. The photograph log is included in Section 19.5.

19.3 Mohawk Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Mohawk Rifle Range.

Table 19-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Mohawk Rifle Range	Ms.	Perkins	Susan	Executive Director	Herkimer County Historical Society
Phone	315-866-6413		Address	400 North Main Street	
DSN					
Fax					
Email	herkimerhistory@yahoo.com			Herkimer, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Mohawk Rifle Range	Mr.	Smith	Elmer	Retired National Guardsman	NYARNG
Phone	315-866-4488		Address	Unknown	
DSN					
Fax					
Email	Unknown			Unknown, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Mohawk Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil			Latham, New York	

The Mohawk Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 19-3: MRS Table			
NDNODS Name	MRS Name	Status	
Mohawk Rifle Range	Mohawk Rifle Range	Transferred	
Range Description			
The Mohawk Rifle Range (RRNY000017) was a small arms range used by the NYARNG from 1907 to 1959. This MRS, which consists of approximately 73 acres in Herkimer, NY, is located on privately-owned property. The site is bounded by West Canada Creek and mountains to the east and undeveloped land to the north, south, and west.			
MRS ID			
RRNY000017			
UTM Zone	UTM X	UTM Y	Construction Year
18	501287.06	4767433.2	1907
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Agricultural w/ Housing	1960		
Historic Uses	Start Year	End Year	
Small Arms	1907	1959	

UTM = Universal Transverse Mercator

The Mohawk Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 19-4: Munitions Table		
NDNODS Name	MRS Name	
Mohawk Rifle Range	Mohawk Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1907	1959

The Mohawk Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 19-5: Ownership Table				
NDNODS Name	MRS Name			
Mohawk Rifle Range	Mohawk Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	The property where the former range was located consists of five privately-owned parcels.	Transfer	1960	NA

The Mohawk Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 19-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Mohawk Rifle Range	Mohawk Rifle Range	NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Mohawk Rifle Range Demographics Table provides information on MRS demographics.

Table 19-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Mohawk Rifle Range	Mohawk Rifle Range	City	Herkimer	New York	USA

The Mohawk Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 19-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Mohawk Rifle Range	Mohawk Rifle Range	According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
30	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

19.4 Mohawk Rifle Range Notes

There are no additional notes for Mohawk Rifle Range.

19.5 Mohawk Rifle Range Interview and Photograph Logs

Table 19-9: Interviews		
Name	Title	Interview
Perkins, Susan	Executive Director	Susan Perkins, Executive Director of the Herkimer County Historical Society, was contacted to find out if she had any information regarding the Mohawk Rifle Range. According to Ms. Perkins, there was a range located in Herkimer used by the NYARNG Co. I 10th Infantry. There were four targets; two with 200-yard firing lines and two with 400-yard firing lines. Ms. Perkins sent a copy of a 1907 newspaper article and a 1906 map that gave the range location. Ms. Perkins also indicated that we should contact Elmer Smith, a retired guardsman, for additional information.
Smith, Elmer	Retired National Guardsman	Elmer Smith, retired NYARNG member, was contacted to determine if had any information regarding this range. Mr. Smith indicated that he joined the NYARNG in 1939 and served for 42 years. He had used the Mohawk Rifle Range, which he said was called the Kast Bridge Range. Mr. Smith stated they would fire over the highway as well as across the creek.



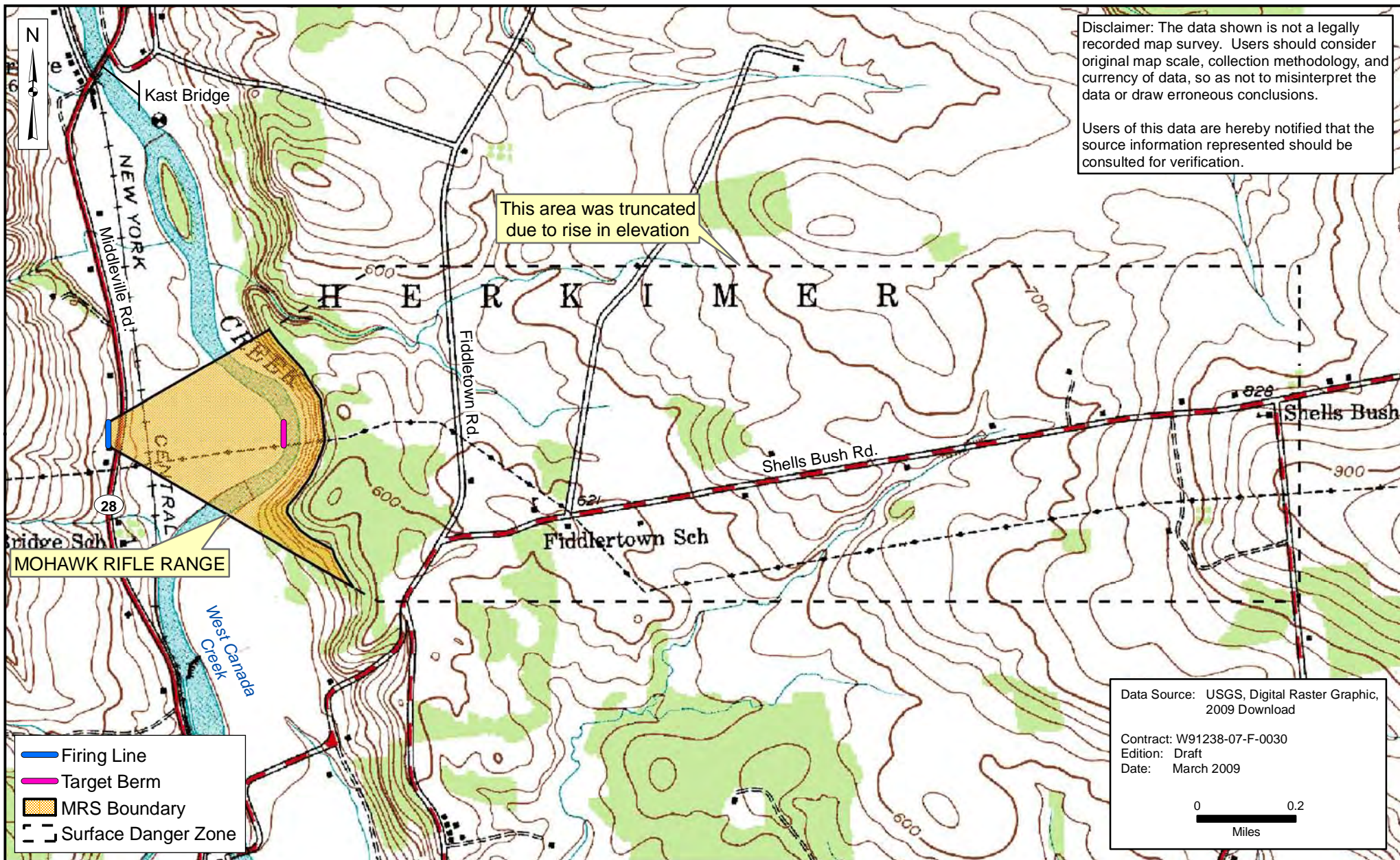
Photograph 1: View east towards target berm partially covered with snow
(9 December 2008)
Mohawk Rifle Range (RRNY000017)



Photograph 2: View northeast towards West Canada Creek and hill used as backstop
(9 December 2008)
Mohawk Rifle Range (RRNY000017)



Photograph 3: View west from banks of West Canada Creek towards back of target berm showing target pulley rods at back of wall
(9 December 2008)
Mohawk Rifle Range (RRNY000017)



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Figure 19-1
Mohawk Rifle Range (RRNY00017)

20.0 OGDENSBURG RIFLE RANGE

20.1 Ogdensburg Rifle Range Summary

20.1.1 Ogdensburg Rifle Range Overview and Description

The former Ogdensburg Rifle Range (also known as the Ogdensburgh Rifle Range) is located on NYS-owned property in the City of Ogdensburg, NY. As shown on Figure ES-1, Ogdensburg is located in the north-central portion of NY on the Canadian border. The only NDNODS eligible MRS identified at this site is a former small arms range. The area where the range was located is currently occupied by a NYS prison, and no evidence of a former range was found during the site field visit.

20.1.2 Ogdensburg Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in documents obtained from the National Archives. These documents, which included NYARNG correspondence, a lease agreement, and Annual AG Reports, identified a rifle range used by the NYARNG in either Oswegatchie or Ogdensburg, NY. The site location was obtained from information contained in the lease as well as information obtained from a Senior Tax Map Technician/Geographic Information System (GIS) Coordinator from the St. Lawrence Tax Agency.

A field site visit to the former range was conducted on 15 October 2008. During the site visit, the NYARNG NDNODS Team walked the perimeters of the Riverview and Ogdensburg Correctional Facilities. To document the results of the site visit, the NDNODS team took field notes and photographs and recorded coordinates of the site with a GPS unit. Refer to Section 20.5 for the photograph log.

20.1.3 Ogdensburg Rifle Range Critical Data Sources

Critical data sources for the Ogdensburg Rifle Range include a 1925 NYARNG Report of Inspection for the range (NY0039), which contains a description of the range, a 1925 lease (NY0039) that includes sufficient information to locate the general area of the range, and two historical maps. According to the lease, the range was leased from the Ogdensburg City Hospital & Orphan Asylum. The historical maps, an 1896 Atlas Map (NY0231) and a 1905 Ogdensburg USGS quadrangle, show the location of the property owned by the lessor.

20.2 Ogdensburg Rifle Range MRS Data

Table 20-1 provides a brief summary of each MRS associated with Ogdensburg Rifle Range.

Table 20-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Ogdensburg Rifle Range	RRNY000018	Transferred	State	Prison	Access Control - Guards	7.00
Total Acreage						7.00

20.2.1 Ogdensburg Rifle Range Summary

The Ogdensburg Rifle Range MRS was located in Ogdensburg, NY. The site location was obtained from information contained in the lease as well as information obtained from a Senior Tax Map Technician/GIS Coordinator from the St. Lawrence Tax Agency. Based on this information it was determined that the former range was located at the current site of one of two NYS-prisons. These prisons, which include the Riverview Correctional Facility at the intersection of Acco Way and Tibbitts Drive and the Ogdensburg Correctional Facility at One Correction Way, are located across the street from each other.

The site was located on seven acres of farmland leased from the Ogdensburg City Hospital & Orphan Asylum, in Ogdensburg, NY. According to the lease, the property used for the range was 100 feet wide and 3,200 feet long. The MRS acreage is based on the boundary of the lessor's property as shown on a 1896 map. The range, which had three targets with 200 to 1,000 yard firing lines, was used by NYARNG machine gun (MG) Co. M 108th Infantry for pistol and MG practice from 1889 to 1931. The start date is based on Annual AG Reports. This range is mentioned in an 1889 report, but is not mentioned in an 1885 report.

During a 1925 NYARNG inspection, it was indicated that the range had been used a maximum of 20 times that season. The inspector noted that the range was unsafe for its current use since the range, along with its facilities, was in poor condition. Repairs to the concrete pits and wooden cover, range house, and butts, along with replacement of rotted timbers and metal plates in the bullet deflector were deemed necessary before the range would be safe for use. In a 1929 Record of Communication to the War Department, the NYARNG indicated that the lease for this range would not be renewed and that the range would be moved to another location. It is unlikely that another range was constructed since a range in Ogdensburg is not referenced in any AG Reports after 1931.

According to the 1925 lease, this range was located on property leased from the Ogdensburg City Hospital & Orphan Asylum. Based on historical maps, the Ogdensburg City Hospital & Orphan Asylum owned land located both north and south of Route 37, east of the current Ogdensburg-Prescott Bridge. It is unknown where the farmland used as a range was located on this property.

Currently, the Riverview Correctional Facility occupies the property south of Route 37, and the Ogdensburg Correctional Facility, located adjacent to and sharing property with the St. Lawrence Psychiatric Center, occupies the property north of Route 37. Until being converted into a prison in 1982, the site was occupied by the Ogdensburg State Asylum for the Insane and St. Lawrence State Hospital.

No evidence of the former range was observed during the 15 October 2008 site visit and no information regarding the layout of the range is available. Both properties appeared to have been completely redeveloped since use of the range. The site location is shown on Figure 20-1 and a photograph log is included in Section 20-5. All supporting documents and interview logs are provided in Appendix C of this report.

20.3 Ogdensburg Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Ogdensburg Rifle Range.

Table 20-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Ogdensburg Rifle Range	Mr.	Race	Jim	Senior Tax Map Technician/GIS Coordinator	St. Lawrence County Real Property Tax Service Agency
Phone	315-229-3231		Address	48 Court Street	
DSN					
Fax					
Email	JRace@co.st-lawrence.ny.us			Canton, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Ogdensburg Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Ogdensburg Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 20-3: MRS Table			
NDNODS Name	MRS Name	Status	
Ogdensburg Rifle Range	Ogdensburg Rifle Range	Transferred	
Range Description			
The Ogdensburg Rifle Range (RRNY000018) was a small arms range used by the NYARNG from 1894 to 1931. This MRS, which consists of approximately seven acres in Ogdensburg, NY, is located at the current site of the Riverview Correctional Facility and/or the Ogdensburg Correctional Facility.			
MRS ID			
RRNY000018			
UTM Zone	UTM X	UTM Y	Construction Year
18	465234.79	4952033.82	1894
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Prison	1932		
Historic Uses	Start Year	End Year	
Small Arms	1889	1931	

UTM = Universal Transverse Mercator

The Ogdensburg Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 20-4: Munitions Table

NDNODS Name	MRS Name	
Ogdensburg Rifle Range	Ogdensburg Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1889	1931

The Ogdensburg Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 20-5: Ownership Table

NDNODS Name	MRS Name			
Ogdensburg Rifle Range	Ogdensburg Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
State	This MRS is owned by NYS. Until being converted to a prison in 1982, the site was occupied by Ogdensburg State Asylum for the Insane and St. Lawrence State Hospital.	Transfer	1932	NA

The Ogdensburg Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 20-6: Land Use Restrictions Table

NDNODS Name	MRS Name		
Ogdensburg Rifle Range	Ogdensburg Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
Guards	Access Control	This MRS is currently occupied by two medium-security level prisons. The site is fenced and guarded.	RPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Ogdensburg Rifle Range Demographics Table provides information on MRS demographics.

Table 20-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Ogdensburg Rifle Range	Ogdensburg Rifle Range	City	Ogdensburg	New York	USA

The Ogdensburg Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 20-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name		MRS Name	
Ogdensburg Rifle Range		Ogdensburg Rifle Range	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, this MRS contains two NYS endangered plants, American Dragonhead (<i>Dracocephalum parviflorum</i>) and Clinton's Clubrush (<i>Trichophorum clintonii</i>).		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
15	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

20.4 Ogdensburg Rifle Range Notes

There are no additional notes for the Ogdensburg Rifle Range.

20.5 Ogdensburg Rifle Range Interview and Photograph Logs

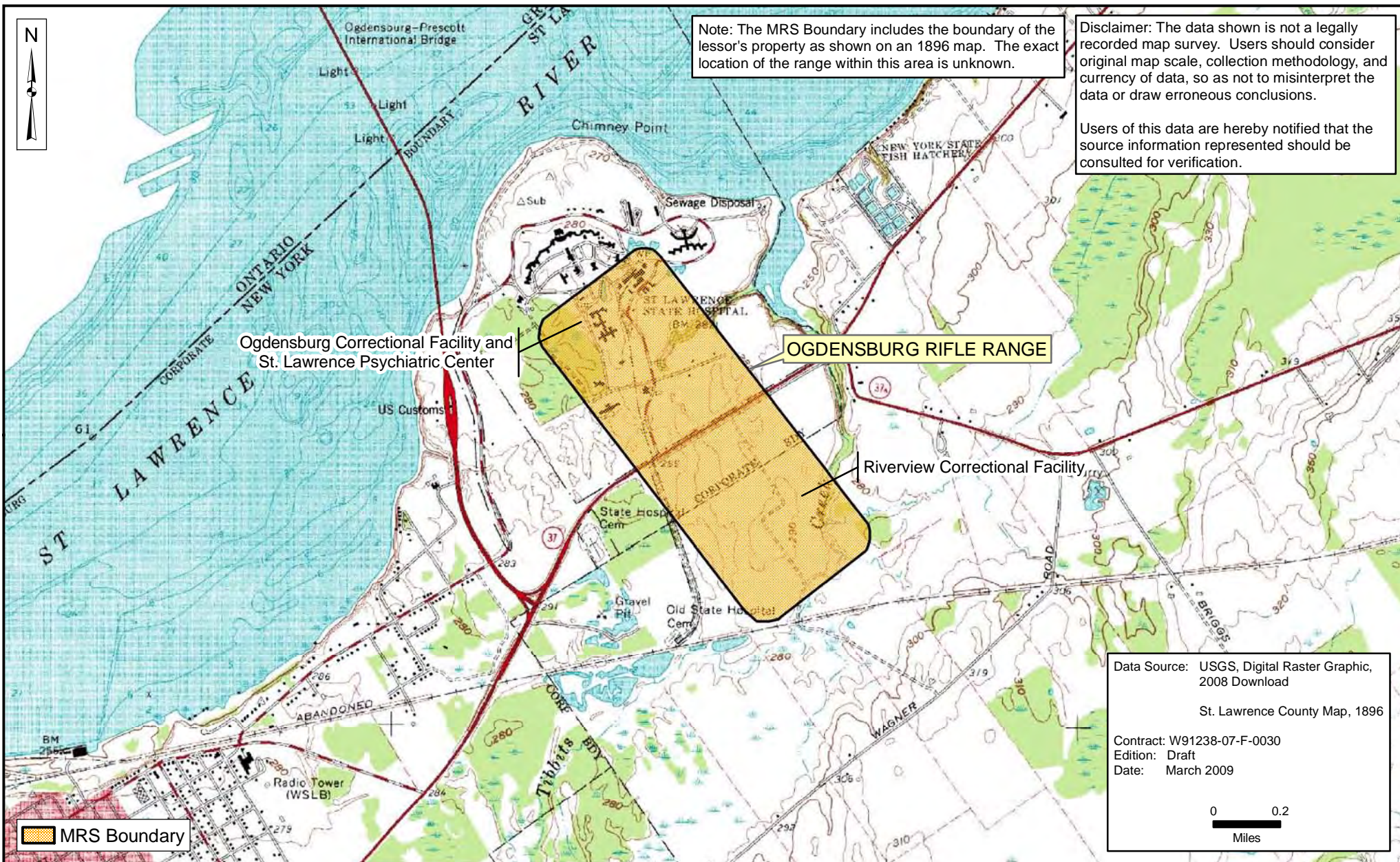
Table 20-9: Interviews		
Name	Title	Interview
Race, Jim	Senior Tax Map Technician/GIS Coordinator	<p>A request for information was emailed to the St. Lawrence tax agency on 9 September 2008 to see if they knew the former range location. On 10 September 2008, a reply was received from Jim Race, the Senior Tax Map Technician/GIS Coordinator. According to his email, Mr. Race's grandfather told him that the Ogdensburg Children's Asylum, which used to have a rifle range on it, was where the prison is currently located on State Highway 37. That property, now owned by NYS, is located in Ogdensburg and the parcel numbers are 48.002-1-1.11, 1.12 & 1.2. Jim had an 1896 Map of the County that lists property owners. A copy of this map was sent to Malcolm Pirnie.</p> <p>By comparing landmarks on the 1896 map to landmarks on current maps, it was determined that the property was located both north and south of Route 37, east of the current Ogdensburg-Prescott Bridge. Currently, the Riverview Correctional Facility occupies the property south of Route 37, and the Ogdensburg Correctional Facility, located adjacent to and sharing property with the St. Lawrence Psychiatric Center, occupies the property north of Route 37. It should be noted that Jim believes the range was located south of Route 37.</p>



Photograph 1: View of the prison grounds of Ogdensburg Correctional Facility from the perimeter road (15 October 2008)
Ogdensburgh Rifle Range (RRNY000018)



Photograph 2: Typical view of St. Lawrence Psychiatric Center property and buildings (15 October 2008)
Ogdensburgh Rifle Range (RRNY000018)



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Figure 20-1
Ogdensburg Rifle Range (RRNY000018)

21.0 OLEAN TARGET RANGE (NEW)

21.1 Olean Target Range (new) Summary

21.1.1 Olean Target Range (new) Overview and Description

Two NYARNG small arms ranges have existed in Olean. The original range was used until 1891 when the property owner requested that the range be moved. The original range is discussed on the Ineligible Table in Appendix D under Olean Rifle Range (old). A new range was subsequently built and is discussed in this section.

The former Olean Target Range (new) is located on privately-owned property in the City of Olean, Cattaraugus County, NY. As shown on Figure ES-1, Olean is located in the southwestern portion of NYS, at the confluence of Olean Creek and the Allegheny River, approximately five miles from the Pennsylvania border. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the area where the range was located is farmland, and no evidence of a former range was found during the site field visit.

21.1.2 Olean Target Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was identified by the NGB. Various documents describing this range, including lease agreements, Annual AG Reports, and NYARNG memoranda, were obtained during research at the National Archives. The site location was obtained from an interview with David Deckman, the City of Olean Historian.

The former range property is privately-owned; therefore, an ROE was signed and submitted by the owner on 28 November 2008. The site field visit was conducted on 3 December 2008. During the site visit, the NYARNG NDNODS team walked the area of the suspected former range (refer to Figure 21-1). To document the results of the site visit, the NDNODS team took field notes and photographs and recorded coordinates of the site with a GPS unit. Refer to Section 21.5 for the photograph log.

21.1.3 Olean Target Range (new) Critical Data Sources

Critical data sources for the Olean Target Range (new) include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information, a 1925 lease (NY0138) that includes sufficient information to locate the general area of the range, and a 1925 NYARNG memorandum (NY0138), which contains additional background information. The range location was obtained from David Deckman, a historian with the City of Olean.

21.2 Olean Target Range (new) MRS Data

Table 21-1 provides a brief summary of each MRS associated with Olean Target Range (new).

Table 21-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Olean Target Range (new)	RRNY000019	Transferred	Private	Agricultural w/o Housing	NA	4.25
Total Acreage						4.25

21.2.1 Olean Target Range (new) Summary

The Olean Target Range (new) MRS was located on approximately 4.25 acres of active farmland, adjacent to the former Olean Airport. The site is bounded by mountains to the south, East River Road to the north, and farmland to the west and east. According to Mr. David Deckman, a historian with the City of Olean, the range was located off East River Road on the Torrey farm. This location was confirmed during interviews with two local residents, Ms. Jeanne Ahrens and Mr. Phil Smith. The Torrey Farm is shown on two 2001 Title Search maps (NY0240) provided by Mr. Deckman.

The former range had four targets with raised firing points at 200, 300, 500, 600, 800, and 1,000 -yards. The property was generally level with a steep hill, which served as the backstop, immediately behind the targets. Firing occurred from north to south. This range was used by NYARNG Co. I 174th Infantry, the Eaton Rifle Club, and local Army Reserve officers. When local resident, Ms. Jeanne Ahrens, was a child, Co. I would march down East River Road on Sunday mornings to have gun practice. She said there was a cement wall and target racks on the range. Local resident, Mr. Phil Smith, knew of bunkers that had been on the property.

This range was used from 1904 to 1955. The start use date is based on a 1904 Annual AG Report, which indicates the range was constructed in 1904. The most recent Annual AG Report available, from 1955, lists this range as active. A web search was conducted for the Eaton Rifle Club; however, it does not appear that a gun club by that name is still present in Olean.

In 1946, the Olean City Engineer requested permission from the NYARNG to extend the airport's runway; the proposed extension would have intersected the rifle range at a point past the 300-yard firing line. It is unknown if the runway extension was completed; the airport was moved to a new location in 1959.

No evidence of the former range was observed during the 3 December 2008 site visit. A grass airstrip, approximately ½ mile long was observed north of the former range location. Currently, the property is used as farmland. The site location is shown on Figure 21-1 and a photograph log is included in Section 21.5. All supporting documents and interview logs are provided in Appendix C of this report.

21.3 Olean Target Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Olean Target Range (new).

Table 21-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Olean Target Range (new)	Mr.	Deckman	David	Historian	Bartlett House/Olean Point Museum
Phone	716-376-5642		Address	302 Laurens Street	
DSN					
Fax					
Email	ddeckman@cityofolean.org			Olean, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Olean Target Range (new)	Ms.	Ahrens	Jeanne		Local Resident
Phone	Unlisted		Address	Unlisted	
DSN					
Fax					
Email	Unlisted			Olean, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Olean Target Range (new)	Mr.	Smith	Phil		Local Resident
Phone	Unlisted		Address	Unlisted	
DSN					
Fax					
Email	Unlisted			Olean, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Olean Target Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN					New York State Division of Military and Naval Affairs
Fax					330 Old Niskayuna Road
Email	peter.jensen1@us.army.mil			Latham, New York	

The Olean Target Range (new) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 21-3: MRS Table			
NDNODS Name	MRS Name	Status	
Olean Target Range (new)	Olean Target Range (new)	Transferred	
Range Description			
The Olean Target Range (new) (RRNY000019) was a small arms range used by the NYARNG from 1904 to at least 1955. This MRS, which consists of 4.25 acres in Olean, NY, is located on privately-owned property currently used as farmland. The site is bounded by mountains to the south, East River Road to the north, and farmland to the west and east.			
MRS ID			
RRNY000019			
UTM Zone	UTM X	UTM Y	Construction Year
17	714791.12	4660097.76	1904
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Agricultural w/o Housing	1956		
Historic Uses	Start Year	End Year	
Small Arms	1904	1955	

UTM = Universal Transverse Mercator

The Olean Target Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 21-4: Munitions Table		
NDNODS Name	MRS Name	
Olean Target Range (new)	Olean Target Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1904	1955

The Olean Target Range (new) Ownership Table provides detailed information on MRS ownership.

Table 21-5: Ownership Table				
NDNODS Name	MRS Name			
Olean Target Range (new)	Olean Target Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is located on privately-owned farmland.	Transfer	1956	NA

The Olean Target Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 21-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Olean Target Range (new)	Olean Target Range (new)	NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Olean Target Range (new) Demographics Table provides information on MRS demographics.

Table 21-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Olean Target Range (new)	Olean Target Range (new)	City	Olean	New York	USA

The Olean Target Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 21-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Olean Target Range (new)	Olean Target Range (new)	According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
10	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

21.4 Olean Target Range (new) Notes

From an unknown date until 1891, a NYARNG rifle range was present in Olean at an unknown location. The site is known to be different, because there is record of the range being moved in 1891. Information regarding this range is included on the Ineligible Table in Appendix D under Olean Rifle Range (old).

21.5 Olean Target Range (new) Interview and Photograph Logs

Table 21-9: Interviews		
Name	Title	Interview
Deckman, David	Historian	David Deckman, a historian with the City of Olean, was contacted to obtain location information for the range. According to Mr. Deckman the range was located off East River Road on the Torrey farm. The NYARNG needed a 1,000 yard range and the farm had a large field that went to the edge of a big hill. Mr. Deckman does not believe that any remnants of the range remain. Mr. Deckman also suggested contacting the son of the owner of the property where the airport used to be located to see if he has any additional information.
Ahrens, Jeanne		Jeanne Ahrens, a long-time resident of Olean, was contacted to determine if she had any information regarding the former range. According to Ms. Ahrens, the range was located on property that used to be known as the Barse farm; this property was subsequently purchased by the Torrey's (note that both of these names appear in NYARNG documents). The Torrey farm and the Ahrens farm were adjacent to each other. The range was located on the side of a hill near the runway of the old airport. When Ms. Ahrens was a child, on Sunday mornings Company I would march down East River Road to the range and have gun practice. She said there was a cement wall and racks with targets on them; as a child she used to find shells on the range.
Smith, Phil		Phil Smith, a resident of Olean, was contacted to determine if he had any information regarding the former range. Mr. Smith indicated that the range was located approximately 800 to 1,000 feet from East River Road. He believes that bunkers may still be present on the property. He also believes use of the range was discontinued in 1955.



Photograph 1: View south from East River Road
(3 December 2008)
Olean Target Range (RRNY000019)



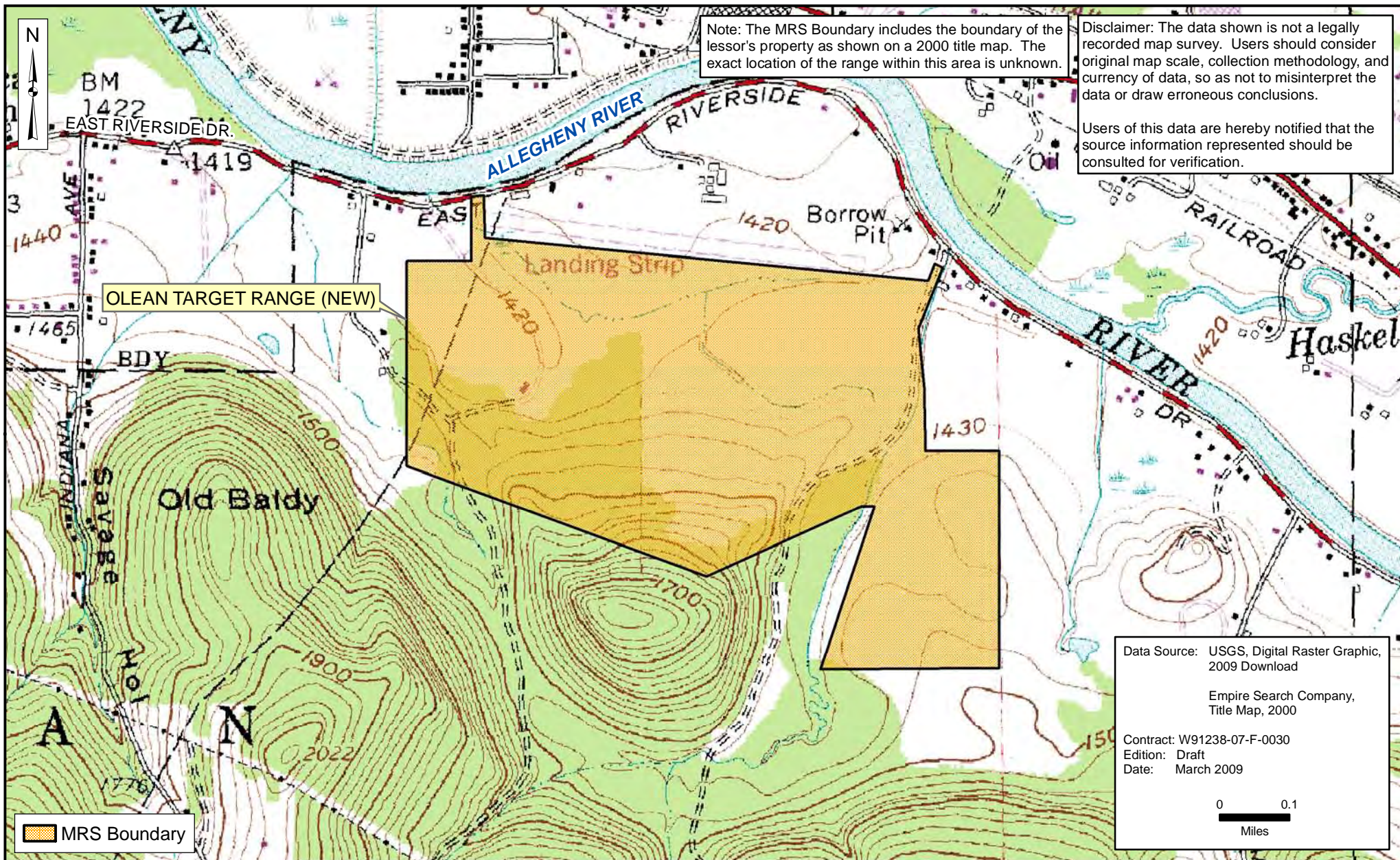
Photograph 2: View west, from East River Road north of air strip
(3 December 2008)
Olean Target Range (RRNY000019)



Photograph 3: View west of grass air strip
(3 December 2008)
Olean Target Range (RRNY000019)



Photograph 4: View north from southeastern corner of site
3 December 2008
Olean Target Range (RRNY000019)



Note: The MRS Boundary includes the boundary of the lessor's property as shown on a 2000 title map. The exact location of the range within this area is unknown.

Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Raster Graphic, 2009 Download

Empire Search Company, Title Map, 2000

Contract: W91238-07-F-0030

Edition: Draft

Date: March 2009

0 0.1 Miles



National Guard Bureau
 Non-DoD Owned Non-Operational Defense Sites Inventory
 New York



Figure 21-1
Olean Target Range (new) (RRNY000019)

22.0 ONEIDA RANGE

22.1 Oneida Range Summary

22.1.1 Oneida Range Overview and Description

The former Oneida Range is located in the City of Oneida, Madison County, NY, on city-owned and privately-owned property. As shown on Figure ES-1, Oneida is located in central NYS between Syracuse and Utica. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently the former range location is occupied by several residences as well as a reservoir, and no evidence of a former range was found during the site field visit.

22.1.2 Oneida Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was identified by the NGB. Various documents describing this range, including lease agreements, Annual AG Reports, and NYARNG correspondence were obtained during research at the National Archives. The site location was determined based on the description in the lease agreement as well as information obtained from the City of Oneida mayor.

The property where the former range was located consists of one city-owned parcel and three privately-owned parcels. Access was only obtained for the city-owned parcel; therefore, one on-site and three off-site visits were conducted. The field site visits were conducted on 8 December 2008. To document the results of the site visit, the NDNODS team took field notes and photographs and recorded coordinates of the site with a GPS unit. Refer to Section 22.5 for the photograph log.

22.1.3 Oneida Range Critical Data Sources

Critical data sources for the Oneida Range include a 1937 letter from the NYARNG Assistant AG to the Commanding General (NY0107), which describes the range and a 1926 lease (NY0107) that gives the range location. Interviews were also conducted with Peter Hedglon (Mayor of Oneida) and the property owner.

22.2 Oneida Range MRS Data

Table 22-1 provides a brief summary of each MRS associated with Oneida Range.

Table 22-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Oneida Range	RRNY000020	Transferred	Local Government, Private	Residential - Single Family, Utility/ Ground Improvements	Access Control - Locked Gates, NA - NA	7.50
Total Acreage						7.50

22.2.1 Oneida Range Summary

The Oneida Range MRS was a small arms range located on approximately 7.5 acres in Oneida, NY. The range had two targets with 200 to 600-yard firing lines. Range structures included concrete butts, located at the foot of a 830-foot tall hill, a wooden marker's platform, and targets mounted on concrete piers. During a 30 June 1937 inspection safety violations were found on the range since the safety zone encroached on Oneida Country Club property and a barn. As a result, a new backstop was built. A re-inspection of the range on 26 October 1937 indicated that the range was now safe to fire on.

This range was used by the NYARNG Co. K, 10th Infantry from 1933 to 1965. In a 1963 letter to the Chief of the NGB, the NYARNG requested that the lease for this range be extended through 30 June 1965, with an option to renew until 30 June 1969. It is unknown if the lease was extended.

According to historical documents, this range was located near a reservoir, on property west of the Oneida Country Club Golf Course. The Oneida Country Club and the reservoir are still in existence. Based on this, it was determined that the former range was located on property owned by the City of Oneida. The site is bounded by Oneida Country Club to the east, undeveloped land to the west, Seneca Turnpike to the north, and residences to the south.

When Peter Hedglon, the Mayor of Oneida, was contacted to schedule the site field visit, he indicated that an individual (unnamed) in his office believes the former range may be located wholly or partially on an adjacent private property. The owner of the private property was contacted and he stated that there was an old lease for his property with the NY State Armory. However, he denied that the range was ever located on his parcel. Instead, he indicated that bunkers associated with the former range were located on an adjacent property.

Although a layout map of the range is available, the detail given is insufficient to determine the orientation of the range. However, historical information indicates that the butts were constructed at the base of an 830-foot tall hill. Therefore, based on the surrounding topography, it is likely that firing occurred from north to south.

No evidence of the former range was observed during the 8 December 2008 site visit. Currently, this site consists of property owned by the Oneida Water Department and privately-owned residential properties. The city-owned property contains a reservoir, along with several above ground water storage tanks. The site location is shown on Figure 22-1 and a photograph log is included in Section 22.5. All supporting documents and interview logs are provided in Appendix C of this report.

22.3 Oneida Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Oneida Range.

Table 22-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneida Range	Mr.	Hedglon	Peter	Mayor	City of Oneida Mayor's Office
Phone	315- 361-1921		Address	109 N. Main Street	
DSN					
Fax					
Email	Unknown			Oneida, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneida Range		Individual	Private		Residential Property Owner
Phone	Unknown		Address	Unlisted	
DSN					
Fax					
Email	Unknown			Oneida, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneida Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN					New York State Division of Military and Naval Affairs
Fax					330 Old Niskayuna Road
Email	peter.jensen1@us.army.mil			Latham, New York	

The Oneida Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 22-3: MRS Table				
NDNODS Name	MRS Name		Status	
Oneida Range	Oneida Range		Transferred	
Range Description				
The Oneida Range (RRNY000020) was a small arms range used by the NYARNG from 1933 to at least 1965. According to the lease, this range was located on 7.5 acres. Currently, this site consists of property owned by the Oneida Water Department and privately-owned residential properties. The city-owned property contains a reservoir, along with several above ground water storage tanks.				
MRS ID				
RRNY000020				
UTM Zone	UTM X	UTM Y	Construction Year	
18	445361.61	4768761.62	1933	
Topography	Vegetation	Soil Type		
Heavily Rolling	Heavy Grass with Numerous Shrubs	Silt/Silty-Clay		
Current Use	Start Year			
Residential - Single Family	1966			
Utility/ Ground Improvements	1966			
Historic Uses	Start Year	End Year		
Small Arms	1933	1965		

UTM = Universal Transverse Mercator

The Oneida Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 22-4: Munitions Table		
NDNODS Name	MRS Name	
Oneida Range	Oneida Range	
Munitions Description	Start Year	End Year
Small Arms	1933	1965

The Oneida Range Ownership Table provides detailed information on MRS ownership.

Table 22-5: Ownership Table				
NDNODS Name	MRS Name			
Oneida Range	Oneida Range			
Ownership	Ownership Description	Type	Start Year	End Year
Local Government	A portion of this MRS is owned by the Oneida Water Department.	Transfer	1966	NA
Private	A portion of this MRS contains privately-owned residential properties.	Transfer	1966	NA

The Oneida Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 22-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Oneida Range	Oneida Range		
Restriction Type	Restriction	Restriction Description	Public Access
Locked Gates	Access Control	This MRS consists of property owned by the Oneida Water Department and privately-owned residential properties. The Oneida Water Department property contains the City's reservoir; this property has a perimeter fence and entrance gate.	LPA
NA	NA	This MRS consists of property owned by the Oneida Water Department and privately-owned residential properties. There are no barriers preventing access to any of the residential properties.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Oneida Range Demographics Table provides information on MRS demographics.

Table 22-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Oneida Range	Oneida Range	City	Oneida	New York	USA

The Oneida Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 22-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Oneida Range	Oneida Range		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
10	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

22.4 Oneida Range Notes

There are no additional notes for Oneida Range.

22.5 Oneida Range Interview and Photograph Logs

Table 22-9: Interviews		
Name	Title	Interview
Hedglon, Peter	Mayor	Tim Peck, USACE POC, spoke to Oneida Mayor Peter Hedglon regarding the schedule for the site field visit to the Oneida Water Department property. During this conversation Mayor Hedglon indicated that an individual (unnamed) in the City office stated that they believe the former range may be located either wholly or partially on an adjacent private property.
Individual, Private		This private property owner was contacted since an individual in the Oneida Mayor's office indicated the range may have been located on the private owner's property. The private property owner stated that he purchased the property in 1987. At that time he wrote to NYS to obtain historical information about his property. The information he received revealed that there was an old lease for his property with the NY State Armory, However, he denied that the range was ever located on his parcel. Instead, he indicated that bunkers associated with the former range were located on an adjacent property.



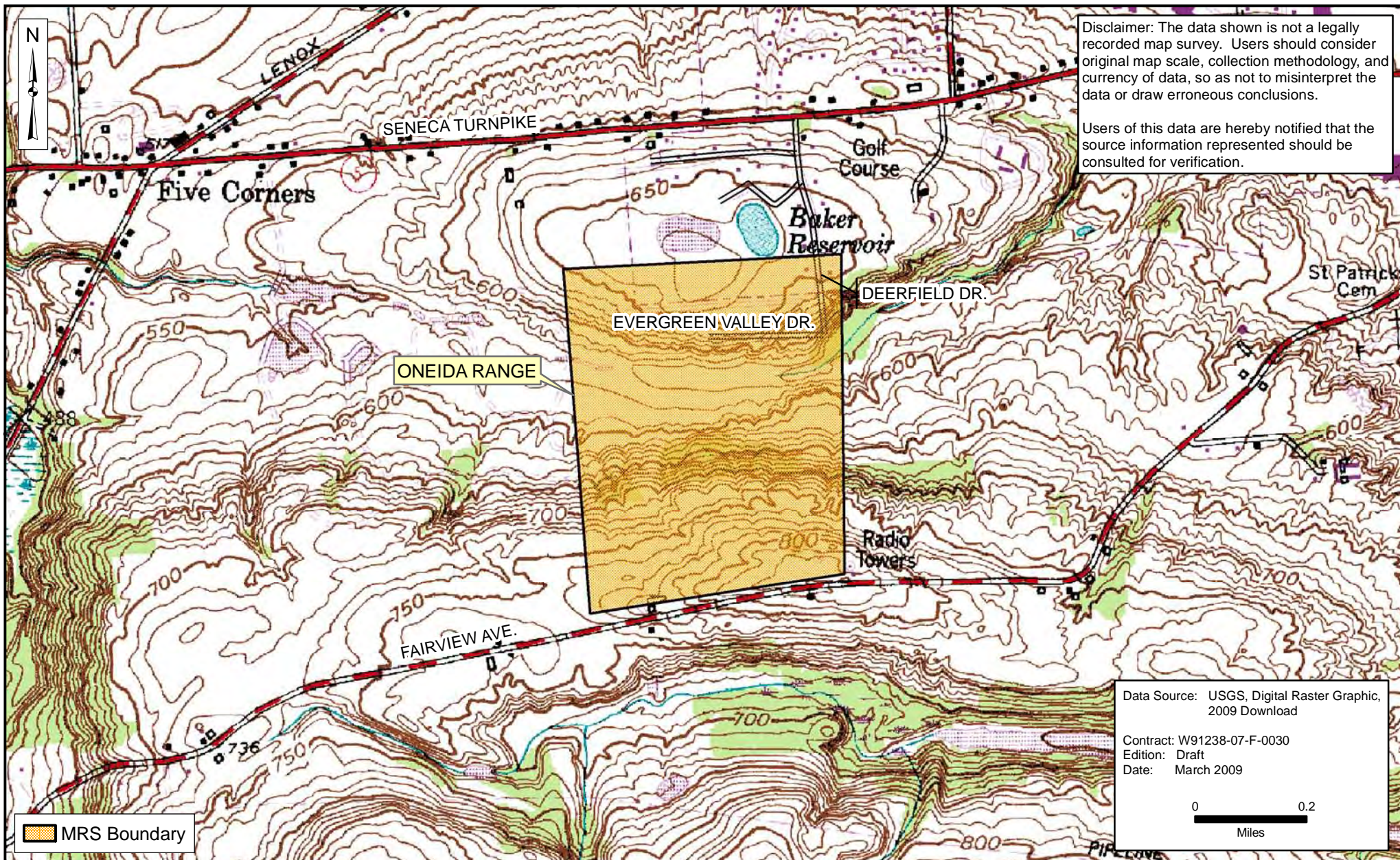
Photograph 1: View west from drive leading to the gated entrance onto the reservoir property
(8 December 2008)
Oneida Range (RRNY000020)



Photograph 2: View south into the reservoir property from outside the gated entrance
(8 December 2008)
Oneida Range (RRNY000020)



Photograph 3: View east on Evergreen Valley Drive; the 1147 and 1169 Evergreen Valley Drive properties are in the background
(8 December 2008)
Oneida Range (RRNY000020)



Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Raster Graphic, 2009 Download
 Contract: W91238-07-F-0030
 Edition: Draft
 Date: March 2009



MRS Boundary



National Guard Bureau
 Non-DoD Owned Non-Operational Defense Sites Inventory
 New York

MALCOLM
 PIRNIE



Figure 22-1
 Oneida Range (RRNY000020)

23.0 ONEONTA RIFLE RANGE (OLD)

23.1 Oneonta Rifle Range (old) Summary

23.1.1 Oneonta Rifle Range (old) Overview and Description

Three ranges have existed in Oneonta. The first, called Oneonta Range (original), was used until 1900 and is discussed on the Ineligible Table in Appendix D. The second range, discussed in this section as Oneonta Rifle Range (old), was built in 1900 and was used until 1936. Use of the Oneonta Rifle Range (old) was discontinued when a lease for the new range was signed. The new range, which was used until at least 1952, is discussed on the Ineligible Table in Appendix D under Oneonta Range (new).

The former Oneonta Rifle Range (old) is located in the City of Oneonta, Otsego County, NY, on property owned by the Oneonta School District. As shown on Figure ES-1, Oneonta is located in central NYS between Binghamton and Albany. The only NDNODS eligible MRS identified at this site is a former rifle range. During the site field visit structures/features associated with the range, including the target berm and backstop, were observed.

23.1.2 Oneonta Rifle Range (old) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included Annual AG Reports, NYARNG correspondence, and lease agreements, identified a rifle range used by the NYARNG in Oneonta, NY. The site location was obtained from a member of the Oneonta Sportsmen's Club.

An ROE was signed and submitted by the Oneonta School District on 23 October 2008 and a field site visit to the former range was conducted on 4 December 2008. During the site visit, the NYARNG NDNODS team walked the area of the range and structures associated with the former range were observed. Refer to Figure 23-1 for the range location and features. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 23.5 for the photograph log.

23.1.3 Oneonta Rifle Range (old) Critical Data Sources

Critical data sources for the Oneonta Rifle Range (old) include a 1923 lease (NY0131) that gives the approximate range location, a 1924 NYARNG memorandum (NY0131), which gives background information regarding the range, and a 1936 NYARNG letter (NY0131) that gives the range end use date. The range construction date was obtained from a 1900 newspaper article provided by the City of Oneonta Historian (NY0241) and the range location was obtained from an interview with a member of the Oneonta Sportsmen's Club.

23.2 Oneonta Rifle Range (old) MRS Data

Table 23-1 provides a brief summary of each MRS associated with Oneonta Rifle Range (old).

Table 23-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Oneonta Rifle Range (old)	RRNY000021	Transferred	Private	Schools/ Child Care Facilities	NA	204.00
					Total Acreage	204.00

23.2.1 Oneonta Rifle Range (old) Summary

The Oneonta Rifle Range (old) MRS was a small arms range with five targets and 200 to 1,000 yard firing lines. This range was used by the NYARNG Co. G, 10th Infantry Division from 1900 to 1936. The start use date is based on a 21 June 1900 Oneonta Herald newspaper article that reads, in part, "A new rifle range has been secured by Company G on the farm of Mrs. Moffett on lower Chestnut Street. The range is handy to the highway and trolley lines and will give better opportunities for practice than were afforded by the South Side range." The use of the Oneonta Range (original) was believed to have ended at the same time.

According to a 4 April 1936 letter from the NYARNG to the NGB, the Oneonta Rifle Range (old) was determined to be unsafe, because the area surrounding the range was becoming developed. The letter indicated that the firing point was now only 200 yards from the nearest residence; therefore, the NYARNG concluded there was a significant risk of injury or death to the public if use of the range continued. The range was subsequently relocated to a safer location. The new range is described in the Ineligible Table in Appendix D under Oneonta Range (new).

According to historical documents, this range was located near West End Avenue and Chestnut Street. A member of the Oneonta Sportsmen's Club indicated the range was located behind the Greater Plains Elementary School; the school is located at 60 West End Avenue. During the 4 December 2008 site walk, the following features associated with the former range were observed on a wooded section of land located north of the school.

- Target Berm: The target berm was a concrete wall between eight to ten inches thick and 60 feet long. The wall had failed (it appeared to have been mechanically pushed over) which prevented the height from being estimated. The number of targets associated with the range also could not be determined due to the collapse. A bunker likely used for protection for the target operators was present near the berm.

- Backstop: A one-foot thick concrete wall, used as the backstop, was observed approximately 150 feet north of the target berm. Bullet markings found on the backstop indicated the direction of fire was southwest to northeast. The back stop was approximately 90 feet long and 10 feet high.

- Firing Line: No physical evidence of the firing line was found; however, based on bullet markings found on the backstop it appeared that firing occurred from south to north.

The SDZ applied and depicted on Figure 23-1 is based on a typical safety fan for a 1,000-yard known distance rifle range, in accordance with TM 9-855, 1951. The fan covers impacts of .22-, .30-, and .45-cal ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs north to south and crosses the firing direction east of the target butts. The top of the ridge is elevated approximately 100 feet above the firing line, which is steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated at the ridge which is approximately 5,700 feet northeast from the furthest firing line. Based on this SDZ, the MRS encompasses approximately 204 acres.

Currently the former range location contains an elementary school, playgrounds, and a forested area with a nature trail. A picnic table and fire pit were observed in the woods, just west of the backstop. It also appeared that lumbering activities were occurring within the forest.

All supporting historical documents and interview logs are provided in Appendix C of this report. The photograph log is included in Section 23.1.

23.3 Oneonta Rifle Range (old) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Oneonta Rifle Range (old).

Table 23-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneonta Rifle Range (old)	Mr.	Tighe	Tom	Member	Oneonta Sportsmen's Club
Phone	607-433-0515		Address	251 Rod and Gun Club Road	
DSN					
Fax					
Email	ehnahman39@hughes.net		Oneonta, New York		
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneonta Rifle Range (old)	Mr.	Simonson	Mark	City Historian	Oneonta
Phone	607-432-3902		Address	13 Taft Avenue	
DSN					
Fax					
Email	simmark@stny.rr.com		Oneonta, New York		
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneonta Rifle Range (old)	Mr.	Shea	Michael	Superintendent	Oneonta City School District
Phone	607-433-8232		Address	189 Main Street	
DSN					
Fax					
Email	Oneonta, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Oneonta Rifle Range (old)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Oneonta Rifle Range (old) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 23-3: MRS Table

NDNODS Name	MRS Name	Status	
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)	Transferred	
Range Description			
The Oneonta Rifle Range (old) (RRNY000021) was a small arms range used by the NYARNG from 1900 to 1936. This MRS, which consists of 204 acres in the City of Oneonta, NY, is located on land owned by the Oneonta School District. The site is bounded by a stream to the west, a hill to the east, and residential properties to the south, and undeveloped land to the north.			
MRS ID			
RRNY000021			
UTM Zone	UTM X	UTM Y	Construction Year
18	492787.85	4701076.79	1900
Topography	Vegetation	Soil Type	
Flat	Forest	Silt/Silty-Clay	
Current Use	Start Year		
Schools/ Child Care Facilities	1937		
Historic Uses	Start Year	End Year	
Small Arms	1900	1936	

UTM = Universal Transverse Mercator

The Oneonta Rifle Range (old) Munitions Table provides detailed information on the munitions used on this MRS.

Table 23-4: Munitions Table

NDNODS Name	MRS Name	
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)	
Munitions Description	Start Year	End Year
Small Arms	1900	1936

The Oneonta Rifle Range (old) Ownership Table provides detailed information on MRS ownership.

Table 23-5: Ownership Table

NDNODS Name	MRS Name			
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is owned by the Oneonta School District	Transfer	1937	NA

The Oneonta Rifle Range (old) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 23-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS. This MRS is located in a forest with a nature trail and picnicing facilities.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Oneonta Rifle Range (old) Demographics Table provides information on MRS demographics.

Table 23-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)	City	Oneonta	New York	USA

The Oneonta Rifle Range (old) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 23-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Oneonta Rifle Range (old)	Oneonta Rifle Range (old)		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
10	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

23.4 Oneonta Rifle Range (old) Notes

Three ranges have existed in Oneonta. The first, called Oneonta Range (original), was used until 1900 and is discussed on the Ineligible Table in Appendix D. The second range, discussed in this section as Oneonta Rifle Range (old), was built in 1900 and was used until 1936. Use of the Oneonta Rifle Range (old) was discontinued when a lease for the new range was signed. The new range, which was used until at least 1952, is discussed on the Ineligible Table in Appendix D under Oneonta Range (new).

23.5 Oneonta Rifle Range (old) Interview and Photograph Logs

Table 23-9: Interviews		
Name	Title	Interview
Tighe, Tom	Member	An email was sent to Tom Tighe of the Oneonta Sportsmen's Club to determine if he knew where the Oneonta Rifle Range was located. Mr. Tighe's email response indicated, "I understand from our club president that in the late 30's there was a National Guard rifle range behind the Greater Plains Elementary School on West End Avenue, Oneonta. Our rifle range was not completed until the early 90's. I am sorry but I am unable to provide you with more information than this."
Simonson, Mark	City Historian	An email was sent to Mark Simonson, the City of Oneonta Historian, requesting background information on the rifle range. According to Mr. Simonson's reply email he was told there is a very large concrete wall behind the Greater Plains School that may have been part of a firing range. In addition, Mr. Simonson has a copy of a 21 June 1900 Oneonta Herald article that reads, in part, "A new rifle range has been secured by Company G on the farm of Mrs. Moffett on lower Chestnut Street. The range is handy to the highway and trolley lines and will give better opportunities for practice than were afforded by the South Side range." It should be noted that Mr. Simonson indicated that the name of the family who owned the property where the range was located is Moffat, not Moffett, as given in the newspaper article.
Shea, Michael	Superintendent	Michael Shea, the Oneonta City School District Superintendent, was contacted to inform him about the upcoming site visit. During this conversation, Mr. Shea indicated that he went to the former range property a few weeks ago and he observed a wall with bullet holes in it.



Photograph 1: View east of collapsed target berm wall
(4 December 2008)
Oneonta Rifle Range(old) (RRNY000021)



Photograph 2: View facing west along backstop wall
(4 December 2008)
Oneonta Rifle Range (old) (RRNY000021)



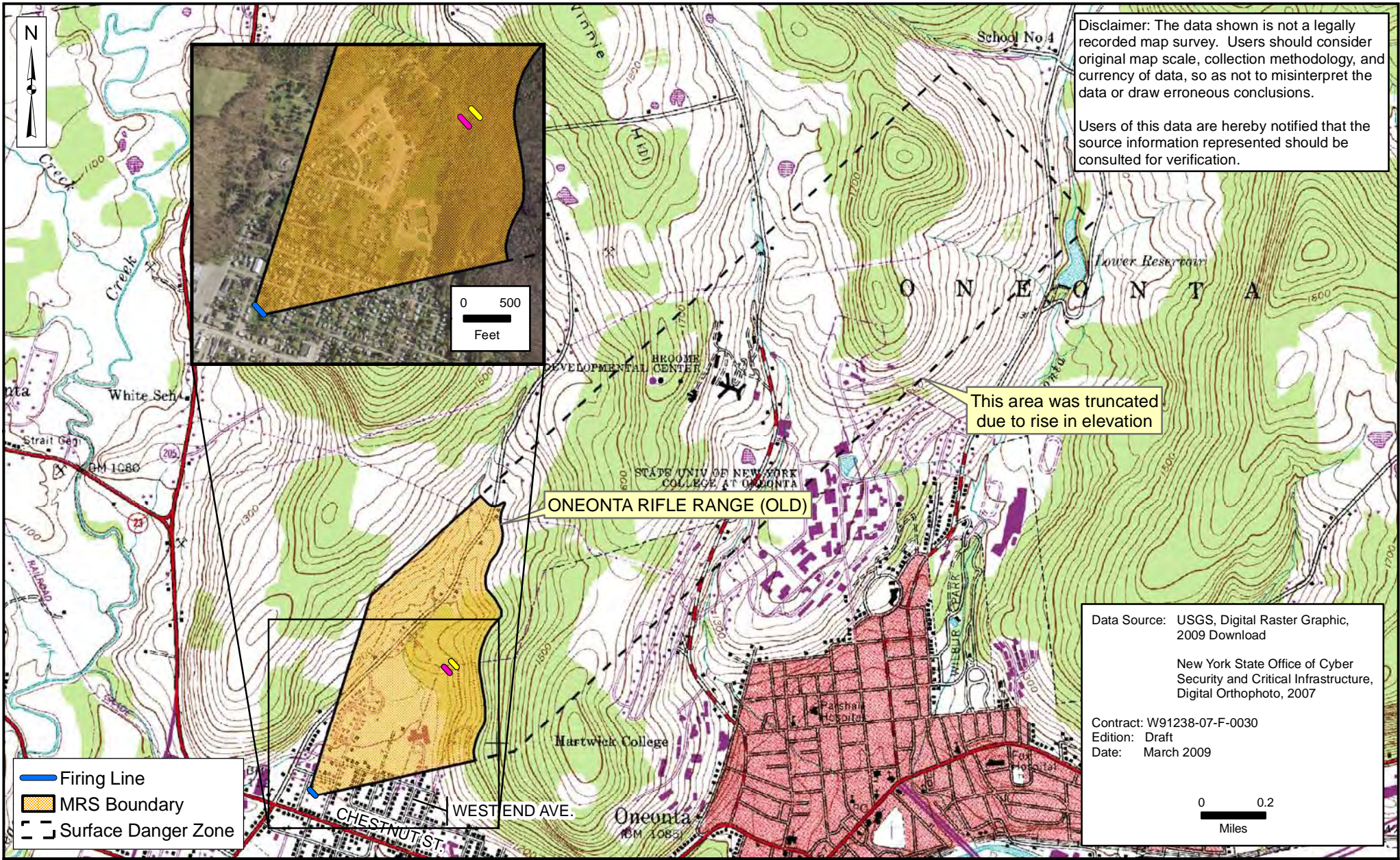
Photograph 3: View facing east of backstop wall showing bullet markings
(4 December 2008)
Oneonta Rifle Range (old) (RRNY000021)



Photograph 4: View facing north to back stop wall
(4 December 2008)
Oneonta Rifle Range(old) (RRNY000021)



Photograph 5: View of picnic tables located approximately 30 yards west from backstop wall
(4 December 2008)
Oneonta Rifle Range (old) (RRNY000021)



National Guard Bureau
 Non-DoD Owned Non-Operational Defense Sites Inventory
 New York

Figure 23-1
Oneonta Rifle Range (old) (RRNY000021)



24.0 POUGHKEEPSIE RIFLE RANGE

24.1 Poughkeepsie Rifle Range Summary

24.1.1 Poughkeepsie Rifle Range Overview and Description

The former Poughkeepsie Rifle Range is located on property owned by Morgan Manor, LLC, at Titusville Road in the Town of LaGrange, Dutchess County, NY. As shown on Figure ES-1, LaGrange is located adjacent to the City of Poughkeepsie in the Hudson River Valley, midway between Peekskill and Albany. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the former range is a mix of forest and farmland, and no evidence of the former range was found during the site field visit.

24.1.2 Poughkeepsie Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in documents obtained from the National Archives. These documents, which included lease agreements, Annual AG Reports, and a NYARNG memorandum, identified a rifle range used by the NYARNG near Poughkeepsie, NY. The general site location was obtained from a description in a lease agreement while the actual location, 84 Titusville Road, was obtained from an interview with a historian at the Dutchess County Historical Society.

An ROE was sent to the owner; however, the owner did not respond to the access request. Therefore, a street survey for the former range was conducted on 11 December 2008. A large portion of the property was wooded; therefore, visibility was limited (refer to Figure 24-1). No evidence of a former range was found during the site visit. To document the results of the site visit, the NDNODS team took field notes and photographs and recorded coordinates of the site with a GPS unit. Refer to Section 24.5 for the photograph log.

24.1.3 Poughkeepsie Rifle Range Critical Data Sources

Critical data sources for the Poughkeepsie Rifle Range include 1876 and 1877 AG Reports (NY0165 and NY0166), which indicate the range was established in 1875, a 1930 lease (NY0053) that gives the approximate range location and acreage, and a 1925 NYARNG memorandum (NY0053), which includes background information.

The range location was obtained during an interview with Steven Mann, a historian with the Dutchess County Historical Society. The description of the range location in the lease was given to Mr. Mann, who indicated the description matched that of the old Cornell farm on Titusville Road. This is corroborated by the lease, which was with Peter Cornell. According to Mr. Mann, the property is still a farm.

24.2 Poughkeepsie Rifle Range MRS Data

Table 24-1 provides a brief summary of each MRS associated with Poughkeepsie Rifle Range.

Table 24-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Poughkeepsie Rifle Range	RRNY000022	Transferred	Private	Agricultural w/ Housing	NA	5.00
					Total Acreage	5.00

24.2.1 Poughkeepsie Rifle Range Summary

The Poughkeepsie Rifle Range was located on a five acre strip of land, 25 yards wide by 950 yards long, in LaGrange, NY. This MRS was located east of Wappinger’s Creek, approximately five miles east of the City of Poughkeepsie, midway between the Villages of Manchester Bridge and Titusville. The range, which had four targets with 200 to 800 yard firing lines, was used by the NYARNG Battery C, 156th Artillery and artillery units in Newburg. Structures on the range included a range house, target pit with sliding frames, and earthen backstop. Reportedly, the NYARNG also camped at this site, especially during revolver season.

It is estimated that this range was used from 1875 to 1935. According to a 1925 NYARNG memorandum, the range had been in use for approximately 10 years. This is contradicted by an 1876 Annual AG Report which indicated that the range was built in 1875. It is unknown if the discrepancy in the range construction date is due to the presence of more than one range in the Poughkeepsie area, or if the memorandum information is incorrect. This range is listed as active in a 1935 Annual AG Report, but is not in the next available AG Report from 1940.

The exact boundary of the range is unknown and a site layout map is not available. The site boundary shown on Figure 24-1 includes the tax map boundaries for each parcel identified as potentially containing the former range. The exact location of the range within this area is unknown. No evidence of the former range was observed during the 11 December 2008 site visit. However, due to the vegetation, visibility from the road was limited for that portion of the property near the intersection of Philips and Titusville Roads. Visibility was good for the rest of the property, which was farmland. The site location is shown on Figure 24-1 and a photograph log is included in Section 24.5. All supporting documents and interview logs are provided in Appendix C of this report.

24.3 Poughkeepsie Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Poughkeepsie Rifle Range.

Table 24-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Poughkeepsie Rifle Range	Mr.	Mann	Steven	Historian	Dutchess County Historical Society
Phone	845-471-1630		Address	P.O. Box 88	
DSN					
Fax					
Email	dchistorical@verizon.net			Poughkeepsie, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Poughkeepsie Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil			Latham, New York	

The Poughkeepsie Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 24-3: MRS Table			
NDNODS Name	MRS Name	Status	
Poughkeepsie Rifle Range	Poughkeepsie Rifle Range	Transferred	
Range Description			
The Poughkeepsie Rifle Range (RRNY000022) was a small arms range used by the NYARNG from 1875 to at least 1935. This MRS, located on approximately five acres in La Grange, NY, is currently a mix of forest and farmland. According to the lease, this range was 25 yards wide by 950 yards long. The range is bounded by Wappinger's Creek to the west, residences to the south, and farmland and undeveloped property to the north and east.			
MRS ID			
RRNY000022			
UTM Zone	UTM X	UTM Y	Construction Year
18	594029.56	4614222.08	1875
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Agricultural w/ Housing	1936		
Historic Uses	Start Year	End Year	
Small Arms	1875	1935	

UTM = Universal Transverse Mercator

The Poughkeepsie Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 24-4: Munitions Table

NDNODS Name	MRS Name	
Poughkeepsie Rifle Range	Poughkeepsie Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1875	1935

The Poughkeepsie Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 24-5: Ownership Table

NDNODS Name	MRS Name			
Poughkeepsie Rifle Range	Poughkeepsie Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is located on privately-owned farmland.	Transfer	1936	NA

The Poughkeepsie Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 24-6: Land Use Restrictions Table

NDNODS Name	MRS Name		
Poughkeepsie Rifle Range	Poughkeepsie Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Poughkeepsie Rifle Range Demographics Table provides information on MRS demographics.

Table 24-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Poughkeepsie Rifle Range	Poughkeepsie Rifle Range	City	LaGrange	New York	USA

The Poughkeepsie Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 24-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name		MRS Name	
Poughkeepsie Rifle Range		Poughkeepsie Rifle Range	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
70	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

24.4 Poughkeepsie Rifle Range Notes

There are no additional notes for the Poughkeepsie Rifle Range.

24.5 Poughkeepsie Rifle Range Interview and Photograph Logs

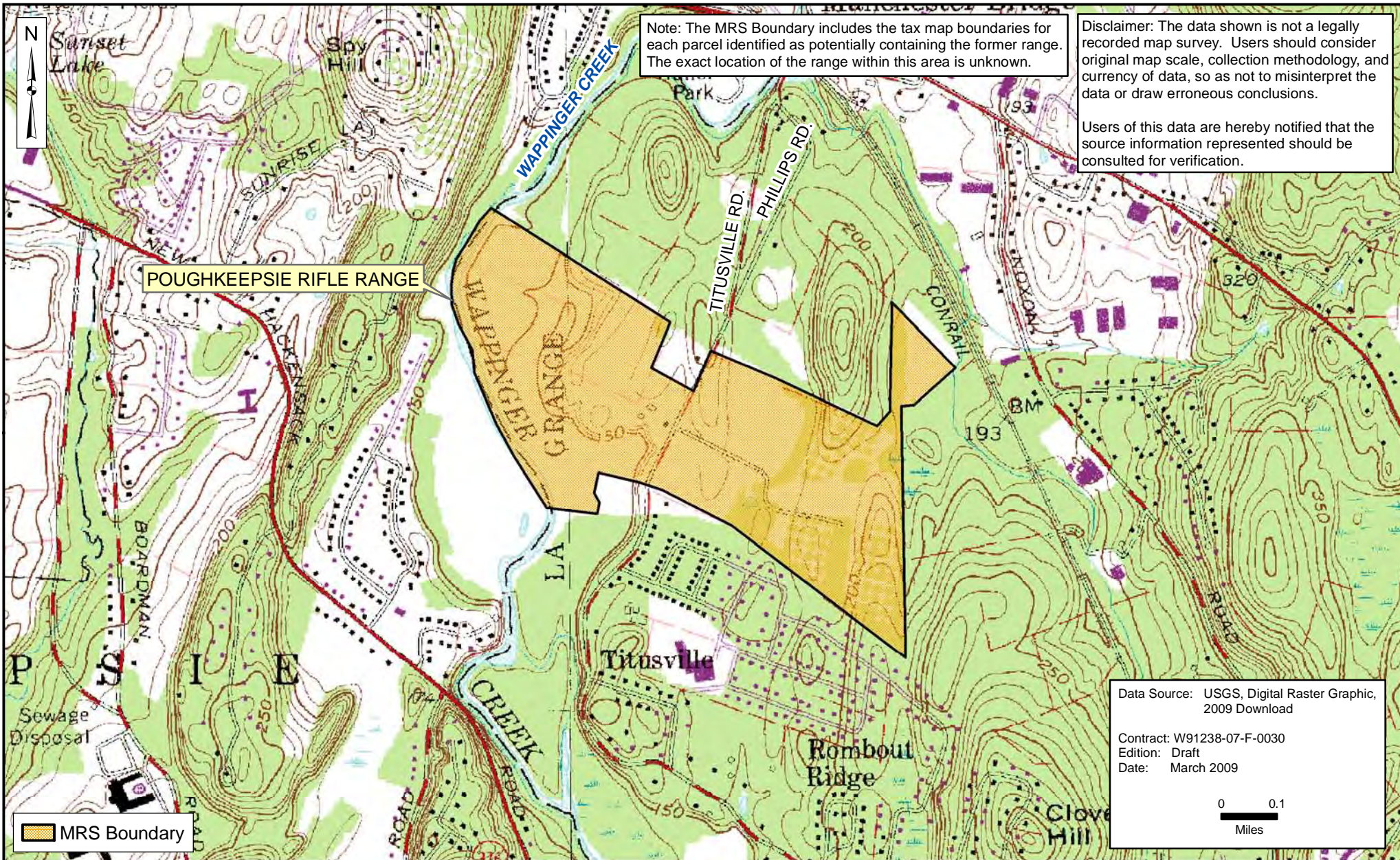
Table 24-9: Interviews		
Name	Title	Interview
Mann, Steven	Historian	Steven Mann, a historian with the Dutchess County Historical Society, was contacted to obtain information regarding the location of the range. The description of the range location in the lease was given to Mr. Mann, who indicated the description matched that of the old Cornell farm on Titusville Road. This is corroborated by the lease, which was with Peter Cornell. According to Mr. Mann, the property is still a farm.



Photograph 1: View south from the intersection of Titusville Road and Philips Road. Site was across the road
(11 December 2008)
Poughkeepsie Rifle Range (RRNY000022)



Photograph 2: View east across Titusville Road into property
(11 December 2008)
Poughkeepsie Rifle Range (RRNY000022)



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Figure 24-1
 Poughkeepsie Rifle Range (RRNY000022)

25.0 RENSSELAER WYCK TARGET RANGE

25.1 Rensselaer Wyck Target Range Summary

25.1.1 Rensselaer Wyck Target Range Overview and Description

The former Rensselaer Wyck Target Range (also known as Bath-on-Hudson Range) is located on city-owned property in the North Greenbush section of the City of Rensselaer, Rensselaer County, NY. As shown on Figure ES-1, the City of Rensselaer is located in east-central NYS, on the Hudson River, directly opposite Albany. The only NDNODS eligible MRS identified at this site is a former rifle range. During the site field visit structures/features associated with the range, including the target berm and backstop, were observed.

25.1.2 Rensselaer Wyck Target Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents included Annual AG Reports, NYARNG correspondence, and a historical map. The site location was obtained from the historical map and an interview with a local resident.

A field site visit to the former range was conducted on 10 December 2008. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 25.5 for the photograph log.

25.1.3 Rensselaer Wyck Target Range Critical Data Sources

Critical data sources for the Rensselaer Wyck Target Range include a 1926 Annual AG report (NY0072) that gives background information for the range, a 1938 Annual AG Report (NY0076) that gives the end use date, and a 1930 historical map (NY0120) which shows the approximate range location.

25.2 Rensselaer Wyck Target Range MRS Data

Table 25-1 provides a brief summary of each MRS associated with Rensselaer Wyck Target Range.

Table 25-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Rensselaer Wyck Target Range	RRNY000023	Transferred	Local Government	Recreational	NA	30.00
					Total Acreage	30.00

25.2.1 Rensselaer Wyck Target Range Summary

The Rensselaer Wyck Target Range MRS was a small arms range with 30 targets; the firing line distances are unknown. This range was used by NYARNG troops stationed in Albany, Troy, and Cohoes from 1894 to 1938. In 1927, the Forbes Rifle and Pistol Club requested permission to use this range; the NYARNG granted the request. Several competitions were held at this range including one in September 1900 and one in September 1908. In 1938, the land this MRS was located on was turned over to the City of Rensselaer. A new range, Guilderland WETS (also known as Guilderland LTA) was built in Guilderland, approximately 10 miles northwest of Rensselaer, to replace this range. The Guilderland WETS range is discussed in the Ineligible Table in Appendix D.

According to a 1930 map, this range was located on the eastern portion of the City of Rensselaer near a tributary of the Hudson River. The actual range location, on a city-owned park named The Hollow, was determined based on an interview with a local resident. During the 10 December 2008 site walk, the following features associated with the former range were observed.

- Target Berm: The target berm, which was located northeast of the entrance to the park, was a concrete trench approximately six feet wide, eight feet deep, and 120 feet long. Seventeen T-section iron rods were observed inside the trench, attached to the front wall. The target berm trench walls were failing due to intrusion from tree roots. Associated with the trench was a concrete shelter that was approximately 30 feet long by 10 feet wide. The entrance to the shelter was located southeast of the target berm.

- Backstop: The backstop was a steep hill, approximately 50-60 feet high, located immediately behind the back target trench wall. The back wall of the target trench acted as a retaining wall for the back stop.

- Firing Line: No physical evidence of the firing line was found. Based on the orientation of the target berm and backstop it appeared that firing occurred from southwest to northeast.

The SDZ applied and depicted on Figure 25-1 is based on a typical safety fan for a 1,000-yard known distance rifle range, in accordance with TM 9-855. The fan covers impacts of .22-, .30-, and .45-cal ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, this range is located in a valley, surrounded by steep hills rising over 100 feet on each side. In addition, a ridge runs northwest to southeast and crosses the firing direction east of the target butts. The top of the ridge is elevated approximately 100 feet above the firing line, which is also steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated on all three sides. The distance from the firing point to the farthest ridge is approximately 2,650 feet. Based on this SDZ, the MRS encompasses approximately 30 acres.

The valley this range is located in is surrounded by steep, forested hills. A stream runs generally southwest through the valley; this stream was dammed approximately 300 yards downstream from the target berm. West of the site, above the valley floor, are residential houses; to the east is a salt and gravel mine.

All supporting historical documents and interview logs are provided in Appendix C of this report. The photograph log is included in Section 25.5.

25.3 Rensselaer Wyck Target Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Rensselaer Wyck Target Range.

Table 25-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Rensselaer Wyck Target Range		Resident	Local		
Phone	Unlisted		Address	Unknown	
DSN					
Fax					
Email	Unknown			Rensselaer, New York	
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Rensselaer Wyck Target Range		Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil			Latham, New York	

The Rensselaer Wyck Target Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 25-3: MRS Table				
NDNODS Name	MRS Name	Status		
Rensselaer Wyck Target Range	Rensselaer Wyck Target Range	Transferred		
Range Description				
The Rensselaer Wyck Target Range (also known as Bath-on-Hudson Range) (RRNY000023) was a small arms range used by the NYARNG from 1894 to 1938. The range was located on 11 acres of land; this property is currently a city-owned park known as The Hollow. The actual MRS acreage, including the SDZ, is 30 acres. The site is bounded by residential properties to the northwest, Rt. 90 to the northeast, a salt and gravel mine to the east, and undeveloped land to the south.				
MRS ID				
RRNY000023				
UTM Zone	UTM X	UTM Y	Construction Year	
18	604588.96	4723391.15	1894	
Topography	Vegetation	Soil Type		
Flat with Gorges or Gullies	Barren or Low Grass	Silt/Silty-Clay		
Current Use	Start Year			
Recreational	1939			
Historic Uses	Start Year	End Year		
Small Arms	1894	1938		

UTM = Universal Transverse Mercator

The Rensselaer Wyck Target Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 25-4: Munitions Table

NDNODS Name	MRS Name	
Rensselaer Wyck Target Range	Rensselaer Wyck Target Range	
Munitions Description	Start Year	End Year
Small Arms	1894	1938

The Rensselaer Wyck Target Range Ownership Table provides detailed information on MRS ownership.

Table 25-5: Ownership Table

NDNODS Name	MRS Name			
Rensselaer Wyck Target Range	Rensselaer Wyck Target Range			
Ownership	Ownership Description	Type	Start Year	End Year
Local Government	This MRS is located in a city-owned park	Transfer	1939	NA

The Rensselaer Wyck Target Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 25-6: Land Use Restrictions Table

NDNODS Name	MRS Name		
Rensselaer Wyck Target Range	Rensselaer Wyck Target Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS, which is located in a public park.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Rensselaer Wyck Target Range Demographics Table provides information on MRS demographics.

Table 25-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Rensselaer Wyck Target Range	Rensselaer Wyck Target Range	City	Rensselaer	New York	USA

The Rensselaer Wyck Target Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 25-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name		MRS Name	
Rensselaer Wyck Target Range		Rensselaer Wyck Target Range	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper website, no threatened or endangered species are present on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
40	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

25.4 Rensselaer Wyck Target Range Notes

There are no additional notes for the Rensselaer Wyck Target Range.

25.5 Rensselaer Wyck Target Range Interview and Photograph Logs

Table 25-9: Interviews		
Name	Title	Interview
Resident, Local		A local resident was initially contacted to obtain access to his property for the site visit. However, during this conversation the resident indicated that the former rifle range is located on city-owned property known as The Hollow. According to this resident, his father used to pull lead bullets from the range in the 1920s for salvage. The resident also indicated that bunkers and a backstop are still present.



Photograph 1: View northeast into hill used as back stop with target berm at foreground
(10 December 2008)

Rensselaer Wyck Target Range (RRNY000023)



Photograph 2: Longitudinal view facing northwest of target berm trench
(10 December 2008)

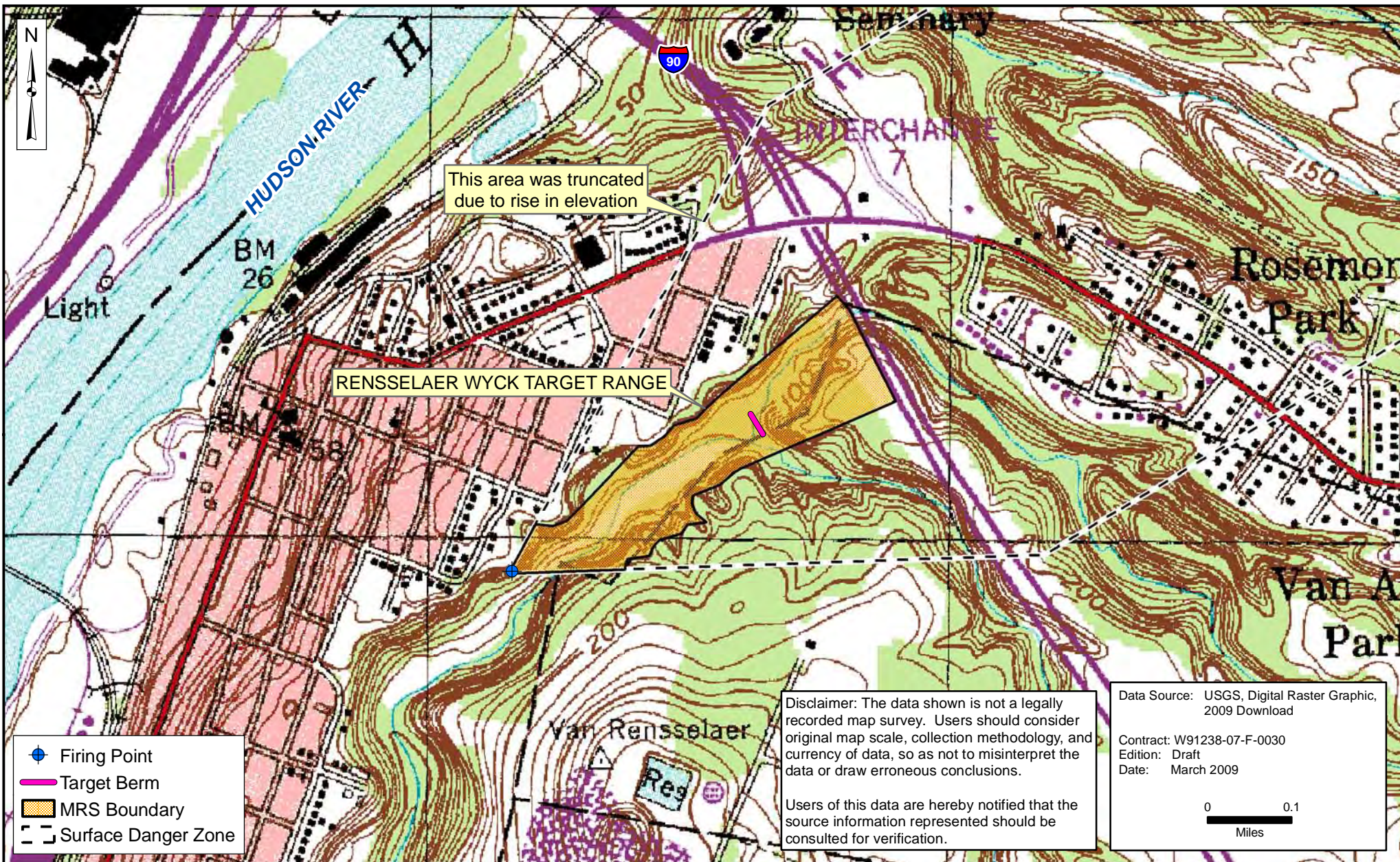
Rensselaer Wyck Target Range (RRNY000023)



Photograph 3: View northwest of the target shelter and entrance leading to it
(10 December 2008)
Rensselaer Wyck Target Range (RRNY000023)



Photograph 4: View northeast, from the dam toward the target berm
(10 December 2008)
Rensselaer Wyck Target Range (RRNY000023)



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Figure 25-1
 Rensselaer Wyck Target Range (RRNY000023)

26.0 ROCHESTER RIFLE RANGE

26.1 Rochester Rifle Range Summary

26.1.1 Rochester Rifle Range Overview and Description

The former Rochester Rifle Range is located just east of Irondequoit Creek in Ellison Park, a county park in Penfield, NY. As shown in Figure ES-1, Penfield is located in the northeastern corner of Monroe County, approximately five miles east of Rochester, NY. The only NDNODS eligible MRS identified at this site is a former small arms range that included both a rifle and pistol range. During the site field visit, numerous features associated with the former range were observed including target butts and one of the firing points.

26.1.2 Rochester Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

The Rochester Rifle Range MRS was first identified in government correspondence obtained from the National Archives. Based on internet research, it was determined that the MRS is now a hiking trail located in a Monroe County park. The site location was obtained from a hiking trail map, while additional information regarding site usage was obtained from various websites.

A field site visit to the former range was conducted on 9 October 2008. During the site visit, the NYARNG NDNODS team walked the area of the range and numerous observed structures and features associated with the former range. Refer to Figure 26-1 for the range location and features. To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 26.5 for the photograph log.

26.1.3 Rochester Rifle Range Critical Data Sources

Critical data sources for the Rochester Rifle Range include a 1948 letter from the DA to the NYARNG AG (NY0159), which described a small arms range in Rochester NY, a trail map from the Town of Penfield (NY0226) which shows the range location, and a newspaper article (NY0146) that gives the approximate end use date. Background information regarding the range was obtained from two websites: one for the Adirondack Mountain Club (ADK) and one for the Town of Penfield.

26.2 Rochester Rifle Range MRS Data

Table 26-1 provides a brief summary of each MRS associated with Rochester Rifle Range.

Table 26-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Rochester Rifle Range	RRNY000024	Transferred	Local Government	Recreational	NA	7.50

Total Acreage	7.50
---------------	------

26.2.1 Rochester Rifle Range Summary

The Rochester Rifle Range MRS was located on approximately 7.5 acres of land in the Town of Penfield, NY, approximately five miles east of Rochester, NY. The range was used by the NYARNG Co. G 108th Infantry for both pistol and rifle practice from approximately 1942 to 1965. The date the range was constructed is unknown. A range known as the Rochester Range was located in Golah, a hamlet approximately 20 miles south of Penfield, until 1924 (refer to the Rochester Range (Golah) write-up on the Ineligible Table in Appendix D). The first mention of another range known as the Rochester Range occurs in a 1942 NYARNG memorandum. Therefore, this range was built sometime between 1924 and 1942. For the purpose of this report, the year 1942 will be used as the range start use date. It is also unknown when use of this range ended. However, according to an interview in a 2006 Rochester Democrat and Chronicle newspaper article, the range was used until 1965. In the interview, Jim Coyne, a former NY guardsman from 1960 to 1965, indicated that he used the range during his tenure in the NYARNG. Therefore, 1965 is used as the range end use date.

According to the Genesee Valley Chapter (GVC) ADK website, the area where the NYARNG range was located is now a hiking trail known as the Rifle Range Trail. This trail runs through a county-owned park known as Ellison Park. The ADK website also indicates that "The Trail's name comes from the fact that the area had previously been a National Guard and a US Army weapons training site. The area was last used for military training during the Korean War. Over the years, the [GVC] of ADK has cleared out two of the old ranges, one rifle and one pistol, providing visitors a view into the past." The Town of Penfield website states that Rifle Range Trail (aka Wetland Center Trail) ... "pass[es] the remains of two pits used for target practice for the 108th Infantry of G Company of the National Guard. They were stationed at the East Main Street Armory in Rochester. The New York State Police would also do some shooting there." It should be noted that several of the statements made on these two websites could not be corroborated including use of the range by parties other than the NYARNG. In addition, while the ADK website indicates the range was last used during the Korean War (1950 to 1953), a NY guardsman indicated he used the range until he left the NYARNG in 1965.

During the 9 October 2008 site walk, the following structures/features associated with the former small arms range (as shown in Figure 26-1) were observed:

- 1) The original foundation of a range tower, which is now covered by a gazebo. Concrete steps lead up to the foundation, which overlooks what is assumed to be the firing line of a 300-yard firing range.
- 2) The probable firing line of a 300-yard range; concrete steps lead to the former firing positions.
- 3) In-ground target butts, associated with the 300-yard rifle range. The butts had seven iron targets attached to a cable pulley system. The target butts appeared to be partially filled.
- 4) A 25-yard pistol range located adjacent to the 300-yard firing range. Approximately eight iron pipes, two to three inches in diameter, which were used for holding targets, were observed at this range.
- 5) In-ground target butts, which appeared to be for a 100, 150, or 200-yard rifle range. These target butts, which were partially buried, had four iron targets with a cable pulley system. A concrete storage shelter was located adjacent to, and connected with, the in-ground target area.

The SDZs applied and depicted on Figure 26-1 are based on typical safety fans for a pistol range, a 300-yard known distance rifle range, and a 150-yard known distance rifle range in accordance with TM 9-855 (1951). The fans cover impacts of .22-, .30-, and .45-cal

ammunition. The range fans and resulting site acreage are also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs roughly north to south and crosses the firing line beyond the target butts for both rifle ranges. For the pistol range, a ridge runs west to east and crosses the firing line south of the target butts. The top of these ridges are elevated approximately 100 feet above the firing lines, which is steep enough to limit bullet trajectory. Therefore, the SDZs associated with this range were truncated at their associated ridges which were approximately 700 feet and 650 feet respectively from the 300 yard and 150 yard firing lines. Based on these SDZs, the MRS encompasses approximately 7.5 acres.

26.3 Rochester Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Rochester Rifle Range.

Table 26-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Rochester Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil			Latham, New York	

The Rochester Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 26-3: MRS Table			
NDNODS Name	MRS Name	Status	
Rochester Rifle Range	Rochester Rifle Range	Transferred	
Range Description			
The Rochester Rifle Range (RRNY000024) was a former small arms range that had a pistol range and two rifle ranges. This MRS, which consists of approximately 7.5 acres in Penfield, NY, is located in a forested area of Ellison Park, a county-owned park. The MRS is bounded on all sides by Ellison Park. It is estimated that this range was used by the G Co. 108th Infantry of the NYARNG from 1942 to 1965; the exact dates of use are unknown.			
MRS ID			
RRNY000024			
UTM Zone	UTM X	UTM Y	Construction Year
18	294678.96	4782539.04	1942
Topography	Vegetation	Soil Type	
Mountainous	Forest	Silt/Silty-Clay	
Current Use	Start Year		
Recreational	1966		
Historic Uses	Start Year	End Year	
Small Arms	1942	1965	

UTM = Universal Transverse Mercator

The Rochester Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 26-4: Munitions Table

NDNODS Name	MRS Name	
Rochester Rifle Range	Rochester Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1942	1965

The Rochester Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 26-5: Ownership Table

NDNODS Name	MRS Name			
Rochester Rifle Range	Rochester Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Local Government	This MRS is a county-owned park	Transfer	1966	NA

The Rochester Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 26-6: Land Use Restrictions Table

NDNODS Name	MRS Name		
Rochester Rifle Range	Rochester Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	This MRS is located in a county-owned park. Hiking trails are present throughout the MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Rochester Rifle Range Demographics Table provides information on MRS demographics.

Table 26-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Rochester Rifle Range	Rochester Rifle Range	City	Penfield	New York	USA

The Rochester Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 26-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name		MRS Name	
Rochester Rifle Range		Rochester Rifle Range	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, two state-endangered species are present on this MRS; Hooker's Orchid (<i>Platanthera hookeri</i>) and Golden Puccoon (<i>Lithospermum caroliniense</i> var. <i>croceum</i>).		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
10	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

26.4 Rochester Rifle Range Notes

Another Rochester Rifle Range is referenced in the historical documents. This range is described on the Ineligible Table in Appendix D under the Rochester Range (Golah).

26.5 Rochester Rifle Range Interview and Photograph Logs

Table 26-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



Photograph 1: Brick pillars at former gate entrance to range areas (14 October 2008)
Rochester Rifle Range (RRNY000024)



Photograph 2: Gazebo, assumed to be on original foundation of range tower, overlooking 300
yard firing line positions (14 October 2008) Rochester Rifle Range (RRNY000024)



Photograph 3: Concrete steps leading to firing line of 300 yard range (14 October 2008)
Rochester Rifle Range (RRNY000024)



Photograph 4: Target butts, with 7 iron target raising mechanisms, partially buried at the end of
the 300 yard range (14 October 2008)
Rochester Rifle Range (RRNY000024)



Photograph 5: Concrete steps leading to the firing positions for the 25 yard pistol range
(14 October 2008)
Rochester Rifle Range (RRNY000024)



Photograph 6: Iron pipes assumed to be used for holding targets at pistol range
(14 October 2008)
Rochester Rifle Range (RRNY000024)

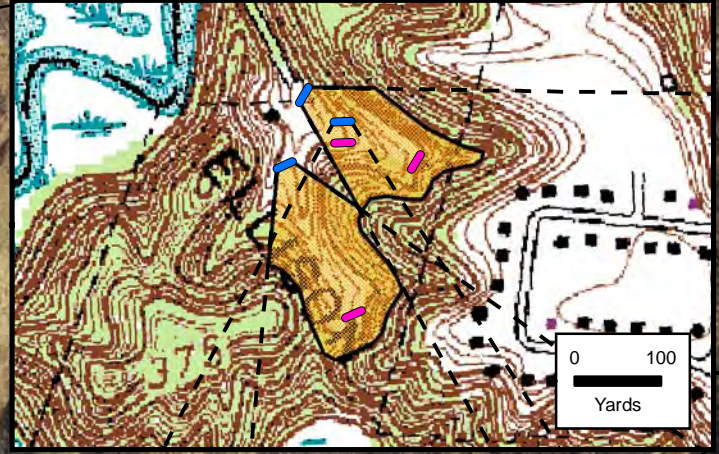
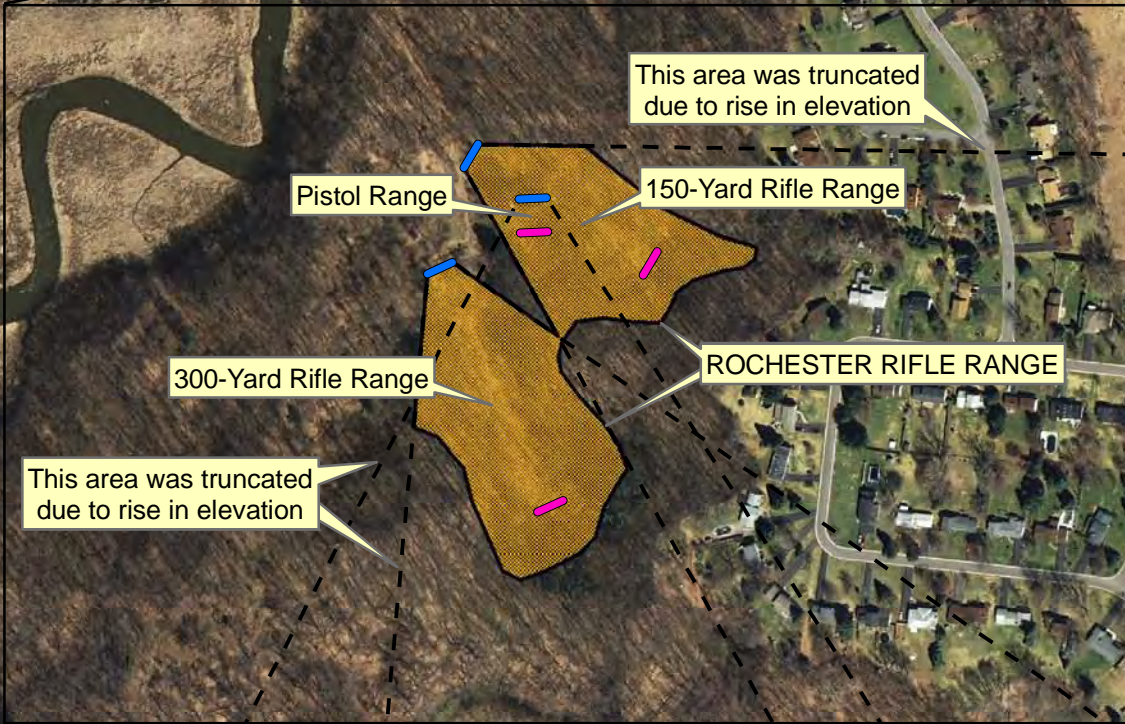






Photograph 7: Target butts with 4 iron target raising mechanisms, partially buried, for shorter distance rifle range (14 October 2008)
Rochester Rifle Range (RRNY000024)



Photograph 8: Concrete shelter adjacent to targets of shorter distance rifle range (14 October 2008)
Rochester Rifle Range (RRNY000024)

IRONDEQUOIT CREEK



-  Firing Line
-  Target Line
-  MRS Boundary
-  Surface Danger Zone

This area was truncated due to rise in elevation

This area was truncated due to rise in elevation

Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Raster Graphic, 2008 Download

USGS, Digital Orthophoto, 2008 Download

Ellison Park Wetlands Center, Town of Penfield Trail Map, Rifle Range Trail, 2007

Contract: W91238-07-F-0030
Edition: Draft
Date: March 2009



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Figure 26-1
Rochester Rifle Range (RRNY00024)



27.0 SARATOGA SPRINGS RIFLE RANGE

27.1 Saratoga Springs Rifle Range Summary

27.1.1 Saratoga Springs Rifle Range Overview and Description

The former Saratoga Springs Rifle Range is located on both city-owned and privately-owned properties in the City of Saratoga Springs, Saratoga County, NY. As shown on Figure ES-1, Saratoga Springs is located on the eastern portion of NYS, just south of the Adirondack Park Preserve. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the former range location is occupied by the Police Benevolent Association (PBA) and several residences. Although no evidence of a former range was found during the site visit, one of the property owners indicated .50-cal shells were found on her property during installation of an in-ground swimming pool.

27.1.2 Saratoga Springs Rifle Range Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included lease agreements, Annual AG Reports, and NYARNG memoranda, identified a rifle range used by the NYARNG in Saratoga Springs, NY. The general site location was obtained from the description in the lease agreement. The actual site location was obtained from interviews with personnel from the NYS Military Museum, the Saratoga County Historical Society, the Saratoga Springs Police Department (PD), and a local resident.

The property where the former range was located consists of one city-owned and four privately-owned parcels. Only three of the private owners signed the ROEs; therefore, both on-site and one off-site visits were conducted. A field site visit to the former range was conducted on 5 December 2008. During the site visit no evidence of the former range was found (refer to Figure 27-1). To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 27.5 for the photograph log.

27.1.3 Saratoga Springs Rifle Range Critical Data Sources

Critical data sources for the Saratoga Springs Rifle Range include a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information, a 1910 Annual AG Report (NY0067) that gives the approximate construction date, 1880, 1887, and 1890 Annual AG Reports (NY0169; NY0170; NY0171) that describe range safety concerns, and a 1948 inspection report (NY0140), which describes the general range location, range features and surrounding area. Interviews were conducted with Courtney Burns (Chief Curator of the NYS Military Museum), Jamie Parillo (Saratoga Springs History Museum), and Investigator Lewis (Saratoga Springs PD) to determine the location of the range and its features.

27.2 Saratoga Springs Rifle Range MRS Data

Table 27-1 provides a brief summary of each MRS associated with Saratoga Springs Rifle Range.

Table 27-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Saratoga Springs Rifle Range	RRNY000025	Transferred	Local Government, Private	Residential - Single Family, Recreational	NA - NA, Access Control - Fences	100.00
					Total Acreage	100.00

27.2.1 Saratoga Springs Rifle Range Summary

The former Saratoga Springs Rifle Range was located on approximately 100 acres in Saratoga Springs, NY. The range, which had four double steel targets with firing points from 200 to 600 yards, was used by the NYARNG Co. L, 105th Infantry and the 105th Regiment for team practice and annual regimental tournaments from at least 1878 to 1951. According to Courtney Burns, Chief Curator of the NYS Military Museum, construction on this range began in 1878. This is corroborated by a 1910 Annual AG Report which indicated that a guardsman lost partial use of his right leg due a gunshot wound sustained at Saratoga Springs on 8 October 1878. The range was abandoned in 1879 due to safety concerns; however, use of the range began again in 1880. It is unknown if additional safety measures were put in place between 1879 and 1880. Repairs were completed in 1887 and new target butts were installed by 1890. In the 1890 Annual AG Report, the range was listed in good condition.

In 1942 the NYARNG recommended that the range be closed since it was only used once in 1941. However, it does not appear that this recommendation was followed. This range is listed as active in a 1951 Annual AG Report, but is not listed in the next available Annual AG Report from 1955.

In 1948, the NYARNG inspected the range for compliance with the provisions of AR 750-10; this appeared to be a regulation listing the minimum safety requirements for small arms ranges. According to this report, the target pit was a concrete structure 11 feet wide, 48 feet long and 14 feet deep, with a small target house on the south end. The back stop was a 35-foot high sand mound with a steel plate (55 feet x 8 feet x 1/2-inch thick) installed on top. At the time of the inspection .30-cal rifles were used at the range. The inspection report concluded the range was inadequate due to the inability of the backstop (not high enough) to prevent firing into unrestricted areas. It is unknown if any actions were taken at the range as a result of this report.

No evidence of the former range was observed during the 5 December 2008 site visit and no information regarding the layout of the range is available. Currently, the location of the Saratoga Springs Rifle Range is occupied by the PBA and residential properties. The PBA property contains a building and parking lot on the northwestern portion of the property, as well as an active pistol range, with a bowl-shaped backstop, on the northern portion. The remainder of the PBA property appeared to be used for recreational purposes and included a baseball field.

During the survey at the PBA property the field team met a retired police officer (who wished to remain anonymous) who indicated he believed a former range was located in a wooded area on the northeast portion of the PBA property. According to the retired police officer, the range was present approximately 30 years ago, although he did not indicate that it was actively being used at that time.

The residential properties had recently been constructed. According to the builder, no evidence of the range was found during construction. However, this is contradicted by information received from one of the property owners who indicated that when their in-ground pool was installed a pile of dirt was created on the rear of the property, near the edge of the woods and behind the pool fence enclosure. The property owner's children had found numerous shell casings in the dirt pile. According to the owner, the casings were approximately 3-inches long and 0.5-inches in diameter. The field team attempted to view this dirt pile during the site visit; however, the soil was frozen and no shell casings were visible.

The site location is shown on Figure 27-1 and a photograph log is included in Section 27.5. All supporting documents and interview logs are provided in Appendix C of this report.

27.3 Saratoga Springs Rifle Range Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Saratoga Springs Rifle Range.

Table 27-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Saratoga Springs Rifle Range	Mr.	Burns	Courtney	Chief Curator	NYS Military Museum
Phone	518-581-5100		Address	61 Lake Avenue	
DSN					
Fax					
Email	Saratoga Springs, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Saratoga Springs Rifle Range	Mr.	Parillo	Jamie	Unknown	Saratoga Springs History Museum
Phone	518-584-6920		Address	1 Congress Avenue	
DSN					
Fax					
Email	Saratoga Springs, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Saratoga Springs Rifle Range	Investigator	Lewis	Unknown	Investigator	Saratoga Springs PD
Phone	518-584-1800		Address	City Hall, 5 Lake Avenue	
DSN					
Fax					
Email	Saratoga Springs, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Saratoga Springs Rifle Range		Owner	Property		
Phone	unlisted		Address	Liz Ann Drive	
DSN					
Fax					
Email	Saratoga Springs, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Saratoga Springs Rifle Range	Mr.	Unknown	Craig	Unknown	Northland Builders, LLC
Phone	518-461-1883		Address	8 Airline Drive	
DSN					
Fax					
Email	Albany, New York				

Table 27-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Saratoga Springs Rifle Range	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN					New York State Division of Military and Naval Affairs
Fax					330 Old Niskayuna Road
Email	peter.jensen1@us.army.mil			Latham, New York	

The Saratoga Springs Rifle Range MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 27-3: MRS Table			
NDNODS Name	MRS Name	Status	
Saratoga Springs Rifle Range	Saratoga Springs Rifle Range	Transferred	
Range Description			
The Saratoga Springs Rifle Range (RRNY000025) was a small arms range used by the NYARNG from 1878 to 1951. This MRS, which consists of approximately 100 acres in Saratoga Springs, NY, is located on both city-owned and privately-owned properties. The city-owned PBA lot is mainly used for recreation while the private properties are residential. The site is bounded on all sides by residential property.			
MRS ID			
RRNY000025			
UTM Zone	UTM X	UTM Y	Construction Year
18	602878.83	4771733.25	1878
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Residential - Single Family	1952		
Recreational	1952		
Historic Uses	Start Year	End Year	
Small Arms	1878	1951	

UTM = Universal Transverse Mercator

The Saratoga Springs Rifle Range Munitions Table provides detailed information on the munitions used on this MRS.

Table 27-4: Munitions Table		
NDNODS Name	MRS Name	
Saratoga Springs Rifle Range	Saratoga Springs Rifle Range	
Munitions Description	Start Year	End Year
Small Arms	1878	1951

The Saratoga Springs Rifle Range Ownership Table provides detailed information on MRS ownership.

Table 27-5: Ownership Table				
NDNODS Name	MRS Name			
Saratoga Springs Rifle Range	Saratoga Springs Rifle Range			
Ownership	Ownership Description	Type	Start Year	End Year
Local Government	A portion of this MRS is owned by the City of Saratoga Springs.	Transfer	1952	NA
Private	A portion of this MRS is occupied by residential properties.	Transfer	1952	NA

The Saratoga Springs Rifle Range Land Use Restrictions Table provides information on MRS land use restrictions.

Table 27-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Saratoga Springs Rifle Range	Saratoga Springs Rifle Range		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	This MRS is located on both city-owned and privately-owned property. The city-owned property is used for recreational purposes and includes a pistol range and baseball fields. The privately-owned properties are residential. There are no barriers preventing access to most portions of this MRS.	UPA
Fences	Access Control	There are fences surrounding the pistol range.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Saratoga Springs Rifle Range Demographics Table provides information on MRS demographics.

Table 27-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Saratoga Springs Rifle Range	Saratoga Springs Rifle Range	City	Saratoga Springs	New York	USA

The Saratoga Springs Rifle Range Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 27-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name		MRS Name	
Saratoga Springs Rifle Range		Saratoga Springs Rifle Range	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
45	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

27.4 Saratoga Springs Rifle Range Notes

There are no additional notes for the Saratoga Springs Rifle Range.

27.5 Saratoga Springs Rifle Range Interview and Photograph Logs

Table 27-9: Interviews		
Name	Title	Interview
Burns, Courtney	Chief Curator	Courtney Burns, Chief Curator, NY State Military Museum, was contacted to determine if he had any information regarding the Saratoga Springs Rifle Range. Mr. Burns reviewed several Annual AG Reports and National Guardsman articles and responded with an email that contained the following information: Construction on this range, which was expected to be one of the largest in the state, began in 1878. However, in 1879 the Saratoga range was declared unsafe and was abandoned until 1880. Mr. Burns found an 1886 reference that indicated the range was badly located on a sandy road about three miles from the armory. According to a 1925 article in the National Guardsman, the range was located on Lake Avenue.
Parillo, Jamie	Mr.	An email was sent to the Saratoga Springs History Museum to determine if they knew where the range was located. Jamie Parillo's response to the email indicated that the modern location of the PBA range fits the range description; the PBA range is located on Wiebel Avenue, just north of Route 29, approximately two miles from the armory.
Lewis, Unknown	Investigator	Investigator Lewis of the Saratoga Springs PD was contacted to determine if he had any information regarding the former range. According to Investigator Lewis, the NYARNG formerly had a long range on property located adjacent to the PBA property. Remnants of the range were present until about five years ago; at the current time no evidence of the range remains. A builder, Northland Builders, recently built houses on the former range property. A tax map of the area was sent to Investigator Lewis for him to identify the lots where the range used to be located. His replay email indicated that "the PBA Property includes Lot sections 166-2-5 and 166-2-6. The sub-division where the range target box was located includes the area of lots 167-6-5, 167-6-6, 167-6-7. From what I know of the history of the range, the shooting range originally was located from west to east [on] (166-2-5 to 167-6-7)."
Owner, Property		Prior to returning the ROE, one of the property owners contacted USACE to tell them that when their in-ground pool was installed, a pile of dirt was created on the rear of the property, near the edge of the woods and behind the pool fence enclosure. The property owner's children had found numerous shell casings in the dirt pile. According to the owner, the casings were approximately 3-inches long and 0.5-inches in diameter; she believed they were likely .50-cal.
Unknown, Craig	Mr.	The residential properties at Liz Ann Drive have recently been constructed. Therefore, Craig (last name unknown) from Northland Builders, the company who built the houses, was contacted to determine if he had any additional information regarding the range. According to Craig he spoke to a local person who stated the range was only used for training for World War II. He also indicated that no evidence of the range was found during construction. In addition, an environmental survey had been completed for the property, but the range did not appear in this report. A copy of the environmental survey was requested; however, Craig indicated that he did not have a copy of it.



Photograph 1: View north towards swimming pool at 15 Liz Ann Drive. Soil pile is to the left
(5 December 2008)
Saratoga Springs Rifle Range (RRNY000025)



Photograph 2: View south from swimming pool at 15 Liz Ann Drive. Bullet shell casing were
found in soil removed from excavation (5 December 2008)
Saratoga Springs Rifle Range (RRNY000025)



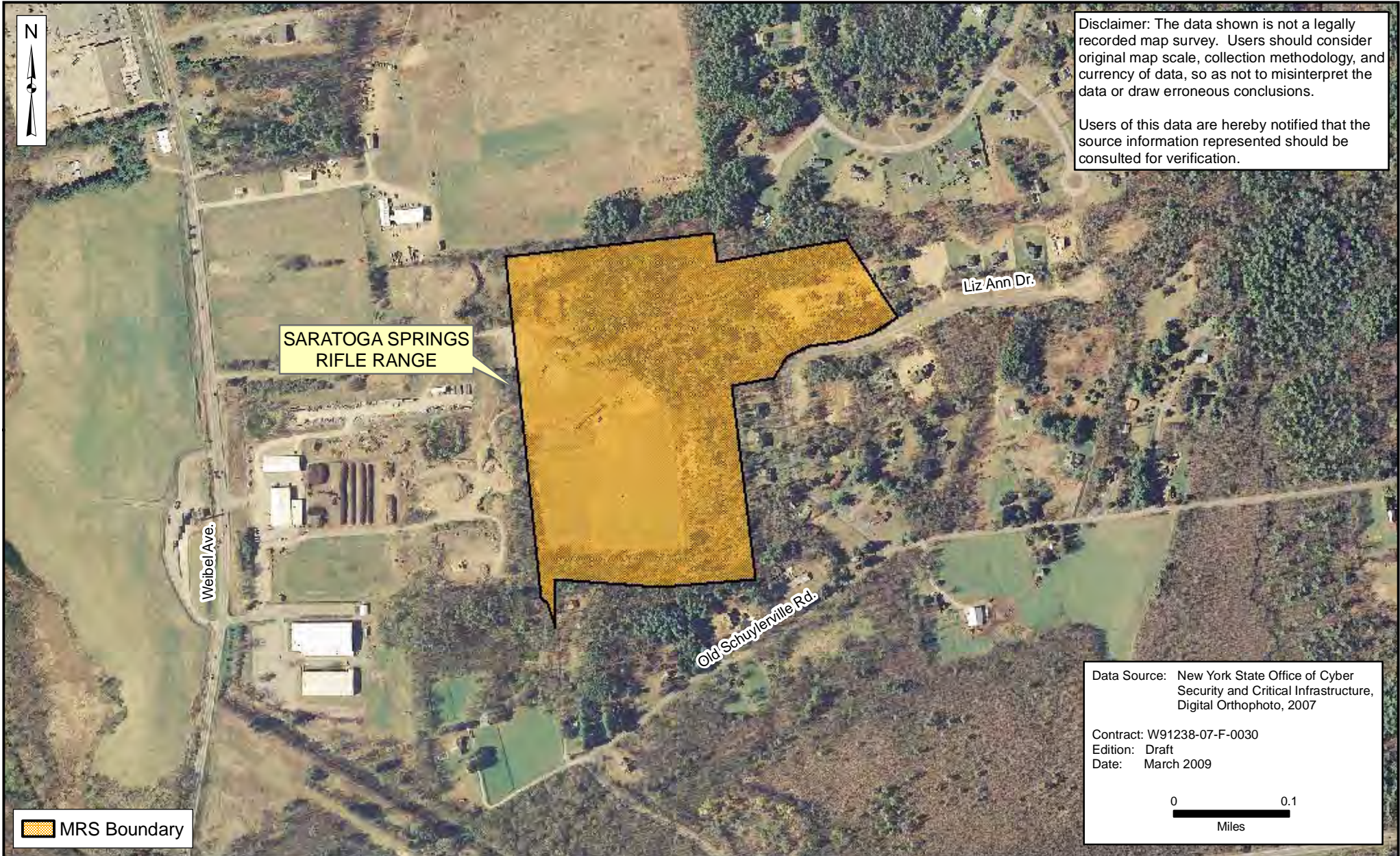
Photograph 3: View east of backyard of 11 Liz Ann Drive
(5 December 2008)
Saratoga Springs Rifle Range (RRNY000025)



Photograph 4: View generally south of PBA property
(5 December 2008)
Saratoga Springs Rifle Range (RRNY000025)



Photograph 5: View north in active pistol range located north of the PBA building
(5 December 2008)
Saratoga Springs Rifle Range (RRNY000025)



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Figure 27-1
Saratoga Springs Rifle Range (RRNY000025)



28.0 TICONDEROGA RANGE (OLD)

28.1 Ticonderoga Range (old) Summary

28.1.1 Ticonderoga Range (old) Overview and Description

Two NYARNG small arms ranges have been known as the Ticonderoga Range in NYARNG documents. The original range, used until 1975, is called the Ticonderoga Range (old) and is described in this section. A subsequent range, built in 1986, is known as the Ticonderoga Training Range (new), and is discussed in Section 29.

The former Ticonderoga Range (old) is located on privately-owned property in the Community of Chilson, Town of Ticonderoga, Essex County, NY. As shown on Figure ES-1, Ticonderoga is located in the Adirondack Park Preserve, on the border of Vermont. The only NDNODS eligible MRS identified at this site is a former small arms range. Although no evidence of the range was found during the site field visit, the visit was conducted from the road and visibility was limited. Currently, the area where the range was located appears to be undeveloped.

28.1.2 Ticonderoga Range (old) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from JFHQ-NY during the in-brief. These documents, which included lease agreements, Annual AG Reports, and a NYARNG Inspection Report, identified a small arms range in Chilson, NY. The site location was obtained from the description in a lease agreement and a hand drawn sketch of the range.

A ROE was sent to the owner; however, they did not grant access to the site. Therefore, a street survey was conducted on 9 December 2008. Although no evidence of the former range was found during the survey, the property is wooded. Therefore, visibility was limited (Refer to Figure 28-1). To document the results of the site visit, the NDNODS team took field notes and photographs and recorded coordinates of the site with a GPS unit. Refer to Section 28.5 for the photograph log.

28.1.3 Ticonderoga Range (old) Critical Data Sources

Critical data sources for the Ticonderoga Range (old) include a 16 July 1973 letter to the Division of Military and Naval Affairs (NY0181), which gives the lease termination date, a 1963 inspection report (NY0181) that gives the range features and background information, and a hand drawn map (NY0181) that shows the range location and layout.

28.2 Ticonderoga Range (old) MRS Data

Table 28-1 provides a brief summary of each MRS associated with Ticonderoga Range (old).

Table 28-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Ticonderoga Range (old)	RRNY000026	Transferred	Private	Undeveloped	NA	406.00
Total Acreage						406.00

28.2.1 Ticonderoga Range (old) Summary

The Ticonderoga Range (old) had seven targets and was used by NYARNG Special Forces stationed in Schenectady, NYARNG Battery C, 1/186th Artillery stationed in Ticonderoga and the U.S. Army from 1950 to 1975. The range consisted of a man made earthen mound and target butts constructed of wood. .30, .45, and .50-cal weapons were fired at the range. During a 1963 inspection, the NYARNG noted that the target carriers were in very poor condition. According to the site sketch (undated), the firing point was located southwest of Lake Penfield. Firing occurred from west to east toward a mountain 400 feet higher than the firing point.

No evidence of the former range was observed during the 9 December 2008 site visit. It should be noted that the site visit was conducted from the road and visibility was limited since the property is heavily forested with thick underbrush. A private road that led to the property was observed east of Corduroy Road. The majority of the area surrounding the site was forested. A few residences were also present; however, the area was sparsely populated.

The SDZ applied and depicted on Figure 28-1 is based on a typical safety fan for a 1,000-yard known distance rifle range, in accordance with TM 9-855, 1951. The fan covers impacts of .22-, .30-, and .45-caliber ammunition. The range fan and resulting site acreage is also based on the appropriate SDZ for the ammunition types used at the site in accordance with DA PAM 385-63, 2003. According to a USGS map of the area, a ridge runs north to south and crosses the firing line east of the target butts. The top of the ridge is elevated approximately 400 feet above the firing line, which is steep enough to limit bullet trajectory. Therefore, the SDZ associated with this range was truncated at the ridge which is approximately 7,075 feet east of the firing point. Based on this SDZ, the MRS encompasses approximately 406 acres.

The site location is shown on Figure 28-1 and a photograph log is included in Section 28.5. All supporting documents and interview logs are provided in Appendix C of this report.

28.3 Ticonderoga Range (old) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Ticonderoga Range (old).

Table 28-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Ticonderoga Range (old)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Ticonderoga Range (old) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 28-3: MRS Table			
NDNODS Name	MRS Name	Status	
Ticonderoga Range (old)	Ticonderoga Range (old)	Transferred	
Range Description			
The Ticonderoga Range (old) (RRNY000026) was a small arms range used by the NYARNG from 1950 to 1973. The area leased for the range was an approximately 5 acre plot, 250 feet wide and 900 feet long. The actual MRS acreage, including the SDZ is approximately 406. This range, located off Corduroy Road on forested private property in the Community of Chilson, Town of Ticonderoga. The current site usage is unknown. The site is bounded by Penfield Lake to the north; the rest of the area surrounding the site is forested and appears to be used for low density housing.			
MRS ID			
RRNY000026			
UTM Zone	UTM X	UTM Y	Construction Year
18	618259.08	4861241.16	1950
Topography	Vegetation	Soil Type	
Heavily Rolling	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Undeveloped	1974		
Historic Uses	Start Year	End Year	
Small Arms	1950	1973	

UTM = Universal Transverse Mercator

The Ticonderoga Range (old) Munitions Table provides detailed information on the munitions used on this MRS.

Table 28-4: Munitions Table		
NDNODS Name	MRS Name	
Ticonderoga Range (old)	Ticonderoga Range (old)	
Munitions Description	Start Year	End Year
Small Arms	1950	1973

The Ticonderoga Range (old) Ownership Table provides detailed information on MRS ownership.

Table 28-5: Ownership Table				
NDNODS Name	MRS Name			
Ticonderoga Range (old)	Ticonderoga Range (old)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is privately-owned.	Transfer	1974	NA

The Ticonderoga Range (old) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 28-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Ticonderoga Range (old)	Ticonderoga Range (old)	NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Ticonderoga Range (old) Demographics Table provides information on MRS demographics.

Table 28-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Ticonderoga Range (old)	Ticonderoga Range (old)	City	Ticonderoga	New York	USA

The Ticonderoga Range (old) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 28-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Ticonderoga Range (old)	Ticonderoga Range (old)	According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
20	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

28.4 Ticonderoga Range (old) Notes

Another range was present in Ticonderoga from 1986 to 1994. This range, the Ticonderoga Training Range (new), is discussed in Section 29.

28.5 Ticonderoga Range (old) Interview and Photograph Logs

Table 28-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



Photograph 1: View east from Corduroy Road onto the property; the hill shown on the map of the range is in the background

(9 December 2008)

Ticonderoga Range (old) (RRNY000026)



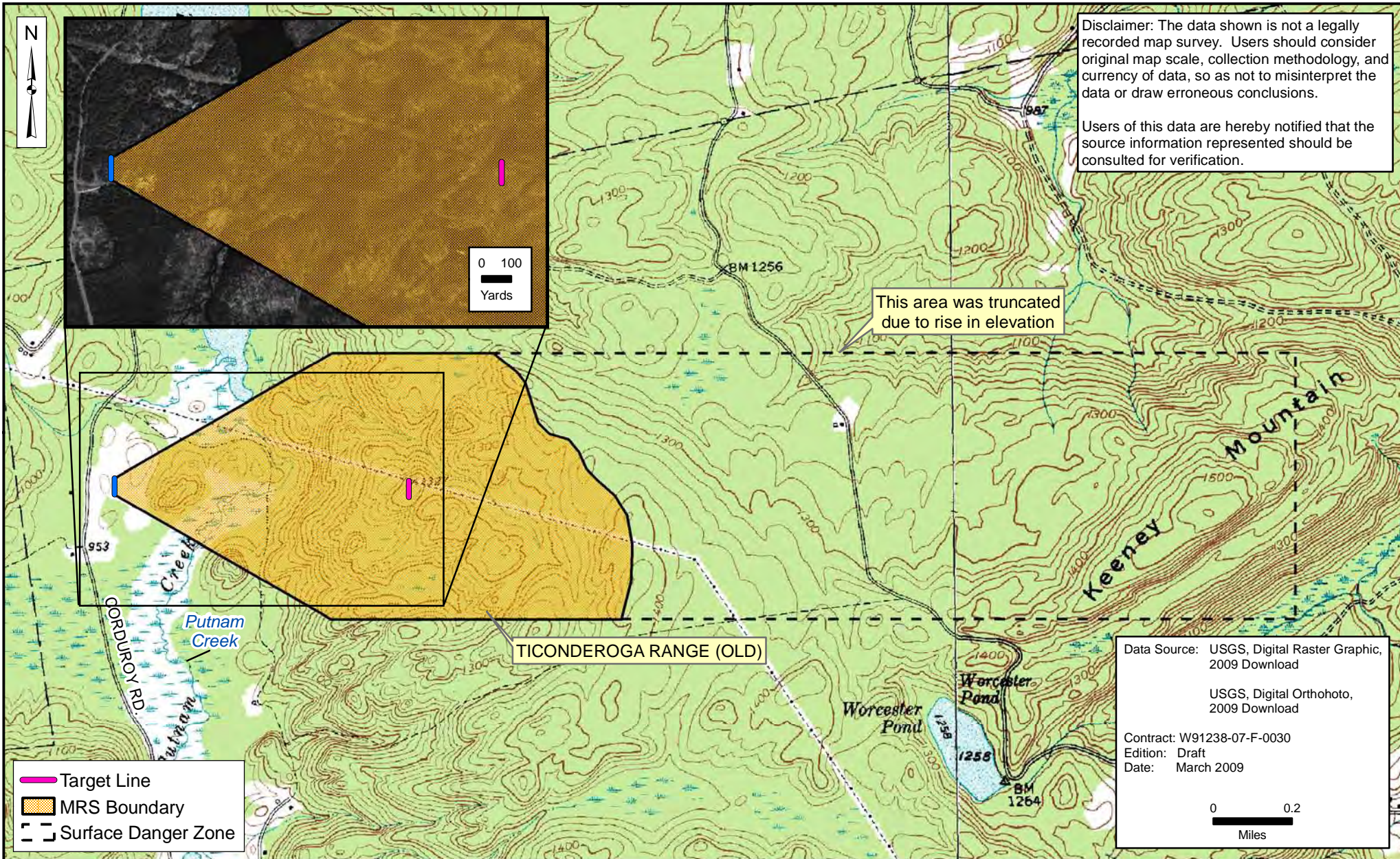
Photograph 2: View east into property

(9 December 2008)

Ticonderoga Range (old) (RRNY000026)



Photograph 3 View east from Corduroy Road towards private road leading onto property (9 December 2008)
Ticonderoga Range(old) (RRNY000026)



Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Raster Graphic, 2009 Download

USGS, Digital Orthophoto, 2009 Download

Contract: W91238-07-F-0030

Edition: Draft

Date: March 2009



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 New York



Figure 28-1
 Ticonderoga Range (old) (RRNY000026)

29.0 TICONDEROGA TRAINING RANGE (NEW)

29.1 Ticonderoga Training Range (new) Summary

29.1.1 Ticonderoga Training Range (new) Overview and Description

Two NYARNG small arms ranges have been known as the Ticonderoga Range in NYARNG documents. The original range, used until 1975, is called the Ticonderoga Range (old) and is described in Section 28. A subsequent range, built in 1986, is known as the Ticonderoga Training Range (new), and is discussed in this section.

The former Ticonderoga Training Range (new) is located on privately-owned property in the Town of Ticonderoga, Essex County, NY. As shown on Figure ES-1, Ticonderoga is located in the Adirondack Park Preserve, on the border of Vermont. The only NDNODS eligible MRS identified at this site is a former small arms range. Currently, the area where the range was located is pasture land used as a cattle farm and no evidence of the former range was found during the site field visit.

29.1.2 Ticonderoga Training Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was identified by the NGB. The only reference available regarding this range is a 2003 State Owned/State Operated (SOSO) CTT Range Inventory Report. The site location was obtained from a map in this report.

The former range property is privately-owned; therefore, an ROE was signed and submitted by the owner on 21 October 2008. The site field visit was conducted on 9 December 2008. During the site visit, the NYARNG NDNODS Team walked the area of the suspected former range, and no evidence of a former range was found (see Figure 29-1). To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 29.5 for the photograph log.

29.1.3 Ticonderoga Training Range (new) Critical Data Sources

The only data source found for the Ticonderoga Training Range (new) is the 2003 SOSO CTT Inventory Report (NY0242) which includes background information and a map showing the range location.

29.2 Ticonderoga Training Range (new) MRS Data

Table 29-1 provides a brief summary of each MRS associated with Ticonderoga Training Range (new).

Table 29-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Ticonderoga Training Range (new)	RRNY000027	Transferred	Private	Agricultural w/o Housing	NA	105.00

Total Acreage	105.00
----------------------	---------------

29.2.1 Ticonderoga Training Range (new) Summary

According to the 2003 SOSO CTT Inventory Report, the Ticonderoga Training Range (new) was a training area in Ticonderoga, NY, used by the NYARNG for small arms training. The training area, which consisted of 105 acres, was active from 1986 through 1994. No additional information regarding this range is available.

No evidence of the former range was observed during the 9 December 2008 site visit. During the site visit, the property owner escorted the field team to the former location of the target berm, which was in front of a ridge; however, no remnants of the targets remained. Currently, the site is a pasture used for cattle farming. The site location is shown on Figure 29-1 and a photograph log is included in Section 29.5. All supporting documents and interview logs are provided in Appendix C of this report.

29.3 Ticonderoga Training Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Ticonderoga Training Range (new).

Table 29-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Ticonderoga Training Range (new)	Ms.	Huestis	Susan	Relative of Lessor	
Phone	Unlisted		Address	Unlisted	
DSN					
Fax					
Email	Ticonderoga, New York				
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Ticonderoga Training Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Ticonderoga Training Range (new) MRS Table provides detailed information on the MRS (s) included in the inventory.

Table 29-3: MRS Table			
NDNODS Name	MRS Name	Status	
Ticonderoga Training Range (new)	Ticonderoga Training Range (new)	Transferred	
Range Description			
The Ticonderoga Training Range (new) (RRNY000027) was a small arms range used by the NYARNG from 1986 to 1994. This MRS, covering 105 acres in Ticonderoga, NY, is located on a privately-owned pasture used for cattle farming. The site is bounded on all four sides by agricultural property.			
MRS ID			
RRNY000027			
UTM Zone	UTM X	UTM Y	Construction Year
18	624479.11	4861001.2	1986
Topography	Vegetation	Soil Type	
Flat with Gorges or Gullies	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Agricultural w/o Housing	1995		
Historic Uses	Start Year	End Year	
Training Area/Maneuver Area	1986	1994	

UTM = Universal Transverse Mercator

The Ticonderoga Training Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 29-4: Munitions Table		
NDNODS Name	MRS Name	
Ticonderoga Training Range (new)	Ticonderoga Training Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1986	1994

The Ticonderoga Training Range (new) Ownership Table provides detailed information on MRS ownership.

Table 29-5: Ownership Table				
NDNODS Name	MRS Name			
Ticonderoga Training Range (new)	Ticonderoga Training Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	This MRS is located on a privately-owned cattle farm.	Transfer	1994	NA

The Ticonderoga Training Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 29-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Ticonderoga Training Range (new)	Ticonderoga Training Range (new)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	This property is partially fenced, with a cattle gate.	LPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Ticonderoga Training Range (new) Demographics Table provides information on MRS demographics.

Table 29-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Ticonderoga Training Range (new)	Ticonderoga Training Range (new)	City	Ticonderoga	New York	USA

The Ticonderoga Training Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 29-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name		MRS Name	
Ticonderoga Training Range (new)		Ticonderoga Training Range (new)	
Special Status Species		Cultural Resources	
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.		According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.	
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
20	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

29.4 Ticonderoga Training Range (new) Notes

From 1950 to 1975, the NYARNG operated another range in Ticonderoga, near Penfield Lake. This MRS, called the Ticonderoga Range (old), is discussed under Section 28.

29.5 Ticonderoga Training Range (new) Interview and Photograph Logs

Table 29-9: Interviews		
Name	Title	Interview
Huestis, Susan	Relative of Lessor	Sue Huestis, a relative of the former lessor of the range, was contacted to obtain background information for the range. According to Ms. Huestis, her husband's uncle owns the property that the NG used as the rifle range. The range, located at Lot 33, is currently a pasture and is no longer an active range. Ms. Huestis does not believe any remnants of the range remain. Her husband and uncle both served in the NYARNG, which is how she thinks the lease for the range came about.



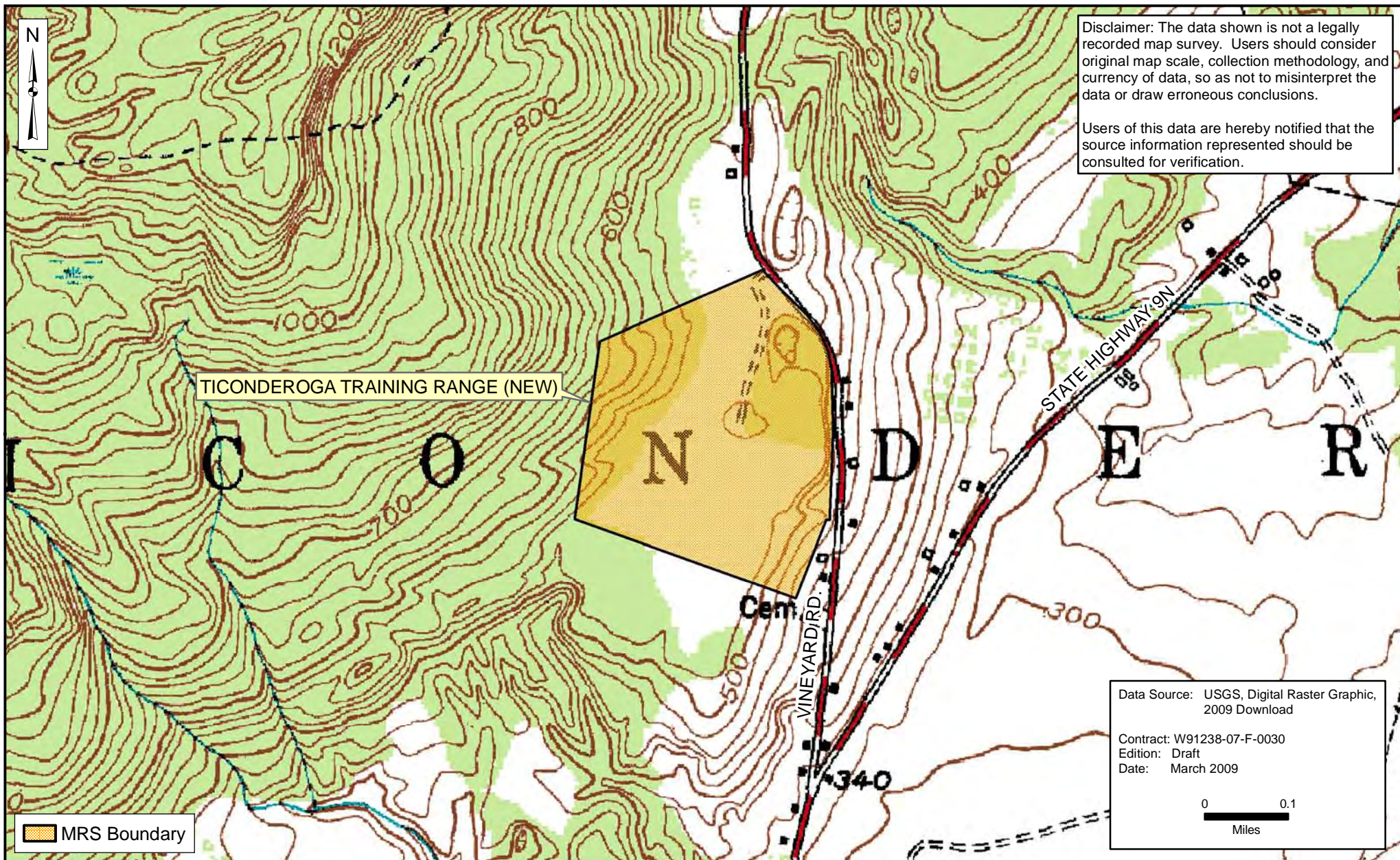
Photograph 1: View west from Vineyard Road towards gate leading into property
(9 December 2008)
Ticonderoga Training Range (new) (RRNY000027)



Photograph 2: View west towards approximate location of target berm,
as indicated by property owner (9 December 2008)
Ticonderoga Training Range (new) (RRNY000027)



Photograph 3 View west toward back stop
(9 December 2008)
Ticonderoga Training Range (new) (RRNY000027)



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Figure 29-1
Ticonderoga Training Range (new) (RRNY000027)

30.0 VAN CORTLANDT PARADE GROUNDS

30.1 Van Cortlandt Parade Grounds Summary

30.1.1 Van Cortlandt Parade Grounds Overview and Description

The former Van Cortlandt Parade Grounds are located in a park owned by the NYC Department of Parks and Recreation in Bronx, NY (refer to Figure ES-1). Bronx, NY, the northernmost of NYC's five boroughs, is located in Bronx County. The only NDNODS eligible MRS identified at this site is a former small arms range. The area where the range was located is currently a recreational area, and no evidence of a former range was found during the site field visit.

30.1.2 Van Cortlandt Parade Grounds Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

The Van Cortlandt Parade Grounds MRS was first identified in an Annual AG Report obtained from the National Archives. Based on internet research, it was determined that the MRS is now a NYC park. The site location was obtained from a map on the NYC Department of Parks and Recreation website.

Since this MRS is owned by NYC, an ROE was not required. A field site visit to the former range was conducted on 9 October 2008. During the site visit, the NYARNG NDNODS team walked the area of the former range and no evidence of the former range was found. The majority of the site is developed as a recreational area with baseball fields; a small portion of the site contains a wooded area (refer to Figure 30-1). To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 30.5 for the photograph log.

30.1.3 Van Cortlandt Parade Grounds Critical Data Sources

Critical data sources for the Van Cortlandt Parade Grounds include a 1 June 1890 NY Times article (NY0092) that describes the opening of the parade grounds, a 20 April 1919 NY Times article (NY0228) that describes a Military Show that occurred at this MRS, and a NYC Department of Parks and Recreation map of Van Cortlandt Park that shows the site location. Background information regarding this MRS was obtained from the NYC Department of Parks and Recreation website.

30.2 Van Cortlandt Parade Grounds MRS Data

Table 30-1 provides a brief summary of each MRS associated with Van Cortlandt Parade Grounds.

Table 30-1: MRS Ownership Use And Access Restriction Table

MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Van Cortlandt Parade Grounds	RRNY000028	Transferred	Local Government	Recreational	NA	62.00
Total Acreage						62.00

30.2.1 Van Cortlandt Parade Grounds Summary

In 1889, the NYARNG began making plans to build a small arms firing range on the east side of Van Cortlandt Park. The range would have a maximum firing line of 1,000-yards and was to be used for volley and file firing, as well as skirmish drills. The Van Cortlandt Parade Grounds, located on the Van Cortlandt estate, was subsequently built and was opened on 31 May 1890 when the NYARNG held a sham battle at the site. During this battle, a guardsman lost the sight in his eye as the result of a gunshot wound sustained during field maneuvers.

It is unknown when use of the parade grounds and range ended; however, it is believed to be sometime in 1919. According to the NYC Department of Parks and Recreation website, the NYARNG used the Van Cortlandt Parade Grounds for training exercises until the end of WWI. A NY Times article indicated that a Military Show was held at the parade grounds on 20 April 1919 to commemorate the end of the war. According to the article, more than \$100,000 worth of powder and military signal fireworks were to be used in the show, which reportedly included:

- An exhibition of trench warfare, including a demonstration of guns of all sizes in action, along with the explosion of grenades and trench mortars
- A night display of military pyrotechnics
- A heavy artillery display at the Broadway Battery (corner of Broadway and Mosholu Parkway)
- An exhibition by the Chemical Warfare Services, including the release of gasses and liquid fire. It should be noted that the article noted that the gasses were made harmless for the spectators.

No evidence of the former range was observed during the 9 October 2008 site visit and no information regarding the layout of the range is available. Currently, Van Cortlandt Park is part of the NYC Parks System; the parade ground was located on the southwest portion of Van Cortlandt Park. During the site visit, the former parade grounds contained baseball fields and a wooded area. The site location is shown on Figure 30-1 and a photograph log is included in Section 30.5. All supporting documents are provided in Appendix C of this report.

30.3 Van Cortlandt Parade Grounds Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Van Cortlandt Parade Grounds.

Table 30-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Van Cortlandt Parade Grounds	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN				New York State Division of Military and Naval Affairs	
Fax				330 Old Niskayuna Road	
Email	peter.jensen1@us.army.mil		Latham, New York		

The Van Cortlandt Parade Grounds MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 30-3: MRS Table			
NDNODS Name	MRS Name	Status	
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds	Transferred	
Range Description			
The Van Cortlandt Parade Grounds (RRNY000028) was a small arms range used by the NYARNG from 1890 to circa 1919. This MRS, which consists of 62 acres in Bronx, NY, is located on property currently owned by the NYC Department of Parks and Recreation. The majority of the property is developed as a recreational area with baseball fields. A small portion of the site is wooded with maintained paths. This MRS is bounded by Broadway (Route 9) to the west and other areas of Van Cortlandt Park to the north, south, and east.			
MRS ID			
RRNY000028			
UTM Zone	UTM X	UTM Y	Construction Year
18	593146.14	4527591.25	1890
Topography	Vegetation	Soil Type	
Flat	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Recreational	1919		
Historic Uses	Start Year	End Year	
Small Arms	1890	1919	
Other	1919	1919	

UTM = Universal Transverse Mercator

The Van Cortlandt Parade Grounds Munitions Table provides detailed information on the munitions used on this MRS.

Table 30-4: Munitions Table		
NDNODS Name	MRS Name	
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds	
Munitions Description	Start Year	End Year
Small Arms	1890	1919
Hand Grenades	1919	1919
Mortars, High Explosives	1919	1919
Pyrotechnics	1919	1919

The Van Cortlandt Parade Grounds Ownership Table provides detailed information on MRS ownership.

Table 30-5: Ownership Table				
NDNODS Name	MRS Name			
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds			
Ownership	Ownership Description	Type	Start Year	End Year
Local Government	This MRS is currently owned by the NYC Department of Parks and Recreation.	Transfer	1919	NA

The Van Cortlandt Parade Grounds Land Use Restrictions Table provides information on MRS land use restrictions.

Table 30-6: Land Use Restrictions Table

NDNODS Name	MRS Name	Restriction Type	Restriction	Restriction Description	Public Access
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds	NA	NA	This MRS is a recreational area in the NY City parks system and there is no barrier preventing access to any part of the MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

NPA = No Public Access: The public does not have any access to the MRS.

LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.

RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.

UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Van Cortlandt Parade Grounds Demographics Table provides information on MRS demographics.

Table 30-7: Demographics Table

NDNODS Name	MRSName	Type	Name	State	Country
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds	City	Bronx	New York	USA

The Van Cortlandt Parade Grounds Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 30-8: Environmental and Cultural Resources Stewardship Table

NDNODS Name	MRS Name	Special Status Species	Cultural Resources
Van Cortlandt Parade Grounds	Van Cortlandt Parade Grounds	According to the NYSDEC Environmental Resource Mapper, this MRS contains three NYS threatened plants; woodland agrimony (<i>Agrimonia rostollata</i>), hop sedge (<i>Cyperus lupulinus</i> ssp. <i>Lupulinus</i>), carolina cranesbill (<i>Geranium carolinianum</i> var. <i>sphaerospermum</i>) and eight NYS endangered plants; swamp oats (<i>Sphenopholis pensylvanica</i>), prairie wedgegrass (<i>Sphenopholis obtusata</i>), glaucous sedge (<i>Carex glaucodea</i>), virginia three-seeded mercury (<i>Acalypha virginica</i>), rough avens (<i>Geum virginianum</i>), hyssop-skullcap (<i>Scutellaria integrifolia</i>), bent sedge (<i>Carex styloflexa</i>), and field beadgrass(<i>Paspalum</i> leave).	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
20	Unknown	Potentially Low	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

30.4 Van Cortlandt Parade Grounds Notes

There are no additional notes for the Van Cortlandt Parade Grounds.

30.5 Van Cortlandt Parade Grounds Interview and Photograph Logs

Table 30-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



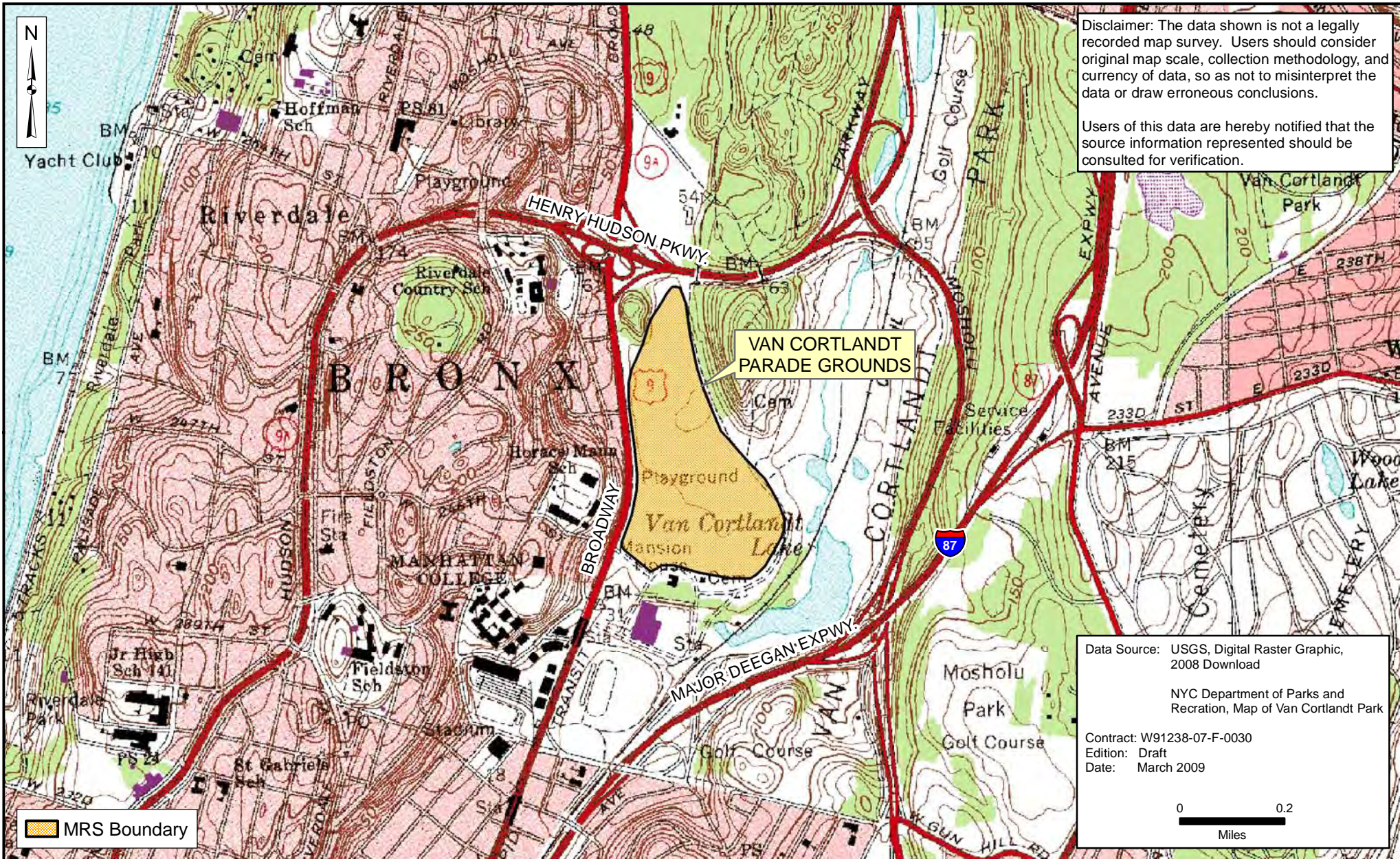
Photograph 1: View of ball fields looking southeast from northwest corner of park
(9 October 2008)
Van Cortlandt Rifle Range (RRNY000029)



Photograph 2: Concrete slab foundations at eastern edge of ball fields, adjacent to woods
(9 October 2008)
Van Cortlandt Rifle Range (RRNY000029)



Photograph 3: Typical view of woods between ball fields and golf course (9 October 2008)
Van Cortlandt Rifle Range (RRNY000029)



Disclaimer: The data shown is not a legally recorded map survey. Users should consider original map scale, collection methodology, and currency of data, so as not to misinterpret the data or draw erroneous conclusions.

Users of this data are hereby notified that the source information represented should be consulted for verification.

Data Source: USGS, Digital Raster Graphic, 2008 Download

NYC Department of Parks and Recreation, Map of Van Cortlandt Park

Contract: W91238-07-F-0030
Edition: Draft
Date: March 2009



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Figure 30-1
Van Cortlandt Parade Grounds (RRNY000028)

31.0 WALTON RIFLE RANGE (NEW)

31.1 Walton Rifle Range (new) Summary

31.1.1 Walton Rifle Range (new) Overview and Description

Two NYARNG ranges have existed in Walton. The original range was used until 1922 when it was closed due to safety issues. The original range is discussed on the Ineligible Table in Appendix D under Walton Rifle Range (old). Construction of the subsequent range, the Walton Rifle Range (new), was completed in 1925.

The former Walton Rifle Range (new) is located on privately-owned property in the Town of Walton, Delaware County, NY. As shown on Figure ES-1, Walton is approximately 25 miles from the Pennsylvania border, near Catskill State Park. During the site visit no evidence of the former range was observed. Currently, the area where the former range was located contains Northeast Fabricators, LLC, a custom metal fabricator, dozens of residential properties, Walton Central School, Delaware Valley Hospital and Delaware County Mental Health Clinic, and several small businesses.

31.1.2 Walton Rifle Range (new) Data Collection and Coordination

Each NDNODS is unique in terms of the amount and quality of data regarding each MRS, as well as the depth of experience and knowledge of the personnel available for interviews. The data collection team attempted to contact as many applicable offices and review as many record repositories as possible. The specific records reviewed and the personnel interviewed are provided in Appendix A.

This range was first identified in government documents obtained from the National Archives. These documents, which included lease agreements, Annual AG Reports, and NYARNG memoranda, identified a range used by the NYARNG in Walton, NY. The site location was obtained from the description in the lease agreement.

It should be noted that due to the large number of properties covered by the former range location, access was only obtained for 30-35 William Street, the property where it appeared the former firing point was located. This property is currently occupied by Northeast Fabricators, LLC. Since this property is privately-owned, an ROE was signed and submitted by the owner on 10 September 2008, and a field site visit was conducted on 4 December 2008. During the site visit, the NYARNG NDNODS team walked the area of the suspected former firing point and no evidence of a former range was found (refer to Figure 31-1). To document site conditions, the field team took field notes and photographs and recorded the coordinates of pertinent site features with a GPS. Refer to Section 31.5 for the photograph log.

31.1.3 Walton Rifle Range (new) Critical Data Sources

Critical data sources for the Walton Rifle Range (new) include a 1922 NYARNG letter (NY0019) that gives the approximate location of the range, a 1926 letter from the NYARNG AG to the Chief of the Militia Bureau (NY0019), which contains background information and a description of the range, a 1925 NYARNG memorandum (NY0028), which gives the start use date, and a 1925 lease agreement (NY0028) that describes the range location and dimensions of land leased. The actual range location was determined from two documents; a 1922 NYARNG memoranda and a 1926 NYARNG letter (NY0019).

31.2 Walton Rifle Range (new) MRS Data

Table 31-1 provides a brief summary of each MRS associated with Walton Rifle Range (new).

Table 31-1: MRS Ownership Use And Access Restriction Table						
MRS Name	MRS Number	Status	Owner	Current Use	Land Use and Access Restrictions	Acreage
Walton Rifle Range (new)	RRNY000029	Transferred	Private, Commercial, Local Government, Local Government	Industrial/ Production Facilities, Commercial, Residential - Single Family, Medical/ Hospital, Schools/ Child Care Facilities	NA	4.00
					Total Acreage	4.00

31.2.1 Walton Rifle Range (new) Summary

From an unknown date until 1922, a NYARNG range was present in Walton, NY. In 1922, the NYARNG deemed this range a "menace to life and property"; therefore, the lease was canceled and a new location for a range was found. The old range is discussed on the Ineligible Table in Appendix D under Walton Rifle Range (old). Construction of the Walton Rifle Range (new), which was suitable for pistol, rifle, and MG firing, was completed in 1925. This range, located on approximately 4 acres, had concrete target butts, five targets on sliding frames, a target storage house, and firing points up to 600 yards. The Walton Rifle Range (new) was used by the Co. F, 10th Infantry from 1925 to 1955. The end use date is unknown since the range is listed as active in a 1955 Annual AG Reports; however, no reports after 1955 are available.

According to 1922 and 1926 NYARNG memoranda the 600-yard firing point for the range was located several hundred feet from the armory. The armory is shown on the USGS Walton quadrangle as being located by South and Holley Streets, near William Street. The 1926 letter indicates the range was located at the south end of William Street with Bear Spring Mountain was used as a natural backstop. A 1925 USGS Walton quadrangle shows undeveloped property extending southeast from William Street approximately 1,500 feet to the base of Bear Spring Mountain, a mountain that rises over 1,000 feet above Walton. The undeveloped property is bounded by a cemetery to the west and a roadway to the east. Therefore, firing occurred either north to south or northwest to southeast.

Due to the large number of properties covered by the former range location, a site field visit was only conducted at Northeastern Fabricators, LLC since it appeared likely that this property was where the former firing point was located. No evidence of the former range was observed during the site visit, and Kathryn Cole, who works in the office, and William Brodner, a partner in the company informed the field team that they have not seen any evidence of a former range on their site. According to Ms. Cole, in the 1940s this property was occupied by a Silk Mill. If so, it is possible the firing point was at a different location.

The site location is shown on Figure 31-1 and a photograph log is included in Section 31.5. All supporting documents and interview logs are provided in Appendix C of this report.

31.3 Walton Rifle Range (new) Summary Tables

The following tables summarize the Inventory Data Requirements per 10 U.S.C. 2710 for Walton Rifle Range (new).

Table 31-2: POC Table					
NDNODS Name	Title	Last Name	First Name	POC Title	POC Org
Walton Rifle Range (new)	Mr.	Jensen	Peter	Environmental Program Manager	NYARNG
Phone	518-786-4548		Address	JFHQ – NY	
DSN	New York State Division of Military and Naval Affairs				
Fax	330 Old Niskayuna Road				
Email	peter.jensen1@us.army.mil		Latham, New York		

The Walton Rifle Range (new) MRS Table provides detailed information on the MRS(s) included in the inventory.

Table 31-3: MRS Table			
NDNODS Name	MRS Name	Status	
Walton Rifle Range (new)	Walton Rifle Range (new)	Transferred	
Range Description			
The Walton Rifle Range (new) (RRNY000029) was a small arms range used by the NYARNG from 1925 to 1955. According to the lease, the range occupied an oblong strip of land 645 yards long by five rods wide (one rod equals 5.5 yards). Therefore, this range covered approximately 4 acres. Currently, the former range is occupied by a custom metal fabricator, dozens of residential properties, Walton Central School, Delaware Valley Hospital and Delaware County Mental Health Clinic, and several small businesses. The site is bounded by mountains to the south, a cemetery to the west, and residences to the west, north, and east.			
MRS ID			
RRNY000029			
UTM Zone	UTM X	UTM Y	Construction Year
18	489415.51	4667671.37	1925
Topography	Vegetation	Soil Type	
Flat with Gorges or Gullies	Barren or Low Grass	Silt/Silty-Clay	
Current Use	Start Year		
Industrial/ Production Facilities	1956		
Commercial	1956		
Residential - Single Family	1956		
Medical/ Hospital	1956		
Schools/ Child Care Facilities	1956		
Historic Uses	Start Year	End Year	
Small Arms	1925	1955	

UTM = Universal Transverse Mercator

The Walton Rifle Range (new) Munitions Table provides detailed information on the munitions used on this MRS.

Table 31-4: Munitions Table		
NDNODS Name	MRS Name	
Walton Rifle Range (new)	Walton Rifle Range (new)	
Munitions Description	Start Year	End Year
Small Arms	1925	1955

The Walton Rifle Range (new) Ownership Table provides detailed information on MRS ownership.

Table 31-5: Ownership Table				
NDNODS Name	MRS Name			
Walton Rifle Range (new)	Walton Rifle Range (new)			
Ownership	Ownership Description	Type	Start Year	End Year
Private	A portion of the area where the former range was located contains privately-owned residential property.	Transfer	1956	NA
Commercial	A portion of this MRS contains businesses including Northeast Fabricators, LLC.	Transfer	1956	NA
Local Government	A county-owned hospital is located on part of this MRS.	Transfer	1956	NA
Local Government	A portion of this MRS contains a city-owned school.	Transfer	1956	NA

The Walton Rifle Range (new) Land Use Restrictions Table provides information on MRS land use restrictions.

Table 31-6: Land Use Restrictions Table			
NDNODS Name	MRS Name		
Walton Rifle Range (new)	Walton Rifle Range (new)		
Restriction Type	Restriction	Restriction Description	Public Access
NA	NA	There are no barriers preventing access to any portion of this MRS.	UPA

PUBLIC ACCESS DEFINITIONS:

- NPA = No Public Access: The public does not have any access to the MRS.
- LPA = Limited Public Access: The public does have some access to the MRS, but that access doesn't involve any digging, only surface access, such as livestock grazing or use as a wildlife preserve or refuge.
- RPA = Restricted Public Access: The public does have some access to the MRS and that access may involve some surface disturbance, such as agricultural use, forestry, recreation, and vehicle or supply storage facility use.
- UPA = Unrestricted Public Access: There are no restrictions on the use of the MRS (excavation is allowed).

The Walton Rifle Range (new) Demographics Table provides information on MRS demographics.

Table 31-7: Demographics Table					
NDNODS Name	MRSName	Type	Name	State	Country
Walton Rifle Range (new)	Walton Rifle Range (new)	City	Walton	New York	USA

The Walton Rifle Range (new) Environmental and Cultural Resources Stewardship Table provides information on environmental and cultural resources associated with the MRS.

Table 31-8: Environmental and Cultural Resources Stewardship Table			
NDNODS Name	MRS Name		
Walton Rifle Range (new)	Walton Rifle Range (new)		
Special Status Species	Cultural Resources		
According to the NYSDEC Environmental Resource Mapper, there are no threatened or endangered species on this MRS.	According to the website for the National Register of Historic Places, there are no known cultural resources on this MRS.		
Groundwater Depth (feet)	Constituent Flag	UXO Density	Drinking Water Potential
10	Unknown	NA	Potential
Final Remedy in Place Year	SWMU Number	IRP Number	
NA	NA	NA	

SWMU = Solid waste management unit

31.4 Walton Rifle Range (new) Notes

From an unknown date until 1922, a NYARNG range was present in Walton, NY. In 1922, the NYARNG deemed this range a "menace to life and property"; therefore, the lease was canceled and a new location for a range was found. The old range is discussed on the Ineligible Table in Appendix D under Walton Rifle Range (old).

31.5 Walton Rifle Range (new) Interview and Photograph Logs

Table 31-9: Interviews		
Name	Title	Interview
No Interviews Conducted.		



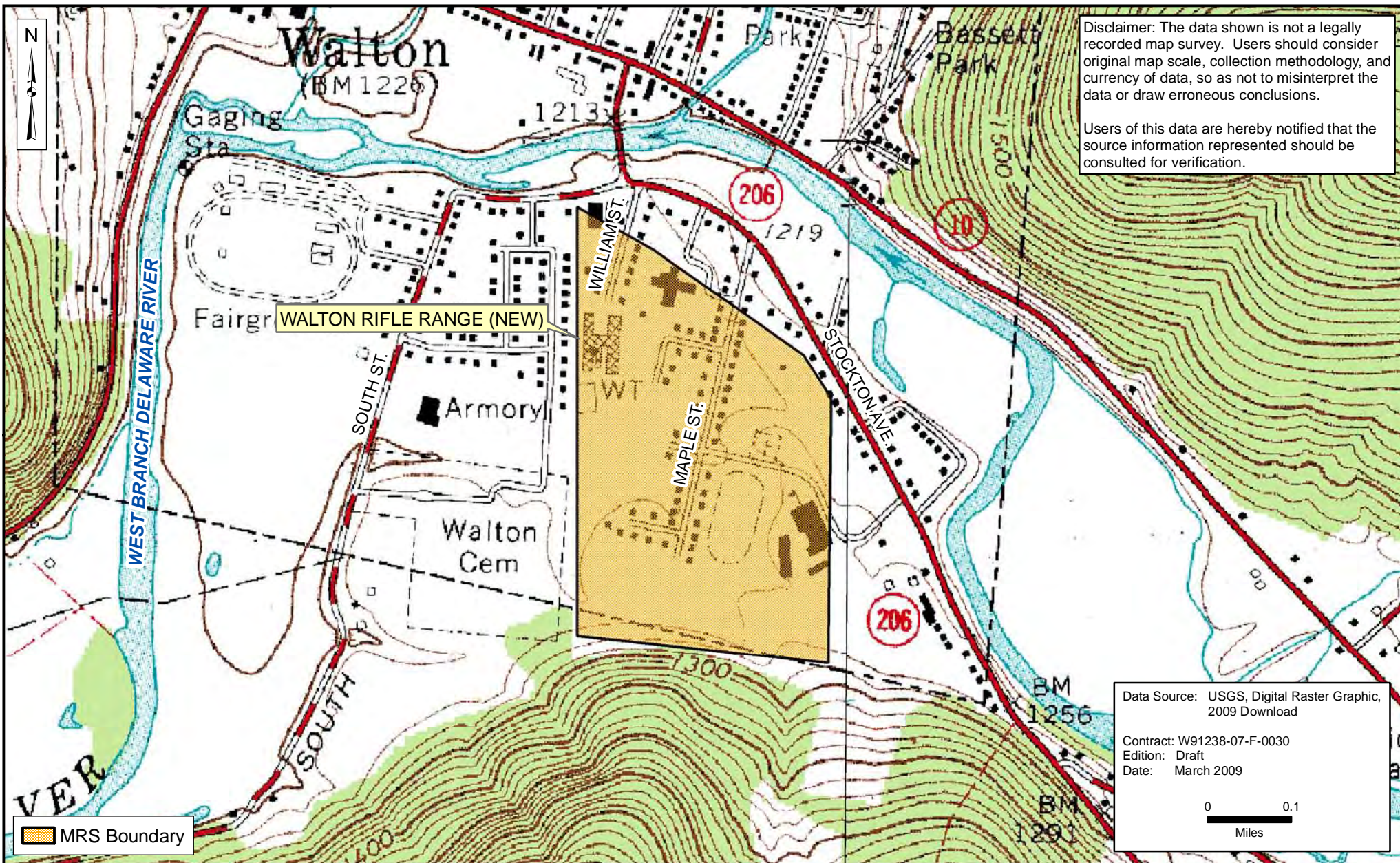
Photograph 1: View looking east at front of facility
(4 December 2008)
Walton Rifle Range (RRNY000030)



Photograph 2: View looking north from rear of facility
(4 December 2008)
Walton Rifle Range (RRNY000030)



Photograph 3: View looking south from rear of facility; hills are shown in the distance
(4 December 2008)
Walton Rifle Range (RRNY000030)



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Figure 31-1
Walton Rifle Range (new) (RRNY000029)

Appendix A – References, Interviews, and Other Research

- NY0019 Commanding General, New York National Guard. *Purchase of Rifle Ranges*. Prepared for the Adjutant General of New York. 12 April 1926.
- NY0021 Benjamin Linfoot, Captain of 121 Cavalry. *Safety of National Guard Home Station Small Arm Ranges*. Prepared for Headquarters, New York National Guard. 17 May 1934.
- NY0022 J. McI. Carter, Brigadier General, U.S. Army. *Lease of Rifle Range*. Prepared for the Adjutant General of New York. 3 January 1921.
- NY0024 P. W. Rutledge, Lt. Col., NGB, Assistant to the Chief. *Renewal of Lease*. Prepared for the Adjutant General of New York. 19 July 1941.
- NY0025 WM. A. Yalor, Colonel, Infantry NY. NG., U.S. Property and Disbursing Officer. *Catskill Target Range Lease*. Prepared for the Adjutant General of New York. 5 January 1932.
- NY0026 J. S. Thompson, Brigadier General, Officer in Charge and Control, Medina State Armory. *Safety of National Guard Home Station Small Arms Ranges*. Prepared for Commanding General NYNG. 19 May 1934.
- NY0028 Benj. L. Jacobson, Major, F.D., M.B., Assistant. *Lease between Marcus Townsend and Janette Reynolds and Alex Townsend and Colonel J. Weston Myers, United States Property and Disbursing Officer for New York*. Prepared for the Adjutant General. 20 July 1925.
- NY0030 O.C. Hammond, Assistant to the Chief, Militia Bureau. *Lease Agreement between Rice Brothers Company and the State of New York*. Prepared for the Adjutant General. 6 September 1924.
- NY0031 *Compliance with Inspection of Rifle Range at Queensbury*. 5 June 1924.
- NY0032 Office of Instr. 105th Infantry, State Armory. *Inspection of Target Range and Lands*. Prepared for OICNGA 2nd. CA. 4 June 1924.
- NY0036 New York National Guard. *Armories*. Prepared for the Adjutant General of New York. 17 January 1933.
- NY0037 W.R. Smedberg, Jr., Colonel, N.G.E. *List of Armories*. Prepared for Col. John R. Kelly. 28 November 1933.
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- NY0234 Utica Daily Press. *Mohawk Rifle Range Nellis Property*. 9 May 1907.
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- NY0243 National Guard Bureau. *Army Active and Inactive Range Summary and Reference, Guilderland WETS*. 10 October 2001.
- NY0244 Malcolm Pirnie, Inc. Telecon Log. 14 October 2008.
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Telephone calls to NY Armories (by Peter Jensen). Various Dates. No pertinent information obtained.

Correspondence for Amsterdam Range:

Telephone call to Johnstown Tax Assessors Office. 6/19/2008. No pertinent information obtained.

Telephone call to Montgomery County's Department of History and Archives. 6/19/2008. No pertinent information obtained.

Correspondence for Auburn Rifle Range:

Telephone calls to Cayuga-Owasco Lakes Historical Society. 6/23/2008, 7/18/2008. No pertinent information received.

Email to Cayuga County Historian. 7/21/2008. Nancy Assmann suggested I contact Anthony Gero who has written a book about NY National Guard.

Telephone call to Auburn Armory. 7/3/2008. No pertinent information received.

Email Anthony Gero. 9/9/2008. No pertinent information received.

Telephone calls to Wayne Lear, former NYS trooper and Auburn Tax Service Agency. 9/15/2008. Information received indicating site still active.

Telephone call to Falcon Sportsmen Club/Joe Donofrio. 6/26/2008. No pertinent information received. Need to make request for information in writing and send to PO Box 83, Auburn, NY 13021.

Correspondence for Binghamton Armory:

Telephone call to Binghamton Armory. 9/11/2008. Sergeant Perry from the armory confirmed that range was indoor and is no longer used.

Correspondence for Binghamton Rifle Ranges (old and new):

Telephone call to Roberson Museum and Science Center. 6/23/2008. No pertinent information received.

Telephone Call to Binghamton Town Historian. 7/18/2008. No pertinent information received.

Telephone Call to Broome County Historical Society. 7/23/2008. No pertinent information received.

Telephone Calls/Emails to Binghamton Rifle Range. 7/29/2008 and 7/31/2008. No pertinent information obtained for Binghamton Rifle Range (old). Location of Binghamton Rifle Range (new) obtained.

Telephone Call to Village Historian. 7/29/2008. No pertinent information obtained for Binghamton Rifle Range (old). Location of Binghamton Rifle Range (new) obtained.

Correspondence for Camp O'Ryan:

Telephone call to Wyoming Historical Society. 6/19/2008. No pertinent information received.

Telephone calls to Wethersfield Tax Assessors Office. 6/19/2008 and 6/20/2008. Obtained site location, ownership information, and current site usage.

Correspondence for Catskill Rifle Range:

Telephone call to Greene County Historical Society and e-mail to Vedders Research Library. 9/9/2008
No pertinent information received.

Correspondence for Claverack LTA:

Telephone call to Greene County Historical Society. 9/9/2008. No pertinent information received.

Telephone call to Hudson County Historian. 9/10/2008. No pertinent information received.

Telephone call to Claverack Town Historian. 9/10/2008 and 9/22/2008. The town historian indicated that there were no ranges at Claverack LTA; it was used as a road construction training area.

Correspondence for Creedmoor Rifle Range:

Telephone call to NYC Department of Parks and Recreation. 6/23/2008. No pertinent information obtained.

Telephone call to Queens Historical Society. 7/3/2008. No pertinent information obtained.

Telephone call to Creedmoor Psychiatric Center/Queens Co. Farm Museum. 9/12/2008. Obtained confirmation of range location.

Correspondence for Elmira Rifle Range:

Telephone call/e-mail to Horseheads Historical Society. 6/24/2008 and 7/18/2008. No pertinent information received.

Telephone call to Big Flats Historical Society. 7/22/2008. No pertinent information received.

Correspondence for Geneseo Armory:

Telephone call to Geneseo Tax Assessors Office. 6/23/2008. Obtained location and ownership information.

Telephone calls to Geneseo Armory. 9/9/2008 and 9/15/2008. Individual at the armory indicated it used to have an indoor range.

Correspondence for Geneseo Rifle Range (old and new):

Telephone call to Livingston County Historical Society. 6/24/2008 and 6/27/2008. Obtained information regarding site location for both ranges.

Correspondence for Geneva Rifle Range:

Telephone call to Geneva Historical Society. 6/24/2008. No pertinent information received.

Telephone call to Geneva Armory. 7/22/2008. No pertinent information received.

Telephone calls to Town Residents (formerly owned range property). 7/30/2008 and 8/8/2008. Obtained site location and property owner.

Correspondence for Glens Falls Range:

Telephone call to Queensbury Tax Assessors Office. 6/18/2008. Information obtained includes site location and property owner.

Correspondence for Gloversville Rifle Range:

Telephone call to Fulton County Historical Society & Museum. 6/24/2008. Information obtained regarding potential gun clubs in town. This range does not appear to be the same as the Gloversville Rifle Range as it is in a different location.

Telephone call to Pine Tree Rifle Club. 6/26/2008. No pertinent information received.

Correspondence for Hoosick Falls Range (old and new):

Telephone call to Hoosick Township Historical Society. 6/24/2008. Information obtained includes site locations and property owners for both ranges.

Email to Hoosick Falls tax assessor, Anthony Rice, ricetime@netzero.com. 7/9/2008. Information obtained includes site acreage and property owner for both ranges.

Correspondence for Hornell Rifle Range (new):

Telephone call to Remsen-Steuben Historical Society. 6/25/2008. No pertinent information received.

E-mailed City of Hornell Tax Assessor (vdempsey@cityofhornell.com). 7/9/2008. Obtained location and property owner.

Correspondence for Jamestown Range:

Telephone call to Chautauqua Township Historical Society. 6/25/2008. No pertinent information received.

Telephone call to Fenton Museum. 6/26/2008 and 6/30/2008. Information obtained includes location of range.

Correspondence for Medina Range:

Telephone call to Medina Historical Society. 6/25/2008. No pertinent information received.

Telephone calls to Medina Tax Assessor. 9/9/2008 and 9/12/2008. No pertinent information received.

Correspondence for Malone LTA:

Telephone call to Franklin County Historical and Museum Society. 6/25/2008. No pertinent information received.

Telephone call to Bare Hill Correctional Facility. 9/17/2008. No pertinent information received.

Telephone call to Franklin County Tax Services. 9/17/2008. Background information regarding range obtained.

Telephone call to Malone Tax Assessor. 9/17/2008. No pertinent information received.

Telephone call to Franklin County Clerk's Office. 9/17/2008. No pertinent information received.

Correspondence for Mohawk Rifle Range:

Telephone call to Herkimer County Historical Society. 6/25/2008. Information obtained includes site location and background information for range.

Telephone call to Elmer Smith, Former Guardsmen. 8/27/2008. Information obtained includes confirmation of site location and background information for range.

Correspondence for Ogdensburg Range:

Telephone call to Madrid Historical Society. 6/25/2008 and 7/3/2008. No pertinent information received.

Telephone call to St. Lawrence Tax Service Agency. 9/9/2008. Information obtained includes site location.

Correspondence for Olean Range:

Telephone call to Olean Historical & Preservation Society. 6/25/2008. Information received includes range location.

Telephone call to Jeanne Ahrens, local resident. 8/7/2008. Background information received.

Telephone call to Phil Smith, local resident. 8/7/2008. Background information received.

Correspondence for Oneida Armory:

Telephone call to Oneida Armory. 9/10/2008. Individual at the armory indicated it used to have an indoor range.

Correspondence for Oneida Range:

Telephone call to Town of Madison Historical Society. 6/25/2008, 6/27/2008, and 7/14/2008. Information received includes approximate range location.

Correspondence for Oneonta Range (old and new):

Telephone call/e-mail to Greater Oneonta Historical Society. 6/27/2008, 7/3/2008, and 7/22/2008. Information obtained includes location of old range. No pertinent information received for new range.

E-mail to Oneonta Sportsmen's Club, info@oneontasportsmentsclub.net. 7/18/2008. Information obtained includes location of old range. No pertinent information received for new range.

Correspondence for Oswego Rifle Range:

Telephone call to Oswego County Historical Society. 7/3/2008. No pertinent information received.

Telephone call to Fort Ontario State Historic Site. 7/3/2008. No pertinent information received.

Correspondence for Poughkeepsie Rifle Range:

Telephone call to the Dutchess County Historical Society/LaGrange Tax Assessors Office. Information received includes site location and property owner.

Correspondence for Rensselaer Wyck Range:

Telephone call to Town of Rensselaer County Historical Society. 6/20/2008. No pertinent information received.

Telephone call to Town of Rensselaer Tax Assessors Office/Town of Greenbush Tax Assessors Office. 6/27/2008. Information received includes site location and property owner

Correspondence for Saratoga Springs Rifle Range:

Telephone call to Saratoga County Historical Society//Saratoga Springs History Museum. 6/25/2008. No pertinent information received.

E-mail from NY State Military Museum/Courtney Burns. 7/2/2008. Information obtained includes background information about range.

Telephone call to Saratoga Springs History Museum. 7/3/2008 1:55:00 AM. No pertinent information received.

Telephone call to Saratoga Springs Police Department. 7/29/2008. Information received includes site location and background information.

Correspondence for Schenectady Rifle Range:

Email to Forbes Rifle Pistol Club Inc., Guy Gamello [guy12061@yahoo.com]. 7/10/2008. Mr. Gamello confirmed Schenectady Rifle Range used to used by NYARNG.

Correspondence for Syracuse Rifle Range:

Telephone call to Manilus Historical Society. 6/25/2008. No pertinent information received.

Telephone call to Manilus Tax Assessor. 9/10/2008. No pertinent information received.

Telephone call to Onondaga Historical Society. 9/10/2008. No pertinent information received.

Correspondence for Ticonderoga Range (old and new):

Telephone call to Ticonderoga Historical Society. 6/20/2008. Background information received.

Telephone call to Ticonderoga Tax Assessors Office/Elizabethtown Tax Assessor. 6/20/2008. Information received includes site location, property owner, and background information.

Correspondence for Truxton LTA:

Telephone call to Truxton Town Historian. 6/25/2008. No pertinent information received.

Telephone call to Cortland County Historian. 7/28/2008. No pertinent information received.

Telephone call to Truxton Tax Assessor. 7/14/2008. Information received includes site location and property owner.

Correspondence for Utica Rifle Range:

Telephone call to Oneida Historical Society. 6/25/2008. No pertinent information received.

Telephone call to Town of Frankfort Clerk. 6/25/2008. No pertinent information received.

Telephone call to Town of Frankfort Library. 6/25/2008. No pertinent information received.

Correspondence for Walton Rifle Range:

Telephone call to Walton Tax Assessor's office. 6/18/2008. Information received includes property owner.

Telephone call to Walton Historical Society. 6/18/2008. No pertinent information received.

List of Websites Accessed

Binghamton Rifle Club. 29 July 2008. <http://www.binghamtonrifleclub.org/>

Census Bureau. 29 September 2008. <http://www.census.gov/>

Fish and Wildlife Services. 29 September 2008.
http://training.fws.gov/library/pubs5/web_link/text/pal_form.htm

Forbes Rifle and Pistol Club. 10 July 2008. <http://www.forbesrifleandpistolclub.org/>

Genesee Valley Chapter Adirondack Mountain Club. 09 December 2008. http://www.gvc-adk.org/outings/hiking/rifle_range.php

Historic Map Works, Binghamton, Broome County. 17 December 2008.
<http://www.historicmapworks.com/Map/US/9992/Port+Dickinson/Broome+County+1876/New+York/>

Historic Map Works, Geneseo, Livingston County. 9 January 2009.
<http://www.historicmapworks.com/Atlas/US/7091/Livingston+County+1902/>

Historic Map Works, Herkimer, Herkimer County. 6 January 2009.
<http://www.historicmapworks.com/Atlas/US/6920/Herkimer+County+1906/>

Historic Map Works, Horseheads, Chemung County. 17 December 2008.
<http://www.historicmapworks.com/Map/US/55784/Plate+020+++Big+Flats++Horse+Heads++Breesport/Chemung+County+1904/New+York/>

National Rifle Association. 02 October 2008. <http://nrahq.org/shootingrange/findlocal.asp?State=NY>

New York City Department of Parks and Recreations. 29 September 2008.
http://www.nycgovparks.org/sub_your_park/vt_van_cortlandt_park/vt_van_cort_02.html

New York City Department of Parks and Recreations. 10 December 2008.
<http://www.nycgovparks.org/parks/VanCortlandtPark>

New York State Department of Environmental Conservation. 29 September 2008.
<http://www.dec.ny.gov/animals/6975.html>

New York State Department of Environmental Conservation, Environmental Resource Mapper. 13 October 2008. <http://www.dec.ny.gov/imsmaps/ERM/viewer.htm>

New York State Department of Environmental Conservation, Environmental Site Remediation Database. 19 November 2008. <http://www.dec.ny.gov/cfm/external/derexternal/>

New York State Military Museum and Veterans Research Center. 29 September 2008. http://www.dmn.state.ny.us/forts/fortsA_D/bluefieldsCamp.htm

New York State Office of Mental Health. 11 November 2008. <http://www.omh.state.ny.us/omhweb/facilities/crpc/history.htm>

New York State Office of Real Property Services. 11 November 2008. <http://www.orps.state.ny.us/ref/asmtdata/taxmappingresources.htm>

Olean Airport. 12 January 2009. <http://oleanairport.org/history/>

Palisades Park Conservancy. 10 July 2008. <http://www.palisadesparkconservancy.org/parks/20/>

Rifle Range Trail. 22 October 2008. http://www.gvc-adk.org/outings/hiking/rifle_range.php

Rifle Range Trail, Ellison Park Wetlands Center. 22 October 2008. http://www.penfield.org/media/maps_Rifle_Range_Trail.pdf

The Abbey of the Genesee. 28 August 2008. <http://www.geneseeabbey.org/>

Town of Ossining. 10 July 2008. www.townofossining.com/info/history-demos.htm

Town of Penfield Trails. 09 December 2008. http://www.penfield.org/index.php?pr=Town_Trails

University of New Hampshire Library, Historic USGS Maps of New England and New York. 29 September 2008. <http://docs.unh.edu/nhtopos/nhtopos.htm>

Wikipedia, Camp O'Ryan. 19 November 2008. http://en.wikipedia.org/wiki/Camp_O%27Ryan#cite_ref-12

Wikipedia, Cannonsville Reservoir. 02 October 2008. <http://en.wikipedia.org/wiki/Cannonsville>

Wikipedia, Geneseo, NY. 12 January 2009. http://en.wikipedia.org/wiki/Geneseo,_New_York

Wikipedia, Rush, NY. 09 December 2008. http://en.wikipedia.org/wiki/Rush,_New_York

Appendix B – Rights-of-Entry

Rights of entry for the following properties were submitted by the USACE and signed by the property owners:

One Right-of-Entry for Amsterdam Range (RRNY000001), two Rights-of-Entry for Binghamton Rifle Range (New) (RRNY000002), two Rights-of-Entry for Elmira Rifle Range (RRNY000006), one Right-of-Entry for Geneseo Range (New) (RRNY000008), one Right-of-Entry for Geneseo Range (Old) (RRNY000007), two Rights-of-Entry for Geneva Rifle Range (RRNY000009), one Right-of-Entry for Hoosick Falls Range (Old) (RRNY000011), one Right-of-Entry for Jamestown Rifle Range (RRNY000014), four Rights-of-Entry for Mohawk Rifle Range (RRNY000017), one Right-of-Entry for Olean Target Range (New) (RRNY000019), one Right-of-Entry for Oneonta Rifle Range (Old) (RRNY000021), three Rights-of-Entry for Saratoga Springs Rifle Range (RRNY000025), one Right-of-Entry for Ticonderoga Training Range (New) (RRNY000027), and one Right-of-Entry for Walton Rifle Range (New) (RRNY000029) were submitted and granted during the NYARNG NDNODS Inventory.

Rights of entry for the following properties were submitted by the USACE and there was no response by the property owners:

One Right-of-Entry for Mohawk Rifle Range (RRNY000017), One Right-of-Entry for Olean Target Range (RRNY000019), Two Right-of-Entry for Oneida Range (RRNY000020), One Right-of-Entry for Poughkeepsie Rifle Range (RRNY000022), One Right-of-Entry for Ticonderoga (Old) (RRNY000026).

Rights of entry for the following properties were submitted by the USACE and were given a verbal response by the property owners:

One Right-of-Entry for Hoosick Falls (New) (RRNY000012).

Appendix C – Document Log

Maps

- Buffalo and Tonawanda* . Map. 1903 (NY0207)
Buffalo and Tonawanda . Map. 1903 (NY0208)
Chemung County Atlas. Map. 1904 (NY0205)
 Geneseo Range Map. (NY0239)
Map of the Cities of Albany and Rensselaer, NY. 1933. (NY0120)
Ogdensburg Lisbon Map. 1896. (NY0231)

Reports

- Town of Penfield Trail System. *Rifle Range Trail, Ellison Park Wetlands Center* (NY0226)
- 1876 *Annual Report of the Adjutant-General of the State of New York*. 5 January 1876. (NY0165)
- 1877 *Annual Report of the Adjutant-General of the State of New York*. 8 January 1877 (NY0166)
- 1877 *Forest and Stream* Vol. 7. Page 395. 25 January 1877. (NY0085)
- 1882 *Annual Report of the Adjutant-General of the State of New York for the year of 1879*. 28 March 1882. (NY0169)
- 1887 *Annual Report of the Adjutant-General of the State of New York*. 13 January 1887. (NY0170)
- 1890 *Annual Report of the Adjutant-General of the State of New York*. 20 February 1890. (NY0171)
- 1890 *New York Times. Noise and Glory Galore*. 1 June 1890. (NY0092)
- 1891 *Annual Report of the Adjutant-General of the State of New York*. 24 January 1891. (NY0173)
- 1900 *Oneonta Herald Newspaper. Delaware & Hudson Railroad*. 21 June 1900. (NY0241)
- 1907 *Utica Daily Press. Mohawk Rifle Range Nellis Property*. 9 May 1907. (NY0234)
- 1910 *Forest and Stream* Vol. 75. No. 15. *New York's New Rifle Range*. 8 January 1910. (NY0108)
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Appendix D – State/Territory Ineligible Site Information

Appendix D - New York Ineligible Site Table

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Auburn Range	Throop/Cayuga	7513 Robinson Road, Throop, NY	Small Arms	Small Arms	Local Government	Cayuga County	Unknown	Operational Private/Public	Continuing Release	This site was identified by NGB. The Auburn Rifle Range, which had four targets with 200 to 600 yard firing lines, was used by the 108th Infantry. Prison guards from the Auburn State Prison also used this range. This range was used by the NYARNG from 1876 until 31 March 1969 (NY0019; NY0069; NY0179; NY0185). A former NY state trooper in NYS, Wayne Lear, indicated he used to use the range when he was a trooper; he also indicated that the Auburn prison currently runs this range. A person at the tax agency indicated that the range is still active and is used by the prison guards and the police.
Batavia Range	Batavia/Genesee	unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1878 to 1890, a rifle range for the NYARNG was located in Batavia by 1878. This range is also mentioned in an 1878 Annual AG Report. No further information regarding this range is available (NY0086; NY0087; NY0088; NY0167). It should be noted that Camp O'Ryan is located in Batavia; however, Camp O'Ryan did not open until 1949.
Bay View Rifle Association	Buffalo/Erie	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	An 1877 Annual AG Report indicated the NYARNG started using the Bay View Rifle Association rifle range in 1876. This range was located near Buffalo, on a lake, and consisted of approximately 60 acres (NY0166; NY0085-NY0088). No further information regarding this range is available.

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Binghamton Armory/OMS#13	Binghamton/Broome	85 West End Avenue, Binghamton, NY 13905	Armory	Small Arms	State	NY State	Unknown	Unknown	Other-Indoor Range	This site was identified by NGB. According to a 1933 document, a small bore range was associated with the armory; the document does not indicate if this was an indoor or outdoor range (NY0036). According to Sergeant Perry who currently works at the Binghamton Armory, this armory did have an indoor range. This range, which was last used over 20 years ago, has since been removed and the room was reportedly cleaned. NYARNG POC contacted nearby armories, no additional information was obtained.
Binghamton Rifle Range (old)	Port Dickinson/Broome	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	An 1877 Forest and Stream article and an 1878 Annual AG Report indicate a rifle range was constructed in Binghamton in 1876 (NY0067; NY0085; NY0167). In 1924, this range was deemed a "menace to life and property"; therefore, the existing lease was canceled and a location for a new range was found. The Binghamton Rifle Range (new) is discussed in Section 4 (NY0036). The Binghamton Rifle Range (old) does not appear on a historic 1904 Binghamton USGS topographic map (http://historical.maptech.com/). Several historical societies were contacted to determine if they had any additional information regarding this range; however, no pertinent information was received.
Camp Roe	Yorktown/Westchester	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to an Annual AG Report, in 1902 a guardsman lost his left eye as the result of a gunshot wound sustained while on field service at Camp Roe, Lake Mohegan, NY (NY0067). The only other information regarding this camp is a 1901 NY Times article that describes a march from Camp Roe to West Point (NY0125).
Canandaigua Range	Canandaigua/Ontario	Unknown	Small Arms	Small Arms	Unknown	Unknown	Active	Unknown	No Spatially Definable Boundaries	An 1887 Annual AG Report indicated the NYARNG had a range in Canandaigua, on the lake. The targets were put up in 1885 (NY0170). No further information regarding this range is available.

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Catskill Rifle Range	Catskill and Athens/Greene	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	This range, built in 1900, was located in the towns of Athens and Catskill and was used by a Howitzer Company associated with the NYARNG 10th Infantry (NY0019; NY0025; NY0176). The range reportedly had 4 targets with 200 to 600 yard firing lines (NY0069). It is unknown when NYARNG stopped using this range; however, the renewal lease ran through 1932 with an option to renew through 1942. According to the lease, the range was bounded on the west by Catskill Creek and was located approximately 6 miles from the armory, which was located at 78 Water Street (NY0025; NY0037). This range does not appear on a historic 1938 Catskill USGS topographic map. The local historical society, library, and museum were contacted to determine if they had any additional information regarding this range; however, no pertinent information was received.
Claverack LTA	Hudson/Columbia	300 Fish and Game Road, Hudson, NY	Other	None	Private	Perry and Sara Brandston	Unknown	No Known Training or Range Area	No Munitions Use	This site was identified by NGB. Claverack LTA encompasses 33 acres of private property which was leased to the NYARNG for light maneuver training. A lease from 1960 to 1978 indicates property near Post Road was used for outdoor training by the NYARNG (NY0183). A local historian indicated that no ranges were located at this property. According to the historian, this site was used for construction training.
Coldenham Rifle Range	Unknown/Unknown	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a 1910 NYARNG Annual AG Report, the Company E First Infantry from Newburgh NY conducted extra field small arms practice at the Coldenham Rifle Range in August 1910 (NY0067). No further information regarding this range is available.
Ellenville Range	Ellenville/Ulster	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1878 to 1890, a rifle range for the NYARNG was present in Ellenville by 1878. No further information regarding this range is available (NY0086-NY0088).

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Ellicottville Range	Ellicottville/Cattaraugus	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1878 to 1890, a rifle range for the NYARNG was present in Ellicottville by 1877. This range is also mentioned in an 1878 Annual AG Report. No further information regarding this range is available (NY0086-NY0088; NY0167).
Fishkill Plains Range	Unknown/Dutchess	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	A 1915 Annual AG Report indicates that field training, involving the use of combined arms, was conducted for the following organizations at Fishkill Plains in Dutchess County, NY: 1st Brigade, 7th, 12th, 69th, and 71st Infantry, Squad A Calvary, Battery F 2nd Field Artillery, and MG Troop, Calvary (NY0068). No further information regarding this range is available.
Fulton Range	Fulton/Unknown - Town of Fulton in Schoharie and Fulton City in Oswego	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	A 1933 document indicated the NYARNG was renewing a lease for a range in Fulton; the lessor was the Holly Bros. (NY0019). No further information regarding this range is available.
Geneseo Armory/OMS#3 Range	Geneseo/Livingston	34 Avon Street (aka Rt 39), Geneseo	Armory	Small Arms	State	NY State	Unknown	Operational	Other-Indoor Range	This site was identified by NGB. Contact was made with an individual who works at the armory (Doug; no last name given) and he gave the following information: 1) There was a rifle range in the basement up until 1987. The lead contamination in the room where the rifle range was located was cleaned up and the room has been painted; 2) The armory is still used by an active combat unit who conducts drills there.
Geneva Rifle Range (old)	Geneva/Ontario	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	An 1888 Annual AG Report indicated the 34th Separate Company was using a rifle range in Geneva. At that time it was reported that the range is "not as good as should be." This range was condemned in 1889 (NY0171; NY0172). No further information regarding this range is available.

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Glen Drake Range	Mount Vernon/Westchester	Unknown	Small Arms	Small Arms	Unknown	UnKnown	Unknown	Unknown	No Spatially Definable Boundaries	An 1876 NYARNG Annual AG Report indicated that the Fifth Division had established a rifle range in Pelhamville, known as the Glen Drake Range. This range was located on 64 acres in the southeast part of Westchester County in Mount Vernon (NY0165; NY0166; NY0168). This range is not on the official NYARNG rifle range list in 1879. No further information is available (NY0086-NY0088).
Gloversville Rifle Range	Town of Johnston/Fulton	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	This range, which was used by NYARNG MG Company (Co. H of 105th Infantry), was constructed in 1910 and had four steel double targets with 600, 800, and 1000-yard firing points. The range was only used for rifle shooting since it was unsafe for MG fire due to a road crossing the range approximately 700 yards from the butts as well as the presence of nearby barns (NY0019; NY0032; NY0176). Reportedly, use of this range was discontinued on June 30, 1938 (NY0050). This range is not shown on a 1903 USGS topographic map (Gloversville Quad NE). A contact at the Fulton County Historical Society & Museum indicated that this range is still actively used by the Pine Tree Rifle Club. However, it was determined that Pine Tree Rifle Club and this range are not the same.
Goshen Rifle Range	Goshen/Orange	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to an 1876 NYARNG Annual AG Report, a temporary rifle range was established for the NYARNG in Goshen in 1876. No further information regarding this range is available (NY0165).
Grand View Range	Albany/Unknown	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1878 to 1890 and an 1878 Annual AG Report, a new rifle range for the NYARNG was completed in Albany in 1878. The range was known as Grand View. No further information regarding this range is available (NY0086; NY0087; NY0088; NY0167).

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Groveland Range	Groveland/Livingston	Route 63 South, one mile south of Mt. Morris Road, Groveland, NY	Small Arms	Small Arms	Private	Private	None	Operational	Continuing Release	David Parish, the Historian of Geneseo, was contacted to obtain information regarding two former NYARNG ranges in Geneseo (NY0244). At that time, Mr. Parish indicated that there is also a range in Groveland, a town approximately 10 miles south of Geneseo. Therefore, Larry Turner, the Historian of Groveland, was contacted for additional information (NY0244). According to Mr. Turner, an active rifle range is located in a portion of town known as the Hermitage Track; the range has been there for at least fifty to sixty years. Sergeant (Sgt) Wolter of the Geneseo Armory confirmed the presence of the range (NY0244). According to Sgt Wolter, the unit uses the property for compass training, walk throughs, battle drills and shooting. He indicated shooting is conducted there very rarely (approximately once a year) since there is a lot of paperwork associated with shooting at the range. In addition to the NYARNG, the range is also used by sheriffs and troopers.
Guilderland WETS	Guilderland/Albany	Foundry Road, Guilderland NY 12084	Small Arms	Small Arms	State	NYARNG	Active	Operational	Continuing Release	This site was identified by the NGB. The types of military training conducted at Guilderland WETS include maneuver exercises, weapons training and bivouac training. This site is currently covered under ORAP and all of the ranges are located on operational area (NY0243).
Hornell Rifle Range (old)	Hornersville (Almond Dam)/Steuben	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	The original Hornell Rifle Range, which was located on Ruben Hart Farm on land owned by the Thacher Brothers, was used by NYARNG Co. K 108th Infantry and rifle clubs (NY0019). This range was constructed in 1892 and had four targets (rifle and pistol) with a maximum firing distance of 600 yards (NY0036; NY0052; NY0175). The lease for this range expired in 1929 and was not renewed (NY0036; NY0052). The local historical society was contacted; however, no pertinent information was received.

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Hudson Rifle Range	Hudson/Columbia	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a Forest and Stream article, an official NYARNG range was present in Hudson by 1879 (NY0088). This range is also mentioned in a 1910 Annual AG Report (NY0067). The Hudson Range does not appear on historic 1929 USGS topographic maps.
Ithaca	Ithaca/Tompkins	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a Forest and Stream article from 1877, a rifle range in Ithaca that was used by the NYARNG was closed due to lack of use. No further information is available (NY0086).
Kingston Rifle Range	Kingston/Ulster	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a Forest and Stream article and an 1879 Annual AG Report, an official NYARNG rifle range was present in Kingston in 1878 (NY0087; NY0168). This range is also mentioned in a 1910 NYARNG Annual AG Report (NY0067). The Kingston Range does not appear on historic 1898, 1903 or 1939 USGS Topographic maps.
Lockport Range	Lockport/Niagara	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles, an official NYARNG rifle range was constructed in Lockport in 1877. This range is also mentioned in an 1878 Annual AG Report. This range is not on the official NYARNG rifle range list in 1879. No further information is available (NY0086-NY0088; NY0167).
Lowville Range	Lowville/Lewis	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a Forest and Stream article, an official NYARNG rifle range was present in Lowville in 1879. No further information is available (NY0088).
Malone Range (old)	Malone/Franklin	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	It is unknown when this range was constructed; however, according to a Forest and Stream article, an official NYARNG rifle range was located in Malone in 1878 (NY0087; NY0088). According to an 1890 Annual AG Report, this range was condemned in 1889 when the NYARNG began looking for a location for a new range (NY0171).

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Medina Range	Ridgeway/Orleans	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	This site was identified by NGB. This range, which was constructed in 1900, had four targets with 200 to 600 yard firing lines. This range was used by NYARNG Co. F, 108th Infantry as well as five infantry units, two cavalry units, and several naval militia units of Rochester (NY0019; NY0101; NY0176). This range had a 40-foot hill as a backstop along with a 14-foot high, 80 foot long artificial backstop on top of the hill. Only rifles and pistols were used at the range, which was considered safe for firing .30-caliber and .45-caliber ammunition (NY0026). According to a 1972 document the lease for this range expired 30 June 1973 (NY0217). The Medina Range does not appear on historic 1950 USGS Topographic maps. Both the local historical society and tax assessor, Patricia Laszewski were contacted to determine if they had any additional information regarding this range; however, no pertinent information was obtained.
Middletown Rifle Range	Middletown/Orange	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	In 1892, a NYARNG rifle range was built in Middletown for the Twenty-Fourth Separate Company (NY0175). According to a 1910 Annual AG Report, the rifle range was still present (NY0067). No additional information is available. A rifle range in Middletown does not appear on a historic 1908 Goshen USGS Topographic maps.
Moravia Range	Moravia/Cayuga	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles and an Annual AG Report, an official NYARNG rifle range was present in Moravia in 1878 and 1879. No further information is available (NY0088; NY0168).

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Morsemere Rifle Range	Yonkers/Westchester	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to an 1876 Annual AG Report, an official NYARNG rifle range, known as Morsemere, had been established in the northern portion of Yonkers, on Broadway, near the Hudson River (NY0165). According to Forest and Stream articles, an official NYARNG rifle range was present in Yonkers in 1878 and 1879. No further information is available (NY0087; NY0088).
Newark LTA Range	Newark/Wayne	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Munitions Use	This site was identified by NGB. A Newark Training Area is mentioned in 1981 and 1984 Annual AG Reports (NY0083; NY0118). Reportedly, this training area consisted of 130 acres and was located approximately 30 miles east of Rochester. A 1986 NYARNG memo indicated the Newark site did not have a rifle range as it was located adjacent to occupied homes, farms, and a trailer court (NY0186).
Newburgh Range	Newburgh/Orange	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles, an official NYARNG rifle range was present in Newburgh in 1877 and 1879 (NY0085-NY0088). The range was located approximately 1¾ miles west of the Seventeenth Battalion armory (NY0169). No further information is available.
Olean Rifle Range (old)	Olean/Cattaraugus	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	A NYARNG rifle range was present in 1889 in Olean. At that time, the 100 and 200 yard firing points were not in good shape (NY0171). The rifle range was moved in 1891 at the property owner's request (NY0174).
Olean Rod and Gun Club Range	Olean/Cattaraugus	Olean Rod & Gun Club Inc., P.O. Box 109, Olean, NY 14760	Small Arms	Small Arms	Private	Private	Unknown	Operational Private/Public	Continuing Release	From 1969 to 1995 the NYARNG leased a 100 yard wide by 300 yard long parcel from the Olean Rod and Gun Club for use as a target range. According to an NRA listing of shooting ranges, this range is still active (NY0184).

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Oneida Armory	Oneida/Madison	217 Cedar Street, Oneida, NY	Armory	Small Arms	State	NY State	Unknown	Operational Private/Public	Other-Indoor Range	This site was identified by NGB. According to Patti Meakin at the Oneida Armory, there used to be an indoor range in the basement, which is currently an empty room. Reportedly, the NYARNG moved out of the armory in 1996; it is unknown when the range was removed. The armory is currently used by the City of Oneida as an administrative building.
Oneonta Range (new)	Oneonta/Otsego	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	Three ranges have been present in Oneonta. The first (called Oneonta Range (original)) in Appendix D was used until 1900. The second (called Oneonta Rifle Range (old) and included in Section 23 of the report, was used from 1900 to 1936. Use of the Oneonta Rifle Range (old) was discontinued in 1936 when a lease for the new range was signed (NY0131). The new range had five targets with 200 to 800 yard firing points and was safe for Cal 0.30 M1 ammunition. In 1942, the NYARNG recommended that the Walton Range and Oneonta Range be combined at the Oneonta location; it is unknown if this was done (NY0019; NY0101; NY0131). It is unknown when the use of this range was discontinued; however, NYARNG documents from 1949 through 1952 list the Oneonta Range as active (NY0099-NY0101; NY0161). This range is also mentioned in a 1959 NYARNG memo, although the memo does not indicate that the range was being used (NY0132). The local historical society was contacted; however, no pertinent information was received.

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Oneonta Range (original)	Oneonta/Otsego	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	It is unknown when this range was constructed; however, an official NYARNG rifle range was present in Oneonta in 1877 (NY0085-NY0088; NY0167). According to a 21 June 1900 article in the Oneonta Herald, "A new rifle range has been secured by Company G on the farm of Mrs. Moffett on lower Chestnut Street. The range is handy to the highway and trolley lines and will give better opportunities for practice than were afforded by the South Side range." No further information regarding this range is available.
Onsonta Rifle Range	Cannonsville/Delaware	Unknown	Unknown	Unknown	Unknown		Unknown	Unknown	No Spatially Definable Boundaries	The only mention of this range is in a 1926 NYARNG memo which indicates the range was located on the outskirts of the City of Onsonta in Cannonsville. The range was used by NYARNG Co. G 10th Infantry (NY0019). Cannonsville was flooded in 1964 to create the Cannonsville reservoir, which serves NYC. This was confirmed based on a comparison between the 1926 USGS Deposit Quadrangle Topographic map and a current Google aerial map.
Oswego Rifle Range	Oswego/Oswego	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	A NYARNG rifle range in Oswego is mentioned in an 1876 NY Times article and a 1910 Annual AG Report (NY0067; NY0084). Reportedly use of this range was discontinued in 1938 (NY0076). There is a FUDs site called the Naval Reserve Center, which is located at 41 Lake Street, Oswego, NY. Based on dates of use, it does not appear that the FUDs site and the Oswego Rifle Range are the same site. Several local historical societies were contacted and no pertinent information was obtained.
Penn Yan Range	Penn Yan/Yates	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles, an official NYARNG rifle range was present in Penn Yan in 1879 (NY0088). This range was abandoned in 1890 when the First Separate Company was disbanded (NY0173). No further information is available.

Site Name	Location (City/County)	Address	Range/Site Type	Munitions	Current Ownership	Current Owner	Other Program Eligibility	Range Status	Reason Ineligible	Documentation of Munitions Used by Guard
Port Henry Range	Port Henry/Essex	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles, an official NYARNG rifle range was present in Port Henry in 1878 and 1879. No further information is available (NY0087; NY0088).
Rochester (Goloh) Range	Golah/Monroe	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	This range was first identified in 1876 NY Times and Forest and Stream articles which indicated that the previous year a NYARNG rifle range had been established in Rochester (NY0084; NY0085). A 1924 Annual AG Report indicated that the Rochester Range was located in Goloh and that it consisted of four targets with 200 to 600 yard firing lines (NY0224). It is unknown when use of this range was discontinued; however, it is not mentioned in a 1925 Annual AG Report (NY0225). It should be noted that Goloh is a Hamlet in Rush, NY; Rush is located approximately 18 miles south of Rochester.

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Schenectady Rifle Range (new)	Guilderland/Albany	Forbes Rifle and Pistol Club, Rifle Range Road, Guilderland, NY	Small Arms	Small Arms	Private	Forbes Rifle and Pistol Club	Unknown	Operational Private/Public	Continuing Release	This range was located in Karners and was used by 105th Infantry in Schenectady, NYARNG Co. 3 of Cohoes, and six units of NYARNG 105th Infantry in Troy (NY0019). The range had a pistol, MG, and combat range, along with a range house, and was used annually for shooting tournaments and bridge matches. Firing lines from 200 to 1,200 yards were available. Although the construction date of the range is unknown, in 1926 it was reported that the targets on the range were about 15 years old. According to a memo from the NYARNG Assistant AG to the Chief of the NGB, use of the Schenectady Range was discontinued on June 30, 1939 (NY0037; NY0044). A 1950 USGS topographical map of the Albany Quad that shows the approximate range location was obtained during the archive search (NY0063). The tax assessor indicated that the Forbes Rifle and Pistol Club is located on the footprint of the former range. The Forbes Rifle and Pistol Club, which is active, was contacted and they confirmed that the NYARNG previously used this range for practice (NY0201).
Schenectady Rifle Range (old)	Schenectady/Albany	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to an 1891 Annual AG Report, the firing points for this range needed to be rebuilt. An 1892 Annual AG Report indicates the range was moved (NY0173; NY0174). No further information is available.
Sing Sing Range	Ossining/Westchester	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	An 1876 Annual AG Report indicates that the legislature passed an act in 1875 that provided for the construction of a rifle range at Sing Sing; the range was to be constructed using prison labor (NY0165). According to Forest and Stream articles, an official NYARNG rifle range was present in Sing Sing in 1878 and 1879 (NY0087; NY0088). No further information regarding this range is available.

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Syracuse Rifle Range	Manlius/Onondaga	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	The Syracuse Rifle Range, which had ten targets with 200 to 1,000 yard firing lines, was used by NYARNG 108th Infantry at Syracuse, Troop G NYARNG 101st Calvary and Battery A, NYARNG 104th Field Artillery, St. John's Military Academy, Manlius and civilian clubs (NY0019). It is unknown when this range was constructed; however, an official NYARNG rifle range was located in Syracuse in 1878 (NY0086-NY0088; NY0167). The NYARNG planned to move the equipment from the Auburn Range to Syracuse in 1942. It is unknown if this was done (NY0019). Due to the growth of civilian housing near the range, it was closed by the NYARNG in 1957 due to safety reasons (NY0129). A rifle range in Syracuse does not appear on historic 1943 USGS Topographic maps. The local historical society and tax assessor, Patrick Duffy were contacted to determine if they had any additional information regarding this range; however, no pertinent information was received.
Tarrytown Range	Tarrytown/Westchester	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a NY Times article a NYARNG rifle range was present in Tarrytown in 1876 (NY0084). No further information is available.
Troy Range	Troy/Rensselaer	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles and an Annual AG Report, an official NYARNG rifle range was present in Troy in 1878 and 1879. No further information is available (NY0087; NY0088; NY0168).

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Truxton LTA	Truxton/Cortland	Robbins and Wilson Road, Truxton, NY	Unknown	None	Private	Private	None	No Known Training or Range Area	No Munitions Use	This site was identified by the NGB. In 1952, the NYARNG determined that seven ranges in central NY (Auburn, Binghamton, Elmira, Oneida, Oneonta, Syracuse, and Utica) were in disrepair and needed to be replaced. Therefore, it was proposed that these ranges be abandoned and all of central NYARNG training activities be consolidated at a new range to be built in Truxton. This range was to have a 200-yard small arms range, a 1,000-inch MG and sub-caliber recoilless rifle range, a pistol range, and a sub-machine gun range. This site was also to be used for small unit tactical training. However, according to a 1957 NYARNG letter the range was never built and the lease was cancelled since the Truxton site did not meet Train-Fire requirements (NY0161; NY0198). This was corroborated by one of the property owners who indicated the site was never used as a range.

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Utica Rifle Range	Frankfort/Herkimer	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	It is unknown when this range was constructed; however, an official NYARNG rifle range was present in Utica in 1877 (NY0086-NY0088). According to a 1926 NYARNG memo, the Utica Range, which was used by NYARNG 10th Infantry and Troop G, NYARNG 1st Cavalry of Utica, had 500 and 1,000 yard firing points with slug butts. A MG range was built at the site sometime before 1933. In 1942, the NYARNG planned on closing the Mohawk Range and transferring the equipment to Utica; it is unknown if this was done (NY0019; NY0135). It is unknown when use of this range was discontinued. Although funds were requested in 1947 to make repairs to the range, a 1948 memorandum indicated the range was not being used due to safety concerns (NY0081; NY0082). A 1952 NYARNG memorandum listed the range as active for training on weekends (NY0161). A rifle range in Utica does not appear on a historic 1898 USGS Topographic map. The local historical society, town clerk, and library were contacted to determine if they had any additional information regarding this range; however, no pertinent information was received.
Walton Rifle Range (old)	Walton/Delaware	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	It is unknown when the Walton Rifle Range was constructed; however, a range in Walton is mentioned in a 1910 NYARNG document (NY0067). According to a 1924 document, the original Walton Range was deemed a "menace to life" by the NYARNG; therefore, the lease for the original location was cancelled and a new range was built sometime between 1924 and 1926 (NY0019). No further information regarding the original Walton Rifle Range is available.

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Warsaw Range	Warsaw/Wyoming	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1877 to 1890, a rifle range for the NYARNG was constructed in Warsaw in 1876. This range is also mentioned in an 1878 Annual AG Report. No further information is available (NY0085-NY0088; NY0167).
Watertown Range	Watertown/Oneida	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1877 to 1890 and an 1878 Annual AG Report, a rifle range for the NYARNG was constructed in Watertown in 1876. The lease for this range expired in 1897 (NY0085-NY0088; NY0167). No further information is available.
Wellsburgh Range	Wellsburgh/Chemung	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to an 1881 Annual AG Report, a range used by the NYARNG Thirty-Second Separate Company was constructed in Wellsburgh in 1880. It should be noted that Elmira and Wellsburgh are adjacent towns. However, the Elmira Range, located in Horseheads, and the Wellsburgh Range, are listed in the Annual AG Report as separate ranges (NY0235). No further information is available.
Westfield Range	Westfield/Chautauqua	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to Forest and Stream articles from 1877 to 1890, a rifle range for the NYARNG was constructed in Westfield in 1877. This range is also mentioned in an 1878 Annual AG Report. No further information is available (NY0085-NY0088; NY0167).
Whitehall Rifle Range	Whitehall/Washington	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to an 1879 Annual AG Report, the NYARNG Ninth Separate Company had a rifle range in Whitehall. The range was located west of the village in a valley and was approximately 500 yards long and 60 yards wide (NY0168). A Forest and Stream article mentions the presence of an official rifle range in Whitehall in 1878 and a rifle range in Whitehall is also mentioned in a 1910 document (NY0067). No further information regarding this range is available.

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Williamsville Range	Williamsville/Erie	Unknown	Small Arms	Small Arms	Unknown	Unknown	Unknown	Unknown	No Spatially Definable Boundaries	According to a 1901 Annual AG Report, a new field range was constructed in Williamsville for use by the Fourth Brigade in 1900 (NY0176). Reportedly, this range was closed in 1902 due to danger to the nearby residents (NY0177). However, this is contradicted by a 1903 Annual AG Report which indicated the range was still active (NY0178). No further information is available.