

HRR SUMMARY
NON-DEPARTMENT OF DEFENSE OWNED, NON-OPERATIONAL, DEFENSE SITES
(NDNODS) CAMP O'RYAN (NYHQ-008-R-01)

The March 2009 Final Preliminary Assessment (PA) for New York included one reference that had many different relevant documents that detailed Camp O'Ryan munitions response site (MRS) related information (site history, range type, location, range description, and estimated site usage dates) and site characteristics (e.g., geology, soil, vegetation, land use, etc.). In addition, range features were not observed during the associated PA site visit since the site visit was conducted from the road. Munitions used were determined based on range type and period of use. During the HRR information gap research no repositories were visited; however, online research was conducted as presented below. Based on the data collected, reviewed, and assessed from the PA and supplemental historic records review, the information was determined to be relevant and of sufficient quantity and quality to support site inspection (SI) planning and execution. The remaining data gaps include the exact camp boundary and dates of range usage; usage dates are estimated based on historical documents. This remaining data gap will neither create uncertainties regarding the completeness of the historic record review archive nor result in deficiencies in the SI planning or execution.

Eligibility of the site will be determined based on the outcome of the FUDS investigation.

PA

PA Data Resources and Findings

Range History, Configuration, and Munitions Used

HRR:

- 1987 Real Estate Planning Report and supplementary documents(1989 lease, 2007 NYSDEC letter) (NY0186)– Series of documents provided information regarding range location, range layout, site characteristics (flooding, topography, property use, etc.), photographs, and site visit notes, previous site inspections

Site Characteristics

- New York State Department of Environmental Conservation (NYSDEC) Environmental Resource Mapper – Threatened and endangered species and species of concern information
- National Register of Historic Places – Cultural resources
- USGS Digital Raster Graphic (2008) - location, topography
- 2008 Site Visit (PA Report) – Photographs, vegetation, and site features. Unrestricted public access - there are no barriers preventing access to the MRS.

PA Data Gaps

- Range usage dates were estimated based on documentation dates, and information regarding NESDEC sampling.

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Data Resources and Findings

- USGS – 1963 aerial photograph – range configuration including the rifle and pistol ranges.
- NYSDE C Site Investigation Report – description of the November 2008 SI; 31 soil samples were collected and were analyzed for total metal lead analyses.
- USACE-New England District – Final Sampling and Analysis Plan Preliminary Site Investigation – Wood Hall Group on behalf of USACE collected 18 pore water samples and four surface water samples and analyzed them for explosives, perchlorate, VOCs, SVOC, and lead.
- Weather Conditions/Climate – City-data.com (2010). May to September is the best time for fieldwork: monthly snowfall is less than 1 inch and average temperature is at least 50°F.
- Land Use – U.S. Census (2009) and Google Earth. Undeveloped (privately-owned property) and site visitors.
- Demographics – U.S. Census Bureau, 2009 estimate. Population of Wyoming County is 41,398, population of Wethersfield 912.
- Topography – USGS 2008 Topographic map. Hilly, 1630-1900 feet above sea level.
- Vegetation – Google Earth. The MRS is a undeveloped, heavily vegetated with some areas in the north that are grassy.
- Sensitive Species – Threatened and Endangered (T&E) Species System [TESS], U.S. Fish and Wildlife Service (USFWS). No T&E species.
- Habitat – National Park Service, U.S. Fish and Wildlife Critical Habitat Portal Database and Mapper.
- Wetlands – USFWS National Wetlands Inventory (2011) and USGS Topographic quadrangle map, date unknown. Wetlands occur at site.
- Cultural/Historical Resources – National Park Service, National Heritage Areas Program; National Historic Landmarks Program; National Register of Historic Places. No identified cultural resources.
- Geology and soil – U.S. Geological Survey (USGS)website and various publications and U.S. Department of Agriculture (USDA) website. Silurian and Devonian age consolidated sediments (carbonates, with minor sandstone) overly the older Paleozoic rocks. Moderately well drained channery silt loam on lake plains derived from glaciofluvial deposit.
- Hydrogeology – Olcott, Perry G., 1995. *Ground Water Atlas of the United States, Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont*, HA730-M, U.S. Geological Survey, 1995. Paleozoic Carbonate Aquifer.
- Groundwater – USGS (2011). No groundwater wells within the MRS.
- Surface Water – Google Earth and USGS Topographic quadrangle map, date unknown. Surface water present within the MRS.
- Screening Values – U.S. Environmental Protection Agency (USEPA), NYDEC, and USGS websites.

HRR Data Gaps

No significant data gaps.