



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

### PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

#### TOWN OF REYNOLDS PRELIMINARY ENGINEERING REPORT ADDENDUM #1

#### Replacement of the Supervisory Control and Data Acquisition System Control Panel, Emergency Conversion of Chlorination System from Gas to Liquid, and Upgrades of Water Meter Reading Equipment from Touch Read System to Radio Read System SRF Project DW 14 10 91 01

**Date: November 10, 2016**

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the Town of Reynolds's Preliminary Engineering Report Addendum #1 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:                   **Replacement of the Supervisory Control and Data Acquisition (SCADA) System Control Panel, Emergency Conversion of Chlorination System from Gas to Liquid, and Upgrades of the Water Meter Reading Equipment from Touch Read System to Radio Read System Preliminary Engineering Report Addendum #1**  
Town of Reynolds  
307 Washington Street  
P.O. Box 214  
Reynolds, Indiana 47980

SRF Project Number:                         DW 14 10 91 01

Authorized Representative:                 Scott Denton, Board President

### II. PROJECT LOCATION

The proposed project for the Water Treatment Plant (WTP) is located in White County, Honey Creek Township, Monticello South USGS Quadrangle, Township 27N, Range 4W and Section 34. See Figure 1.

### III. PROJECT NEED AND PURPOSE

The town plans to replace the SCADA control panel at the WTP with a new control panel since the existing one was inoperative and obsolete (see Figure 1).

The No Action alternative was rejected since the town's staff would not be notified when a power failure occurs or when high/low water alarms are not transmitted for immediate action.

In December of 2015, an emergency occurred when the chlorine gas equipment failed to operate while the new elevated storage tank was being filled. The town's staff decided to convert the chlorination system from chlorine gas to liquid bleach (i.e., sodium hypochlorite). This decision was based on two factors: (1) the new gas equipment was not readily available; and (2) repairs to the existing system have been very expensive.

The No Action alternative was rejected since the town would not be in compliance with the Indiana Department of Environmental Management's regulations for disinfection, Reynolds could also be placed under a boil water advisory until repairs were made.

The town plans to upgrade its meter reading equipment and software from a touch read system to a radio read system. This upgrade includes: opening the water meter pits and

replacing the touch read modules with radio read modules; upgrading office software; and replacing the touch read wand with a radio reading receiver that can be plugged into the utility truck to read meters.

The No Action alternative was rejected since the town would not be utilizing their staff's labor time more efficiently and continue to have a difficult time in reading the meters during the winter months when they are covered with snow.

#### **IV. ESTIMATED PROJECT COSTS, AFFORDABILITY AND FUNDING**

Total cost of this project is estimated to be approximately \$47,453. Reynolds will use a portion of the remaining funds (approximately \$172,278) to pay for these items from an existing State Revolving Fund (SRF) loan which it closed on May 28, 2015.

#### **V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES**

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 National Preservation Act is: "no historic properties affected."

#### **VI. PUBLIC PARTICIPATION**

The town placed a public notice in the Herald Journal on October 13, 2016 notifying the public that the three items would be paid with funds from an existing SRF loan.

