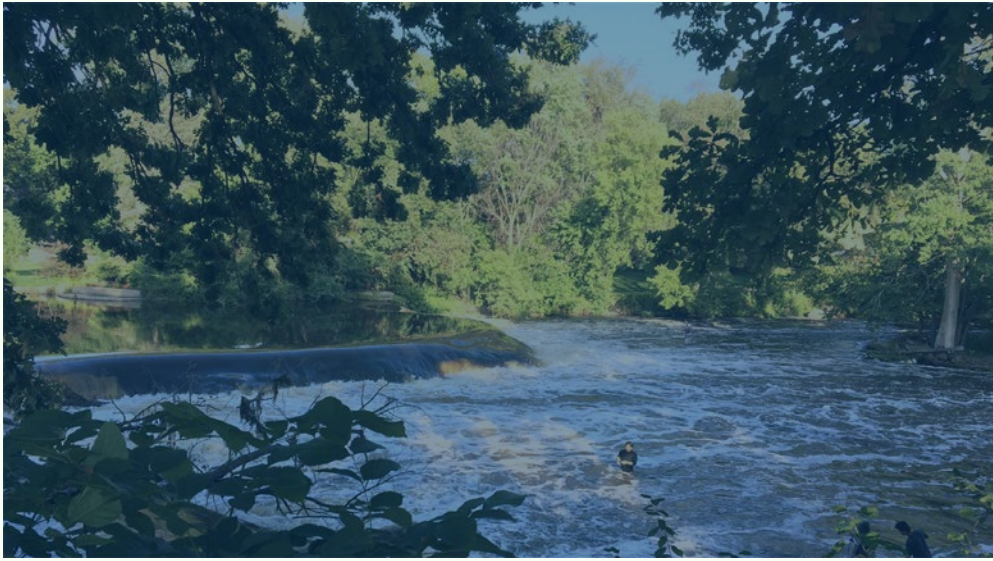


An aerial photograph of Milwaukee, Wisconsin, showing the city's urban landscape, the Milwaukee River, and the city's proximity to Lake Michigan. The image is overlaid with a semi-transparent blue filter. The text is centered in the lower half of the image.

KLETZSCH PARK FISH PASSAGE

& THE MILWAUKEE ESTUARY AREA OF CONCERN



Kletzsch Park Project – WP548

Intended to address dam repairs, improve in-river and riparian corridor habitat, and provide fish passage for native species within the Milwaukee Estuary Area of Concern (AOC).

WHAT IS THE MILWAUKEE ESTUARY AOC?

An AOC is a waterway connected to the Great Lakes that has been significantly ecologically and environmentally degraded. The public isn't able to fully use the resource because of this degradation.

The Milwaukee Estuary was designated an Area of Concern (AOC) in the 1980's.



GREAT LAKES: Quick Facts

40,000,000

people rely on this resource for drinking water

95%

of the surface freshwater in United States

99 YEARS

amount of time to replace the water in Lake Michigan

ECONOMIC & COMMUNITY GAINS!

\$2-\$3 for every \$1

as a result of remedial actions and restoration work

\$50,000,000,000

in benefits from tourism to increased property values and
decreased costs for cities and counties



RESTORING OUR RIVERS & ESTUARY:

Milwaukee County is committed to the AOC partnership. We are working to improve the quality of life within our communities and for fish and wildlife.

There are numerous impairments and issues to address, **one of which is the restoration of fish passage in the Milwaukee River.**

FISH PASSAGE: BEYOND MILWAUKEE

AOC PROJECT GOALS

Improve Natural Fish Reproduction and Spawning

REGIONAL PRIORITY

Allowing native fish to move upstream and downstream of Kletzsch Dam is a Regional Priority.

STRUCTURAL IMPROVEMENTS

Addresses dam repairs required by WDNR.

COUNTY MISSION

Fulfills the County Park's mission to protect and preserve natural resources

PROJECT HISTORY:

Timeline

Public comment and feedback was used to modify a series of conceptual alternatives.

Public concerns addressed by both DNR and County; a west side fishway and in-river fishway were proposed as options.

Moving towards MMSD Transition

2017

As dam owner, Parks acquired GLRI funds from the WI DNR for fish passage.

MCP moved forward to hire consultant to develop conceptual designs for fish passage.

2018 -
2019

The most recent alternative put before Milwaukee County Board of Supervisor Parks, Energy & Environment Committee (PEEC) for approval in January 2020. The item was tabled.

2020

In December 2020 MMSD proposes partnership to achieve AOC goals, placing MMSD as Project Lead for fish passage and dam repair.

2021



East Bank Bypass
Fish Passage



West Bank In-river
Fish Passage

MEETING AOC & COMMUNITY NEEDS:

- East bank was the community preferred option.
- Was not feasible due to predicted increases in flood elevations and insufficient publicly-owned land.
- East bank land acquisition would be necessary.
- **MMSD is in a position to make that acquisition.**

MMSD TRANSITION: Partner Roles

MMSD

- Propose east side fish passage as a potentially viable option, **if land can be acquired.**
- Project Lead, implementing fish passage and east abutment dam repairs.

Milwaukee County

- Project coordination with final approval on design
- County retains ownership of the dam and the fishway; responsible for maintenance in perpetuity.

MMSD & the County continue partnering, collaborating, and communicating with the Village of Glendale on this project.