

WATERVLIET ARSENAL

NEW YORK

LOCATION

Designated a National Historic Landmark, Watervliet Arsenal is located in the Tri-City Capital Region (Albany, Schenectady and Troy), about seven miles north of the state capital of Albany, in Albany County. It is an area historically and currently much involved with technology development, abounding with institutions of higher learning, most notably Rensselaer Polytechnic Institute; University at Albany; Union College; Albany Nanotech; and the birthplace and continuing home of the General Electric Company.

The installation itself is composed of flat terrain and occupies a 140-acre site along the Hudson River, convenient to water, rail and road transportation. (A 10-acre MFHA is located in Rotterdam, NY.) The distance from Watervliet Arsenal to the Port of Albany is 9 miles, and to Albany International Airport is 10 miles.

The arsenal enjoys a temperate climate, moderated by the Hudson River. Recent data show the average temperature ranging from 22° F in January to 71° F in July. Annual precipitation varies from 35 to 40 inches, and snow typically covers the ground from December through March.

SIZE

Acres: 150.08

Square Footage of Buildings: 2,173,845 SF

Plant Replacement Value: \$413,259,200

HISTORY

Watervliet Arsenal is the nation's oldest continuously active arsenal. Founded in 1813 to support the War of 1812, the arsenal's early years were devoted to production of gun carriages, leather goods, gunshot and the like. In 1887, it was selected as the "Army Gun Factory" and converted to cannon production. When the Spanish-American War began in 1898, the arsenal produced the nation's first 16-inch gun. In 1939, it responded to the start of World War Two by stepping up production and reactivating its apprentice school. Following the war, it assumed a major role in research and development of cannon, mortars, and recoilless rifles. The arsenal was heavily committed to support the Korean and Vietnam conflicts.

A 10-year \$350-million renovation program completed in 1992 has made the arsenal one of the most sophisticated automated heavy manufacturing and machining centers to be found in the public or private sectors. During the Gulf War conflict (1991), the Hard-Target Penetrator ("bunker buster") was developed and fielded by the arsenal. Support to OIF and OEF efforts have included manufacture of the HMMWV Armor Door Kits and the M939 A2 Truck Armor Kits, as well as expansion of tank and artillery cannon and mortar programs for the warfighter.

MISSIONS

Watervliet Arsenal is America's sole manufacturing facility for large caliber cannon in volume. The arsenal in conjunction with Benet Laboratories is aggressively working with the Arsenal Business and Technology Partnership in unique public/private partnering arrangements that strengthen its mission capabilities and maximize use of its facilities. The result is the Joint Manufacturing and Technology Center (JMTC) at Watervliet -- a premier fully qualified and experienced source with full capability to support spiral development requirements for cannon, gun tube, mortar and armament launch mechanism requirements for all Joint Services, and provides a high-technology center of excellence with critical life-cycle experience and capability.

The JMTC executes a full spectrum of research, design, development, engineering and agile manufacturing of defense products for all branches of the DoD, and the unique co-location of R&D and manufacturing facilities has proven effective in minimizing the time required for technology, engineering, prototyping and initial field deployment. Its products currently provide armaments for virtually all of the large caliber primary weapons of the United States non-rocket ground combat systems: Air Force C130 Gun Ship; Marine Corps and Army Howitzers and Mortars; Army Stryker Mobile Gun System; Army Abrams M1 Tank; Navy & Army Corps of Engineer Ship Propulsion shafts; Helicopter flight safety parts; Army Future Combat System armament prototypes; HMMWV Armor Door Kits; and Armor parts for the M939 A2 Truck.

Watervliet Arsenal is quality registered to the ISO 9001-2000 Standard.

MAJOR UNITS/TENANTS

Benet Laboratories
U.S. Army Health Clinic
U.S. Marine Corps Recruiting Battalion
New York Army National Guard
U.S. Army Recruiting Company
Sunmark Federal Credit Union
Arsenal Business and Technology Partnership
Arsenal Support Program Initiative (ASPI) tenants - Extreme Molding LLC, M+W Zander, Elmhurst Research Inc., HartChrom Inc., STEP Tools Inc., Solid Sealing Technologies, Springwood Group LLC.

POPULATION

	Authorized
Military	20
Civilian	823
Contractor	21
Student	0
Other	73
TOTAL	937