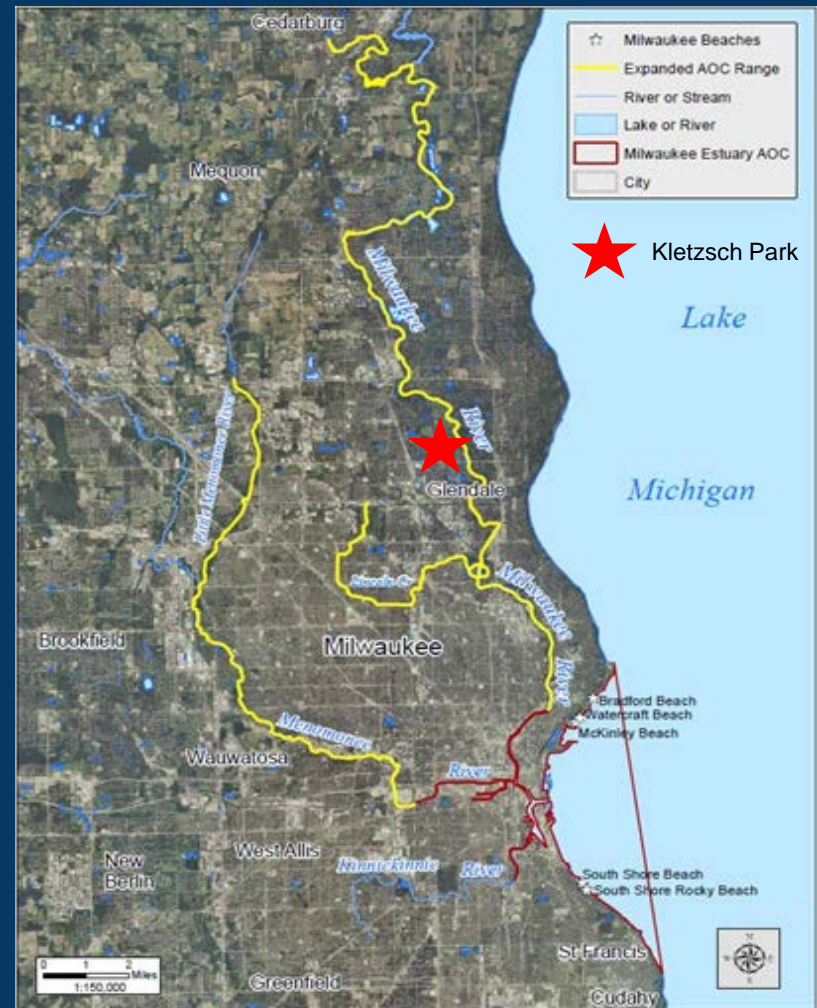


Kletzsch Park Fish Passage



WHAT IS THE MILWAUKEE ESTUARY?

The Milwaukee River Estuary represents the confluence of the three major rivers in Milwaukee, the Milwaukee the Menomonee and the Kinnickinnic Rivers and Lake Michigan. This area has deeper water than elsewhere in the Milwaukee River Basin.



WHAT IS A BUI?

The term BUI stands for “Beneficial Use Impairment.” The presence of these BUIs in our waterways, means the public isn’t able to fully use or enjoy their water resources in a safe way for eating, drinking, swimming, fishing, etc.

Milwaukee has 11 of 14 possible BUIs.

1. **Restrictions** on Dredging Activities
2. **Fish Tumors** or Other Deformities
3. Bird or **Animal Deformities** or **Reproduction Problems**
4. **Restrictions on Fish and Wildlife Consumption**
5. **Degradation** of Benthos
6. **Degradation** of Phytoplankton and Zooplankton Populations
7. **Loss of Fish** and Wildlife Habitat
8. Degradation of Fish and **Wildlife Populations**
9. **Beach Closings/Recreational Restoration**
10. Eutrophication or **Undesirable Algae**
11. Degradation of **Aesthetics**

Kletzsch
Impairments

Why Parks Is Pursuing Fish Passage?

The project:

- **Fulfills the County Park's mission to protect and preserve natural resources.**
- **Enhances opportunities for spawning and the natural reproduction of native fish species.**
- **Provides open space for the enjoyment and recreational needs of the public.**
- **Achieves an AOC goal by removing BUIs.**

Construction of the dam took place in the early 1930s. It was a Depression-era project that put men to work.

Dam under construction 1936



Inspection of the completed dam -- 1936



Project Elements

- **Dam Repair – Required by DNR**
- **Improve Access at Overlook and to River for Visitors of all Abilities**
 - **State Stewardship Funds**
 - **Part of Oak Leaf Trail Reconstruction Project**
- **Fish Passage – Meets AOC Goals to Improve Natural Fish Reproduction and Spawning**

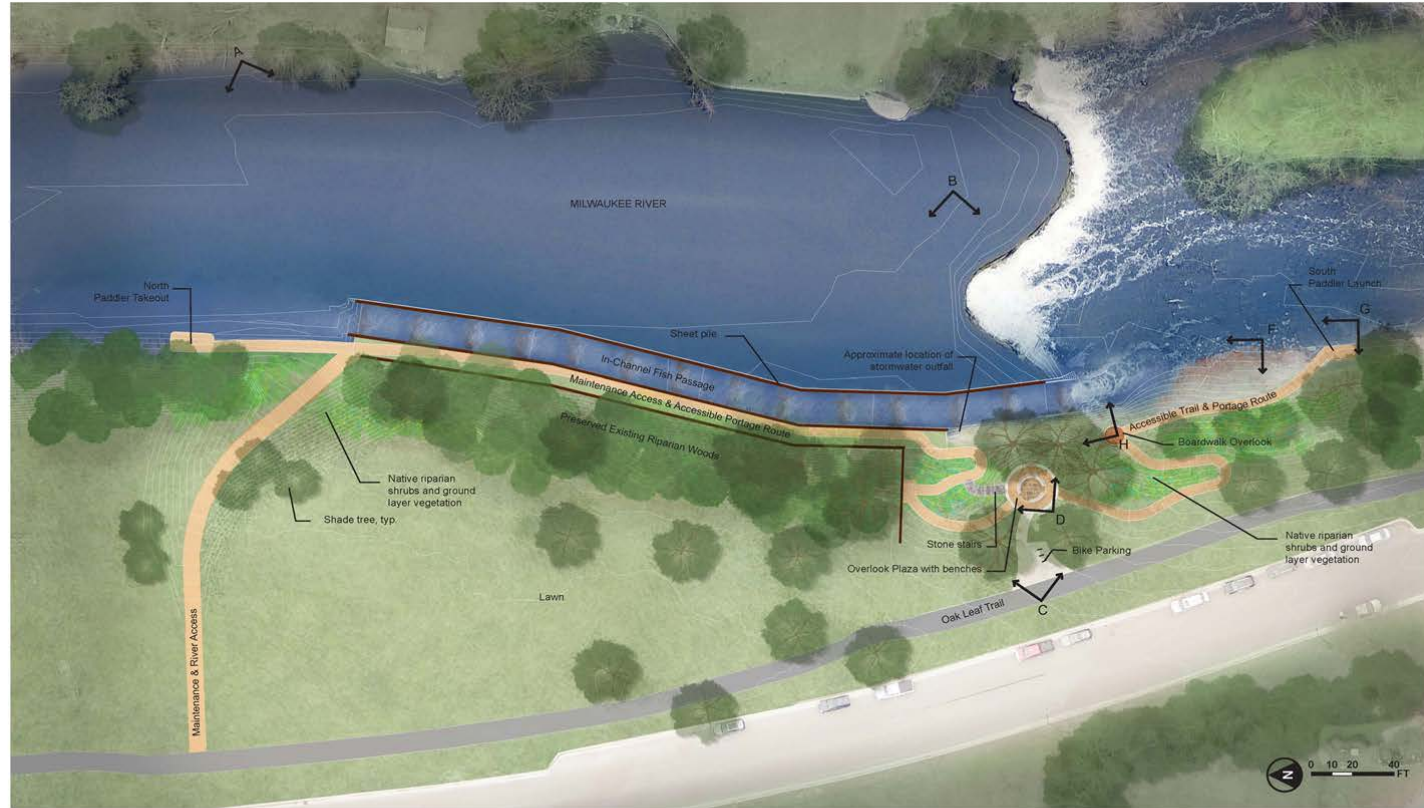
County Board Resolution 19-335, April 18, 2019

Related to the FISH PASSAGE project element:

“...BE IT FURTHER RESOLVED, that before proceeding with the project, the Parks Department will present the proposed final design at another Public Information Meeting, at a location near the project site, to address the new alternatives and how the proposed final design addresses the various concerns raised by the public; and

BE IT FURTHER RESOLVED, the proposed final design shall require County Board approval before construction of any project can proceed.”

Kletzsch Park Fish Passage Design



Plan View Option 2

Kletzsch Park River Access, Dam Repair & Fish Passage Project
Milwaukee River

Kletzsch Park Fish Passage Dimensions



Total Dam Length: 245 ft

Public Comment Period Was Open Until October 18, 2019

Current PEEC Request:

Review and approval to proceed with in-stream fish passage option as presented at September 17, 2019 Public Information Meeting.