State Revolving Fund Loan Programs

Drinking Water, Wastewater, Nonpoint Source

ENVIRONMENTAL ASSESSMENT
AND
FINDING OF NO SIGNIFICANT IMPACT

MUNCIE SANITARY DISTRICT
BOND ANTICIPATION NOTE REFINANCING
CSO 018 RELOCATION
SRF PROJECT WW 11 14 18 03

DATE: June 28, 2012

TARGET PROJECT APPROVAL DATE: July 30, 2012

I. INTRODUCTION

The above entity has applied to the Clean Water State Revolving Fund (SRF) Loan Program for a loan to finance all or part of the wastewater project described in the accompanying Environmental Assessment (EA). As part of facilities planning requirements, an environmental review has been completed which addresses the project's impacts on the natural and human environment. This review is summarized in the attached EA.

II. PRELIMINARY FINDING OF NO SIGNIFICANT IMPACT (FNSI)

The SRF Clean Water Program has evaluated all pertinent environmental information regarding the proposed project and determined that an Environmental Impact Statement is not necessary. Subject to responses received during the 30-day public comment period, and pursuant to Indiana Code 4-4-11, it is our preliminary finding that the construction and operation of the proposed facilities will result in no significant adverse environmental impact. In the absence of significant comments, the attached EA shall serve as the final environmental document.

III. COMMENTS

All interested parties may comment upon the EA/FNSI. Comments must be received at the address below by the deadline date above. Significant comments may prompt a reevaluation of the preliminary FNSI; if appropriate, a new FNSI will be issued for another 30-day public comment period. A final decision to proceed, or not to proceed, with the proposed project shall be effected by finalizing, or not finalizing, the FNSI as appropriate. Comments regarding this document should be sent within 30 days to:

Max Henschen
Senior Environmental Manager
State Revolving Fund -- IGCN 1275
100 N. Senate Ave.
Indianapolis, IN 46204
317-232-8623

ENVIRONMENTAL ASSESSMENT

I. PROJECT IDENTIFICATION

Project Name and Address:	CSO 018 Relocation Bond Anticipation Note Refinancing Muncie Sanitary District 300 N. High Street Muncie, IN 47305
SRF Project Number:	WW 11 14 18 03
Authorized Representative:	Deborah Ervin, Financial Manager

II. PROJECT LOCATION

The project area is in Delaware County, Center Township, Township 20N, Range 10E, SW ¼ Section 18, on the southwest side of Muncie. See Figure 2.1, Project Area 2.

III. PROJECT NEED AND PURPOSE

The project has been completed. The project improved the hydraulic performance of the CSO, provided a screen to prevent floatables from entering the river during wet weather discharges, and provided a flow monitor. The project also eliminated CSO 263. The relocation was part of an Agreed Order between the District and the Indiana Department of Environmental Management to meet the requirements of the District's Long Term Control Plan (LTCP).

IV. PROJECT DESCRIPTION

The project relocated CSO 018 from the north bank of the White River, directly across from the Water Pollution Control Facility (WPCF), to the south bank at the WPCF site. The District installed three 42-inch pipes and a common headwall 26-feet wide by open-cutting through the levee on the south bank of White River. The project included the construction of a concrete structure to combine flow from two interceptor sewers; the structure included a static fine screen, mechanical fine screen, flow meters, check valves, piping and valves to create a future wet weather pump station/treatment facility, Supervisory Control and Data Acquisition system and various electrical improvements.

V. Project Costs, Affordability and Funding

A. Selected Plan Cost Summary

Construction Cost	$1,851,309
Non-Construction Costs*	666,954
Total Project Cost	**$2,518,263**

* includes administrative, legal, engineering & inspection costs

B. The District will be reimbursed $2,518,263 as part of an approximately $10,000,000 bond anticipation note (BAN) refinancing through a 20-year loan from the State Revolving Fund (SRF) Loan Program at an interest rate to be determined at loan closing. In addition to this project, the BAN issued by the District also funded the Jakes Creek Lift Station project and the White River Interceptor Televising & Cleaning project, each of which has been completed. The Jakes Creek Lift Station project BAN refinancing will be addressed in a future Environmental Assessment (EA) to be issued for a 30-day public comment period. The Interceptor Cleaning & Televising project BAN refinancing will be addressed in a Categorical Exclusion (CE) with a 1-day public notice on June 29. The BAN also funded a CSO 008 project, which has not yet been started and which will be addressed in a future EA or CE.

VI. Evaluation of Alternatives

The District evaluated but rejected the "No Action" alternative, since the conditions of the Agreed Order would not be met. This project one of the nine minimum controls for meeting the LTCP objectives.

VII. Environmental Impacts of the Feasible Alternatives

A. Direct Impacts

Undisturbed Land: The project was constructed in the levee at the WPCF site.

Historic Structures: Construction and operation of the project did not alter, demolish or remove historic properties. If any visual or audible impacts to historic properties occurred, they were temporary and did 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."

Wetlands: The project did not have long-term negative effects on wetlands.

Surface Waters: The West Fork White River is listed on the Outstanding Rivers List, a Non-rule Policy Document of the Natural Resources Commission. The project had temporary siltation effects on the River.

100-Year Floodplain: The project did not affect the 100-year floodplain.

Plants and Animals: The construction and operation of the project did not negatively impact state or federal-listed endangered species or their habitat. The project was implemented to minimize impact to non-endangered species and their habitat.

Groundwater: The project did not have any effects on sole source aquifers.

Prime Farmland: The project did not affect prime/unique farmland.

Air Quality: Air quality was temporarily affected by construction activities, including vehicle exhaust and dust.

Open Space and Recreational Opportunities: The project did not create nor destroy open space and recreational opportunities.

The project did not affect National Natural Landmarks.

B. Indirect Impacts

The District's Preliminary Engineering Report (PER) states: *The District has a competent environmental protection department called the Bureau of Water Quality. This group provided oversight to protect sensitive environmental resources, including wetlands, 100-year floodplains, forested areas, and inventoried historic/architectural sites. Their charge is to protect these resources from negative impacts of future growth and development which will use SRF-funded facilities described in this report. Protection of these resources will be accomplished through appropriate zoning ordinances and proper planning practices.*

C. Comments from Environmental Review Authorities

The Indiana Department of Natural Resources Division of Historic Preservation and Archaeology, in correspondence dated August 19, 2010, stated: *Pursuant to IC 13-18-21 and 327 IAC 14 and Section 106 of the National Historic Preservation Act (16 U.S.C. § 470f) and 36 C.F.R. Part 800, the Indiana State Historic Preservation Officer ("Indiana SHPO") is conducting an analysis of the materials dated and received by the Indiana SHPO on July 23, 2010, for the above indicated project in Muncie, [Center] Township, Delaware County, Indiana.*

> *It is our understanding that the project activities have already been constructed. Based on our analysis, we do not believe that any historic properties have been altered, demolished, or removed by the proposed project due to previous disturbance. This analysis assumes that project activities remain or remained within areas disturbed by previous construction. In the future, please be aware that no ground disturbing activities should occur until the environmental review process has been completed.*
> *If any archaeological artifacts, features, or human remains are uncovered during construction, state law (Indiana Code 14-21-1-27 & 29) requires that the discovery must be reported to the Department of Natural Resources within two (2) business days.*

The U.S. Fish and Wildlife Service, in correspondence dated August 11, 2010, stated: *These comments have been prepared under the authority of the Fish and Wildlife Coordination*

Act (16 U.S.C. 661 et. seq.) and are consistent with the intent of the National Environmental Policy Act of 1969, the Endangered Species Act of 1973, and the U.S. Fish and Wildlife Service's Mitigation Policy.

Based on a review of the information you provided, the U.S. Fish and Wildlife Service has no objections to the project as currently proposed. This precludes the need for further consultation on this project as required under Section 7 of the Endangered Species Act of 1973, as amended. However, should new information arise pertaining to project plans or a revised species list be published, it will be necessary for the Federal agency to reinitiate consultation.

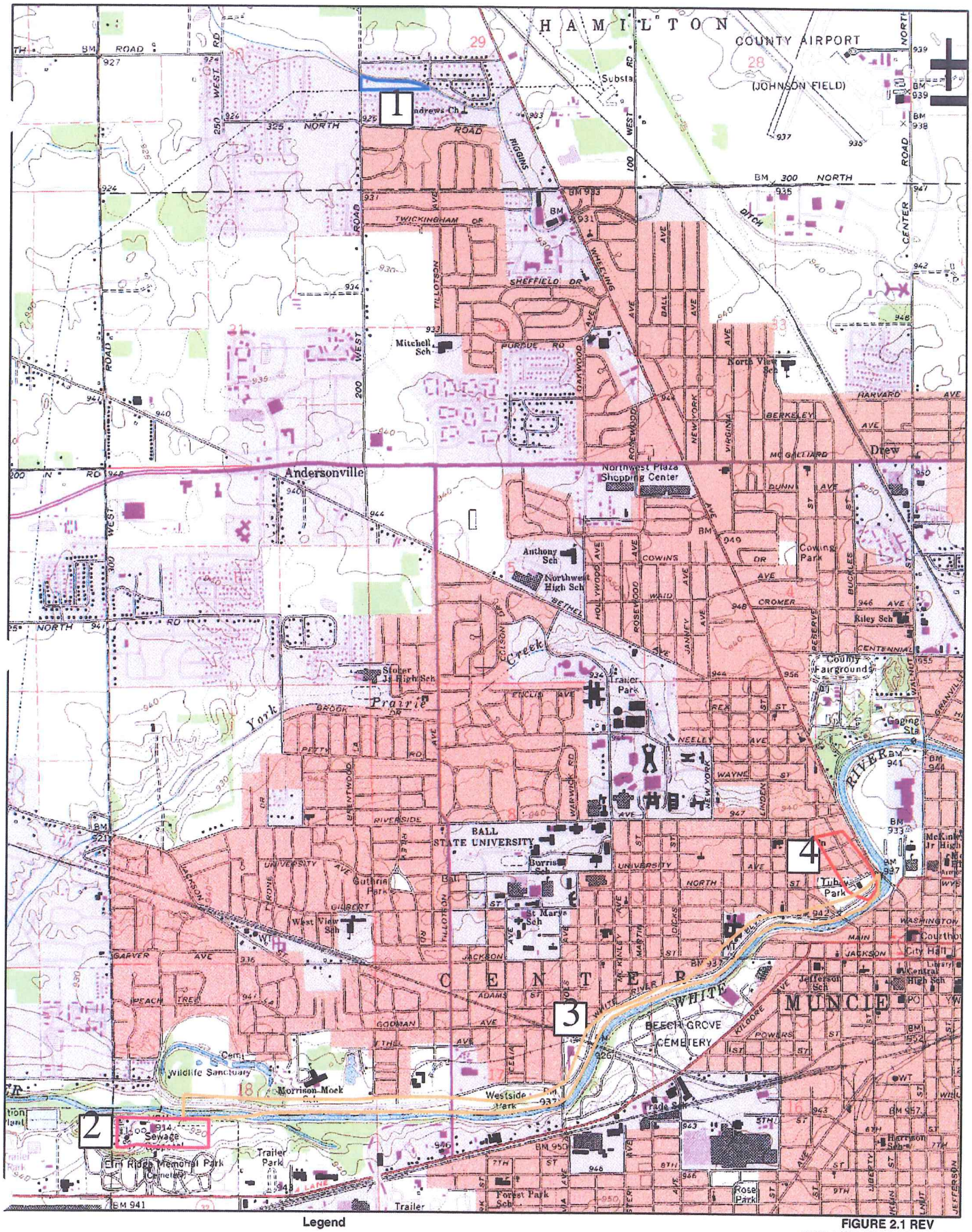
The Natural Resources Conservation Service, in correspondence dated March 6, 2009, stated: *The project to relocate CSO 18...will not cause a conversion of prime farmland.*

VIII. Mitigation Measures

The District's 2009 PER stated: *The construction specifications [required] that proper measures be utilized to control erosion caused by storm water runoff from the construction site. In general, efforts [were] made to avoid construction-related impacts.*

IX. Public Participation

A properly noticed public hearing was held on February 8, 2011, at the Board of Sanitary Commissioners Meeting for the Muncie Sanitary District at the Muncie City Hall.



Legend

0 800 1,600 3,200 Feet

1. Jakes Creek Lift Station, HAMILTON TWP., T21N, R10E, S29

2. CSO 018 Relocation @ WPCF CENTER TWP, T20N, R10E, S18

3. White River Interceptor Televising, CENTER TWP, T20N, R10E, S18, 17, 16, 10, 9

4. CSO 008 Sewer Separation, CENTER TWP, T20N, R10E, S10

MUNCIE WEST QUADRANGLE, 7.5 MINUTE

FIGURE 2.1 REV
PROJECT LOCATION MAP

PRELIMINARY ENGINEERING REPORT - BAN
MUNCIE SANITARY DISTRICT
MUNCIE, INDIANA
REV MARCH 2012