



RAW WATER STORAGE TANK

Construction and renovation of the USGS Great Lakes Science Center, located north of Millersburg, Michigan began in 2015 with the final phase to be completed in 2017. The total for the project is just under \$10 million. The renovation is a joint effort between the USGS and the Great Lakes Fishery Commission.

The USGS Hammond Bay Biological Station was established in 1950 under the Bureau of Sport Fisheries to develop control measures for the invasive sea lamprey, which had decimated Lake Michigan and Lake Huron populations of larger fish, such as lake trout, the native top predator. The facility, however, dates back to 1879, serving as a U.S. Coast Guard station until World War II. The historical building on the site will be renovated and preserved as a Michigan landmark.

Bluewater's role involved construction of a 64 ft diameter x 42 ft high, or 1 million gallon raw water storage tank and dome. Raw water is supplied to the tank by a new intake line in the lake. The tank then feeds the laboratory through a 30" diameter effluent line. The possible vacuum inside the tank created by the potential rapid drawdown of water, required special tank and dome engineering.



BLUEWATER ENGINEERED STORAGE SYSTEMS

MILLERSBURG, MICHIGAN

PROJECT

2016 Raw water storage tank and dome

Tank size: 64' X 42' Aquastore tank

Capacity: 1 million gallons

OWNERS

USGS and the Great Lakes Fishery Commission

USGS Great Lakes Science Center
Hammond Bay Biological Station
Millersburg, MI

BLUEWATER TEAM

Scott Burn

President

Oversees all operations throughout Michigan. His 15 years experience as a dealer for CST Storage along with his sales and construction experience is a valuable asset to the Bluewater team.

Mark Nelson

Sales Manager

Knowledge of the design and engineering of water and wastewater storage, Mark provides an understanding of the requirements for various applications.

Bill Waller

Project Manager

Certified Factory Trained Master Builder, with over 36 years of tank building experience in Michigan.