



**US Army Corps  
of Engineers**®  
Detroit District

## HARBOR INFRASTRUCTURE INVENTORIES

### New Buffalo Harbor, Michigan



**Harbor Location:** New Buffalo Harbor is located at the mouth of the Galien River on the southeast shore of Lake Michigan in Berrien County, about 45 miles east of Chicago, IL.

**Authority:** Rivers & Harbors Act of 1962.

**Project Description:** New Buffalo Harbor is a shallow draft recreational harbor with approximately 2,100 feet of maintained federal channel and more than 2,000 feet of breakwaters.

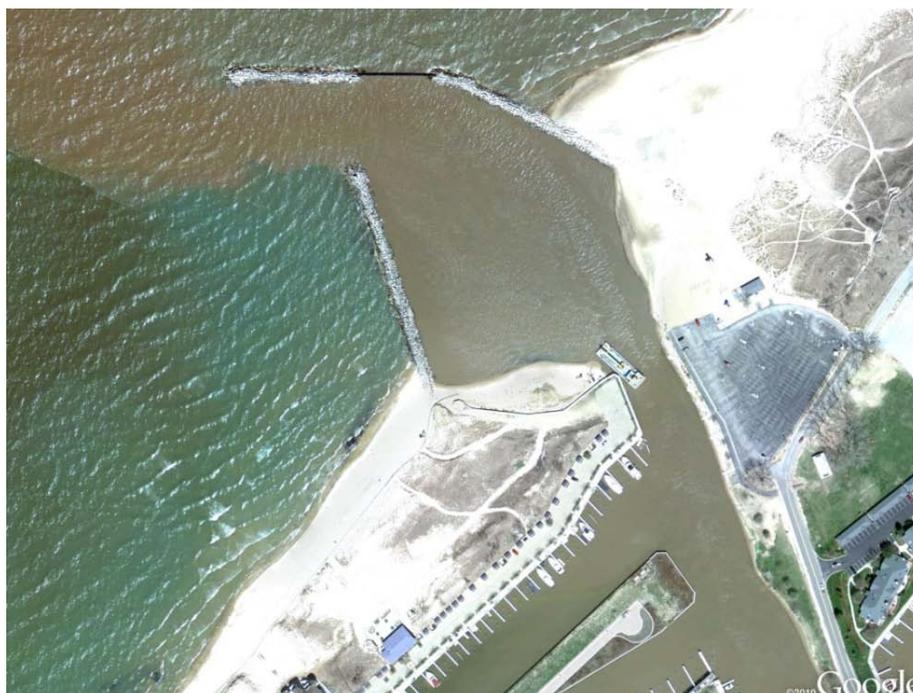
**Traffic:** No commerce reported.

**Transportation Importance:** This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests. The local community has established a significant infrastructure around the harbor facilities which supports 1,058 recreational boat slips and generates income from harbor users and visitors to the area.

#### **Congressional Interest:**

- Representative Fred Upton R-MI-6
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

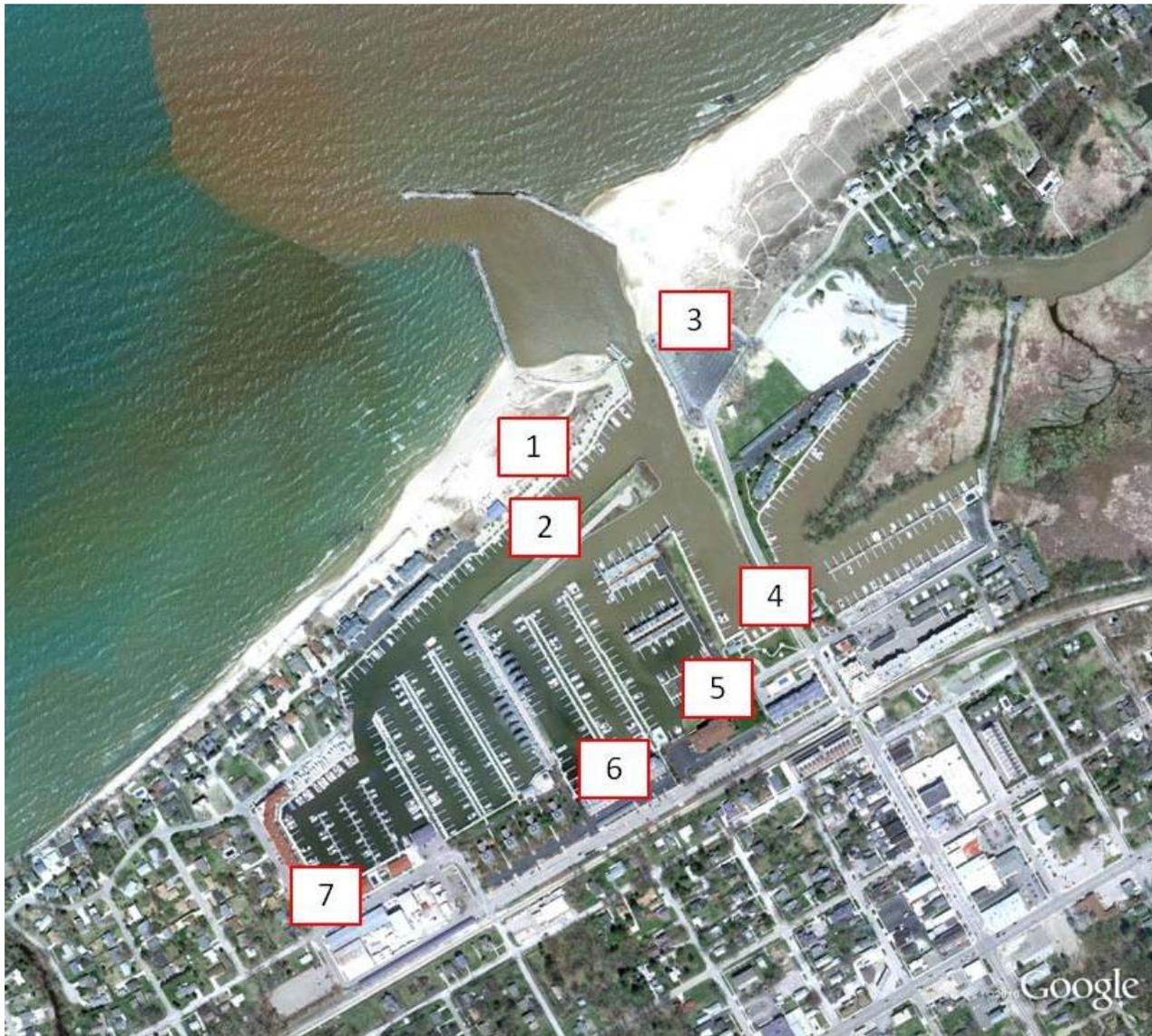
**Current Condition Assessment:** **B**



**Date of Site Visit:** 23 August 2010

**Summary of Impact:** The greatest potential area of damage would most likely take place in the cove of the Galien River if a breach or failure were to occur in New Buffalo Harbor. Increased wave action could cause damage to the boats that dock at any of the marinas. Another significant impact would occur if increased wave action caused the foundations of the North Whittaker Street Bridge to become unstable. The beach and condominiums could also be affected by a failure in the federal structures by causing unstable ground.

**Examples of Protected Infrastructure:**



**1. Dunewood Condominiums:** Dunewood Condominiums is a multiple building gated condominium complex that is on the south side of the New Buffalo Harbor.



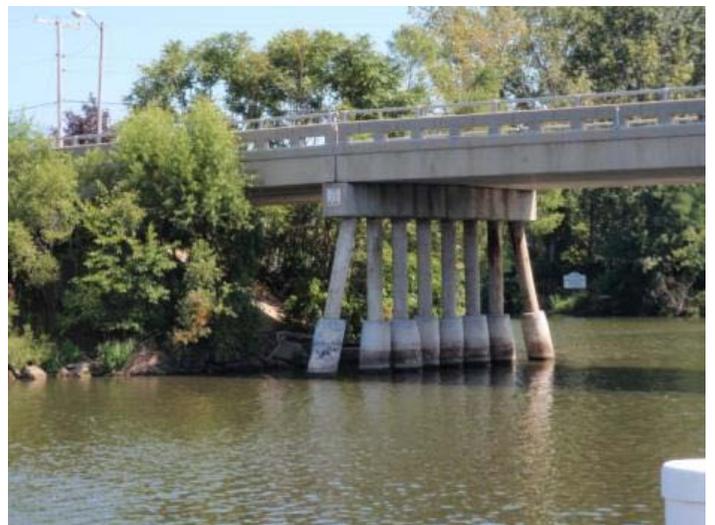
**2. Lake Michigan Yacht Club:** Lake Michigan Yacht Club is located on the south side of the federal structure. The slips and building of the yacht club are on the west side of the harbor.



**3. New Buffalo Beach:** The beach is located on the north side of the New Buffalo Harbor. This beach is owned by the City of New Buffalo with restrooms and snack shop.



**4. North Whittaker Street Bridge:** The North Whittaker Street Bridge is located on the Galien River on the east end of the harbor. The foundations of the bridge are concrete piles in the Galien River.



**5. City of New Buffalo Transient Marina:** The transient marina is owned by the City of New Buffalo, and it contains 31 transient slips. All slips consist of permanent plastic docks.



**6. The Moorings Harbor:** The Moorings Harbor is a privately owned marina that is located on the south cove of the Galien River. This marina has 369 slips, comprised of fixed wood and metal docks. This harbor does not have any on site storage warehouses.



**7. Oselka Marina:** A privately owned marina that is located on the south end of the south cove. The marina has 140 fixed wood dock slips and has in/out storage of 80 boats. The marina was originally constructed in 1957 and was remodeled in 2005.



**Potential Impact Area:** The following graphic displays property parcels that could be impacted within various zones defined by different setbacks from the shoreline behind existing Federal coastal structures. Values are based on real property tax assessments from these parcels, and don't reflect any detailed coastal zone damage assessments. Figures simply reflect property values at various setbacks.

