

***FINAL*** State/Territory Inventory Report

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

**MICHIGAN**



***Prepared for:***



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## EXECUTIVE SUMMARY

### Purpose of the Inventory

The Michigan Army National Guard (MIARNG) 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 Michigan NDNODS Inventory Report (Final with Addendum) presents the results of the inventory. The Report findings were compiled primarily through an archive search (national, state, and local level), general internet search, review of Joint Forces Headquarters - Michigan records, interviews of personnel at, or involved with the State ARNG and/or NDNODS, and a state-wide site visit conducted from 09 September 2008 to 19 September 2008 and 15 December 2008 to 21 December 2008.

The MIARNG 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.

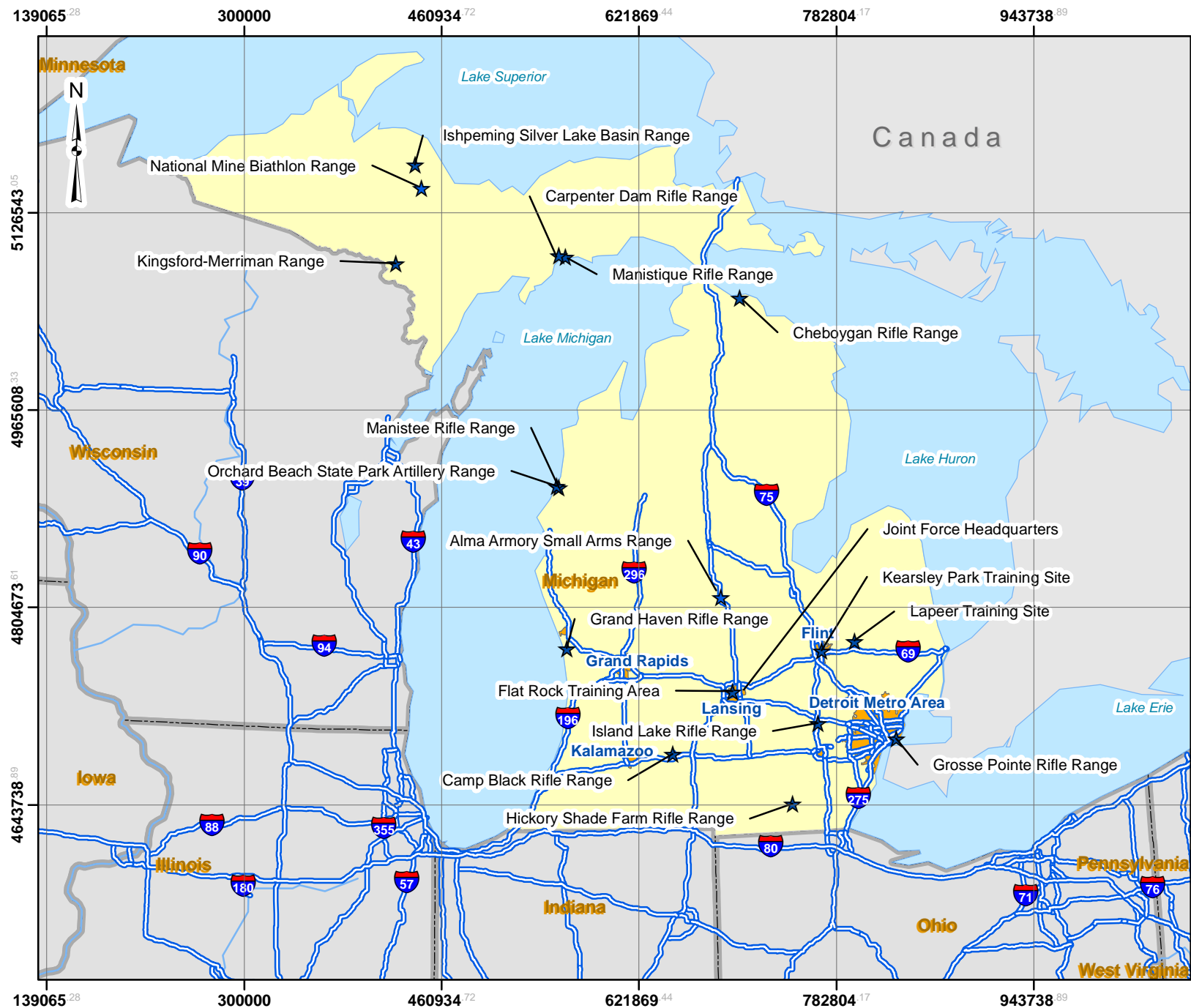
Summary of Results

<b>Table ES-1: Michigan NDNODS Inventory Summary</b>						
<b>NDNODS</b>	<b>MRS Name</b>	<b>MRS Number</b>	<b>Status (Closed or Transferred)</b>	<b>Total MRS Area (Acres)</b>	<b>Owner</b>	<b>Munitions</b>
Camp Black Rifle Range	Camp Black Rifle Range	RRMI000001	Transferred	3	Private	Small Arms
Carpenter Dam Rifle Range	Carpenter Dam Rifle Range	RRMI000002	Transferred	3	Private	Small Arms
Cheboygan Rifle Range	Cheboygan Rifle Range	RRMI000003	Transferred	2	State	Small Arms
Flat Rock Training Area	Flat Rock Training Area	RRMI000004	Transferred	290	Private	Large Caliber (37mm or larger), (Smoke, WP, Incendiary)
Grand Haven Rifle Range	Grand Haven Rifle Range	RRMI000005	Transferred	17	Unknown	Small Arms
Grosse Pointe Rifle Range	Grosse Pointe Target Range	RRMI000006	Transferred	20	Private	Small Arms
Hickory Shade Farm Rifle Range	Hickory Shade Farm Rifle Range	RRMI000007	Transferred	43	State	Small Arms
Ishpeming Silver Lake Basin Range	Ishpeming Silver Lake Range	RRMI000008	Transferred	45	Private, State	Small Arms; Riot Control Agents; Flares, Signals, Simulators, or Screening Smoke (other than white phosphorous)
Island Lake Rifle Range	Island Lake Rifle Range	RRMI000009	Transferred	21	Private	Small Arms
Kearsley Park Training Site	Kearsley Park Training Area	RRMI000010	Transferred	58	Local Government	Pyrotechnics
Kingsford-Merriman Range	Kingsford-Merriman Range	RRMI000011	Transferred	4	State	Small Arms
Manistee Rifle Range	Manistee Rifle Range	RRMI000012	Transferred	48	Private	Small Arms
Manistique Rifle Range	Manistique Rifle Range	RRMI000013	Transferred	3	Private	Small Arms
Orchard Beach State Park Artillery Range	Orchard Beach State Park Artillery Range	RRMI000014	Transferred	184	State	Large Caliber (37MM and Larger), High Explosives
Alma Armory Small Arms Range	Alma Armory Small Arms Range	RRMIA15001	Closed	1	State	Small Arms; Small Arms (complete rounds)
National Mine Biathlon Range	National Mine Biathlon Range	RRMI000015	Transferred	1	Local Government, Commercial	Small Arms; Small Arms (complete rounds)

# Non-Department of Defense Owned Non-Operational Defense Sites (NDNODS) Inventory



## Michigan MRS Map Figure ES-1



- Legend**
- ★ Eligible Site
  - Interstate Highway
  - ☪ Lake

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

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

0 102030  
 Miles



Data Source:  
 ESRI, Streetmap, 2006

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