



Division of Water Resources / State Revolving Fund Loan Program
William R. Snodgrass TN Tower, 12th Floor
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FINDING OF NO SIGNIFICANT IMPACT AMENDMENT
Approval of Facilities Plan Amendment
Murfreesboro (Rutherford County), Tennessee
Project Nos. SRF 2012-306, CW0 2012-303, and CW1 2013-317

January 29, 2016

The National Environmental Policy Act requires federally designated agencies to determine whether a proposed major agency action will significantly affect the environment. One such major action, defined by Section 511(c)(1) of the Clean Water Act, is the approval of a facilities plan prepared pursuant to Title VI of the Clean Water Act. In making this determination, the State Revolving Fund (SRF) Loan Program assumes that all facilities and actions recommended by the plan will be implemented. The State's analysis concludes that implementing the plan will not significantly affect the environment; accordingly, the State Revolving Fund Loan Program is issuing this Finding of No Significant Impact (FNSI) Amendment for public review.

A previous FNSI, dated August 21, 2012, included improvements to the wastewater treatment system serving the City of Murfreesboro via three projects to include the construction of the Southwest Regional Pump Station, a force main from the Pump Station to the existing Sinking Creek Wastewater Treatment Plant (SCWWTP), and construction of a new headworks facility at the SCWWTP. The Southwest Regional Pump Station will have a capacity of 20.0 million gallons per day (MGD) and contain four pumps with provisions for future expansion. The force main will consist of approximately 26,243 linear feet (LF) of 36-inch ceramic-epoxy lined ductile iron pipe. The new headworks facility will include fine screening, grit removal, and flow measurement. A copy of the previous FNSI may be viewed at the offices of the State Revolving Fund Loan Program.

This FNSI Amendment addresses replacing three of the four older rotary sludge presses at the existing Biosolids Processing Facility and the three associated sludge transfer pumps in the Solids Holding Facility at the SCWWTP.

Attached is an Environmental Assessment Amendment containing detailed information supporting this action. Comments supporting or disagreeing with this proposed action received within 30 days of the date of this FNSI Amendment will be evaluated before we make a final decision to proceed. If you wish to comment or to challenge this FNSI Amendment, send your written comment(s) to:

Mr. Sam R. Gaddipati, Environmental Manager
Division of Water Resources, State Revolving Fund Loan Program
William R. Snodgrass TN Tower, 12th Floor
312 Rosa L. Parks Avenue, Nashville, TN 37243

or call or e-mail (615) 532-0462 or sam.gaddipati@tn.gov.

ENVIRONMENTAL ASSESSMENT AMENDMENT
Murfreesboro (Rutherford County), Tennessee
Project Nos. SRF 2012-306, CW0 2012-303, and CW1 2012-317

January 29, 2016

A. PROPOSED FACILITIES AND ACTIONS; FUNDING STATUS

A previous Environmental Assessment (EA) statement, dated August 21, 2012, included improvements to the wastewater treatment system serving the City of Murfreesboro via three projects to include the construction of the Southwest Regional Pump Station, a force main from the Pump Station to the existing Sinking Creek Wastewater Treatment Plant (SCWWTP), and construction of a new headworks facility at the SCWWTP. The Southwest Regional Pump Station will have a capacity of 20.0 million gallons per day (MGD) and contain four pumps with provisions for future expansion. The force main will consist of approximately 26,243 linear feet (LF) of 36-inch ceramic-epoxy lined ductile iron pipe. The new headworks facility will include fine screening, grit removal, and flow measurement. A copy of the previous EA may be viewed at the offices of the State Revolving Fund Loan Program.

This EA Amendment addresses replacing three of the four older rotary sludge presses at the existing Biosolids Processing Facility and the three associated sludge transfer pumps in the Solids Holding Facility at the SCWWTP.

REASONS FOR CHANGE

The SCWWTP has eight rotary sludge presses to dewater the plant's biosolids located in the Biosolids Processing Facility. Four presses were installed in December 2000. Four additional presses were installed in January 2012 to give the plant a total of eight presses. The four older presses are at the end of their useful life and need to be replaced. They are in constant need of maintenance and consistently limit the plant's capacity to treat biosolids. The City proposes to replace three of the four older rotary sludge presses to ensure adequate dewatering capacity at the SCWWTP. Additionally, the three associated sludge transfer pumps in the Solids Holding Facility that work in conjunction with the three sludge presses to be replaced have reached the end of their useful life and are in need of replacement. These replacements are needed to ensure reliable operation and treatment of wastewater and biosolids at the SCWWTP.

C. PUBLIC PARTICIPATION; SOURCES CONSULTED

A Public Meeting was held on September 11, 2012. The selected wastewater treatment plan and user charges were described to the public, and their input was received. This agency is not aware of any unresolved public objections that may have been voiced before or after the public meeting regarding this project.

Sources consulted about this project for information or concurrence were:

1. Tennessee Department of Agriculture
2. Tennessee Department of Economic and Community Development (ECD)
3. Tennessee Division of Air Pollution Control (DAPC)
4. Tennessee Department of Transportation (TDOT)
5. Tennessee Historical Commission
6. Tennessee Division of Archaeology (DA)
7. Tennessee Division of Natural Heritage (DNH)
8. Tennessee Division of Solid Waste Management (DSWM)
9. Tennessee Division of Water Resources (DWS)

ENVIRONMENTAL ASSESSMENT AMENDMENT
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10. Tennessee Wildlife Resources Agency (TWRA)
11. United States Army, Corps of Engineers (USACE)
12. United States Fish and Wildlife Service (USF&W)
13. City of Murfreesboro
14. Rutherford County