



State Revolving Fund Loan Programs Drinking Water, Wastewater, Nonpoint Source

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

CITY OF FORT WAYNE

WASTEWATER TREATMENT PLANT POND 3 IMPROVEMENTS PROJECT

PRELIMINARY ENGINEERING REPORT SRF # WW 14 31 02 07 – Project 6

Date: October 14, 2014

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the city's Preliminary Engineering Report received by the SRF on July 31, 2014 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

How were environmental issues considered?

The National Environmental Policy Act requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an Environmental Assessment or an Environmental Impact Statement.

Why is additional environmental review not required?

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

How do I submit comments?

Comments can be submitted to:

April Douglas,
Senior Environmental Manager
SRF Programs
317-234-7294; adouglas@ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address: **Pond 3 Improvements Project
Preliminary Engineering Report**
City of Fort Wayne
200 East Berry Street, Suite 270
Fort Wayne, IN 46802

SRF Project Number: WW 14 31 02 07 – Project 6

Authorized Representative: Mr. Kumar Menon,
Director of Public Works

II. PROJECT LOCATION

Fort Wayne is located in Allen County. The Pond 3 Improvements project area is located on the Fort Wayne East USGS 7.5' topographic quadrangle in Adams Township, T30N, R13E and section 5.

III. PROJECT NEED AND PURPOSE

The purpose for the Pond 3 Improvements is to provide better environmental management of such things as algae blooms in the polishing lagoon. Algae blooms contribute to the total suspended solids concentration in the wastewater treatment plant's final effluent. The proposed improvements will allow for a more optimal operation of the polishing lagoon and a better utilization of the pond area.

The proposed project will divide Pond 3 into two separate ponds with the construction of a new dividing wall. Pond 3A, to the west, will provide effluent polishing. Pond 3B will continue to serve as a wet weather/combined sewage equalization pond during periods of high flows. The work will include: construction of the barrier wall; piping within the pond to allow for interconnects with Pond 2 and Pond 3B; catch basins, sediment barriers and piping in Pond 3B to allow for pond cleaning and algae control; and berm stabilization.

Two alternatives were evaluated for the Pond 3 Improvements project, including the "No Action" alternative.

The "No Action" alternative was rejected since the issue with algae blooms and the subsequent reduction in the final effluent water would persist.

The "Optimal Operation of Existing Facilities" alternative includes subdividing the pond into two cells: one for use as a polishing lagoon and the second for use as a wet weather/combined

sewage equalization pond during high flow periods (see Figure 1). **Based on cost this is the selected alternative.**

IV. ESTIMATED PROJECT COSTS, AFFORDABILITY AND FUNDING

A. Selected Plan Cost Summary

<u>Construction Components</u>	<u>Costs</u>
Mobilization	\$ 400,000
Demolition	221,830
Pond 2/3A Structure	600,000
72-inch Interconnect Pipe	350,000
Sheet Piling	3,000,000
Berm Stabilization	600,000
Manhole Connection to Maumee Interceptor	20,000
Pond 3B Misc. Construction	350,000
24-Inch Pond 3B Drain	<u>250,000</u>
Construction Subtotal Costs	\$ 5,791,830
Contingency	<u>579,184</u>
Total Estimated Construction Costs	\$6,371,014

Non- Construction Costs

Planning and Design	\$ 644,000
Construction Management/Inspection	368,000
Financial and Legal	<u>186,619</u>
Total Non-Construction Costs	\$ 1,198,619

Total Estimated Project Costs \$ 7,569,633

B. Fort Wayne will finance the project with a loan from the State Revolving Fund Loan Program for a 20-year term at an annual fixed interest rate to be determined at loan closing. Monthly user rates and charges may need to be analyzed to determine if adjustments are required for loan repayment.

V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

The project will occur in a previously disturbed area and will not affect endangered species or their habitat, streams, wetlands, or the 100-year floodplain.

Construction and operation of the project will not alter, demolish or remove historic properties. If any visual or audible impacts to historic properties occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the National Register of Historic Places. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected" (see Figure 2).

VI. PUBLIC PARTICIPATION

A properly noticed public hearing was held on August 13, 2014, at 10:00 am at the Council Chambers, Room, Room 035, Citizens Square, Fort Wayne to discuss the PER. No verbal comments were received at the public hearing, and no written comments were received during the 5-day comment period following the hearing.



POND 3 IMPROVEMENTS

Legend

- Cut Existing Sheet Piling
- North Maumee Interceptor

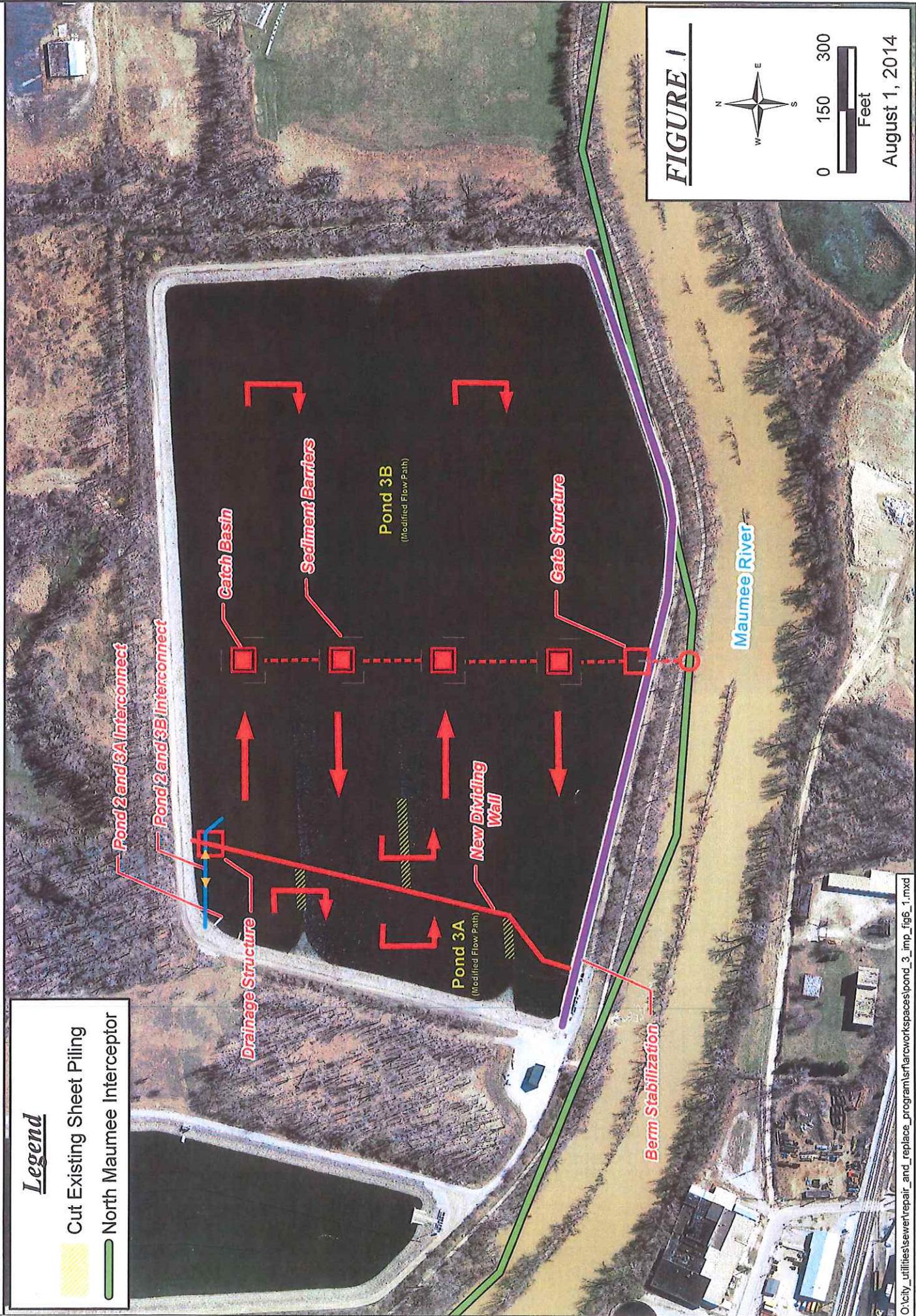
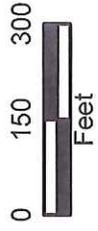
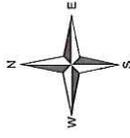


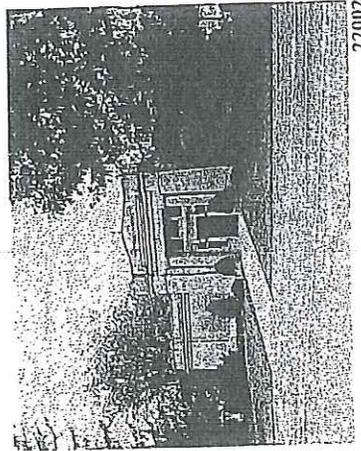
FIGURE 1



August 1, 2014

Sector 22 (003-214-22001/22002)

- | No. Rtg. | Description |
|----------|---|
| 001 O | House, 2910 Lake Ave.; Colonial Revival/Craftsman, c.1924, outbuildings; Architecture |
| 002 N | Catholic Cemetery, 3500 Lake Ave.; Radial plan cemetery, 1873-present; Egyptian Revival Mausoleum, 1918 (Charles Weatherlogg, architect); Tudor Revival office, c.1940; Sculpture, other features; Architecture, Art, Ethnic heritage, Exploration/settlement, Indian, Landscape architecture |



22002

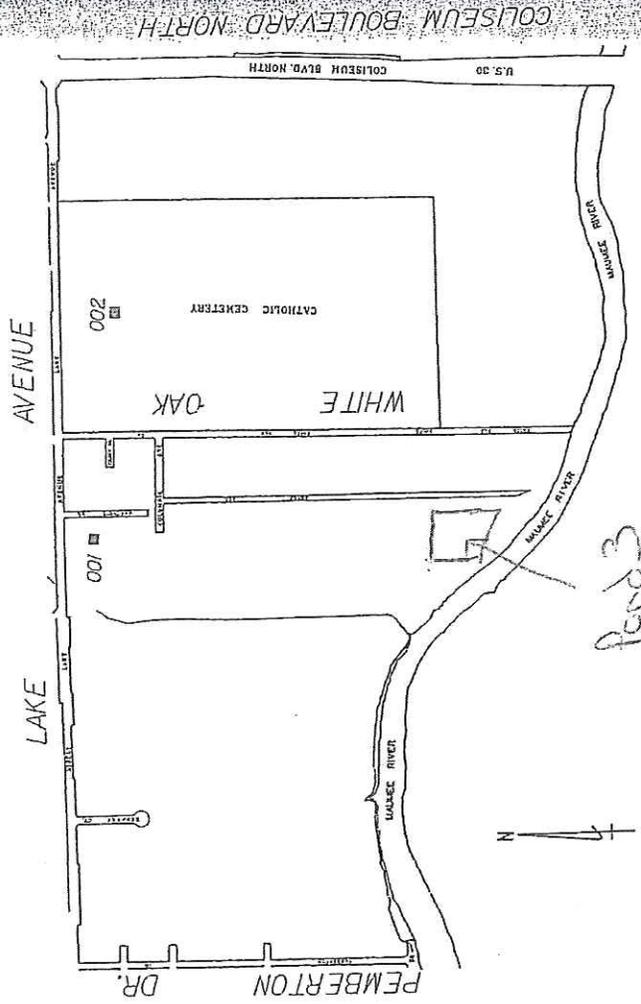


Figure 2: from the Allen County Interim Report Historic Sites and Structures Inventory