

Missouri Clean Water Commission Meeting
Department of Natural Resources
Lewis and Clark State Office Building
LaCharrette/Nightingale Creek Conference Rooms
1101 Riverside Drive
Jefferson City, Missouri

January 6, 2016

State Direct Loan for the city of Louisiana

Issue: The city of Louisiana has requested a loan in the amount of \$350,000 to fund the costs of a Sanitary Sewer Evaluation Study (SSES).

Background: The city of Louisiana was issued an Abatement Order of Consent (AOC) to complete a Capacity, Management, Operations and Maintenance (CMOM) in 2011. The completed CMOM document recommended televising and smoke testing the entire sewer collection system. However, with the focus being on the upgrade of the wastewater treatment facility per the AOC, little work was completed as outlined in the CMOM document. The city subsequently followed up, and applied for and received an SRF loan for the design and construction of a new wastewater treatment facility per the AOC. This project is now operational and completed. The city has now turned its focus back to the sewer collection system to address I/I problems, recommend and prioritize solutions for those problems

The total project cost is estimated to be \$350,000. The department is recommending that a state direct loan be used to fund the cost of the Sewer System Evaluation Survey (SSES) instead of a State Revolving Fund (SRF) loan because 10 CSR 20-4.010 requires that an applicant have a complete facility plan in order to be placed on a fundable list for SRF assistance. The SSES is required to be conducted in order to complete a facility plan. The state direct loan program can be used to fund planning documents pursuant to 10 CSR 20-4.041(1). The city will be responsible for any cost overruns.

Completion of the SSES will be required within two years of the loan closing. Repayment of the state direct loan would be required over a five year period after the SSES has been completed.

State direct loans come from repayments of loans originated with the state Water Pollution Control bonds. There are adequate funds available for this loan.

Recommended Action: The Department recommends that the Commission approve the allocation of funding in the amount of \$350,000 for a state direct loan to the city of Louisiana.

Suggested Motion Language: "I move to approve the allocation of funding in the amount of \$350,000 for a state direct loan for the city of Louisiana."

Attachment:

- Copy of Louisiana's loan application for funding.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM, FINANCIAL ASSISTANCE CENTER
CLEAN WATER STATE REVOLVING FUND LOAN APPLICATION

Submit to: P.O. Box 176, Jefferson City, MO 65102-0176
 ATTN: Financial Assistance Center

6/3/14 (W)

FOR OFFICE USE ONLY	
DATE RECEIVED	
PROJECT NUMBER	
PRIORITY POINTS	

This application is for a Clean Water State Revolving Fund Loan described in 10 CSR 20-4.040

APPLICANT INFORMATION			
1. NAME OF APPLICANT City of Louisiana, Missouri		DUNS NUMBER 027869403	
<input checked="" type="checkbox"/> Incorporated Municipality		<input type="checkbox"/> Public Water/Sewer District <input type="checkbox"/> Other:	
APPLICANT TELEPHONE NUMBER WITH AREA CODE (573) 754-4132 Ext.		APPLICANT FAX NUMBER WITH AREA CODE (573) 754-5869	
APPLICANT MAILING ADDRESS 202 South Third Street			
CITY Louisiana	STATE MO	ZIP CODE + FOUR 63353-2057	COUNTY Pike
AUTHORIZED REPRESENTATIVE NAME Bart Niedner		AUTHORIZED REPRESENTATIVE TITLE Mayor	
2. NAME OF PERSON TO CONTACT ABOUT THIS APPLICATION Bob Jenne - City Administrator		TELEPHONE NUMBER WITH AREA CODE (573) 754-4132 Ext.	
3. CONSULTING ENGINEER Klingner & Associates, PC - Mark C. Bross, PE			
CONSULTANT MAILING ADDRESS 4510 Paris Gravel Road			
CITY Hannibal	STATE MO	ZIP CODE + FOUR 63401	
CONSULTANT TELEPHONE NUMBER WITH AREA CODE (573) 221-0020 Ext.		CONSULTANT FAX NUMBER WITH AREA CODE (573) 221-0012	
4. POPULATION (CURRENT CENSUS) 3364		POPULATION OF AREA TO BE SERVED 3364	
5. STATE SENATE DISTRICT NUMBER(S) 18		STATE REPRESENTATIVE DISTRICT NUMBER(S) 10	
6. PROPOSED PROJECT INFORMATION			
<input checked="" type="checkbox"/> Point Source Project		<input type="checkbox"/> Non-Point Source Project	
<input type="checkbox"/> Green Project Components (See Instructions)		Decentralized/Cluster Wastewater System	<input type="checkbox"/>
		On-Site System Rehabilitation/Replacement	<input type="checkbox"/>
		Other Non-Point Source Project	<input type="checkbox"/>
Project Description. Include Green Project Components, if applicable (Attach Engineering Report): Conduct a Sanitary Sewer Evaluation Study (SSES) including televising and smoke testing of sewer mains in the City.			
PERMIT INFORMATION Factor A at 10 CSR 20-4.010 (1)(A)1			
7. List National Pollutant Discharge Elimination System, or NPDES, Permit Number(s) of Water or Wastewater facilities affected by this project:			
MO-0023124	Louisiana WWTF		
8. List Non-Permitted facilities to be eliminated by this project (attach list if necessary):			
Name	Population Served	Type and Condition of Facility	
N/A			

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WATER PROTECTION PROGRAM

PROJECT COST INFORMATION			
9. Cost Estimate Dated: 05/06/2014		10. Cost Breakdown for Designated Categories	
Engineering Planning and Design	\$ 25,000.00	I. Secondary Treatment	\$
Engineering (Construction Phase)	\$	II. Advanced Treatment	\$
Engineering Inspection	\$	IIIA. Inflow/Infiltration Correction	\$ 350,000.00
Land and Easements*	\$	IIIB. Sewer Rehabilitation	\$
Construction	\$	IVA. Collection Sewers	\$
Equipment	\$	IVB. Interceptor Sewers	\$
SRF Closing Costs (estimate 3 percent)	\$	V. Combined Sewer Overflow Correction	\$
Other Costs (specify)	\$ 325,000.00	VI. Storm Water	\$
Contingencies	\$	VII. Non-Point Source	\$
Total Project Costs	\$ 350,000.00	Total Project Costs	\$ 350,000.00
Funding From Other Sources	\$		
Funding Request (this application only)	\$ 350,000.00		
* These costs are generally not eligible for CWSRF funding. Other Costs - Televising/Smoke Testing			
11. DEBT INSTRUMENT			
A. Bonds		B. Capital Improvements Sales Tax	
Date of Bond Election 4/5/2011		Date of Election	
Type of Bond Sewer Revenue Bonds		Dedicated? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Amount of Bond \$ 8,000,000.00		Sunset Provision? <input type="checkbox"/> Yes <input type="checkbox"/> No	
C. Other (specify):			
12. APPLICANT FINANCIAL INFORMATION Factor C at 10 CSR 20-4.010(1)(A)3			
A. Median Household Income (from census) \$28,782 (2012 American Fact Finder)			
B Current monthly sewer use rate (for 5,000 gallons) \$45.25		Proposed sewer rate (for 5,000 gallons) \$47.00	
C Sewer revenues for most recent year ended \$1,066,200		Most recent year's date of data used 05/31/2013	
D. Sewer operating expenditures for most recent year \$1,064,946			
13. BOARD TRAINING Factor C at 10 CSR 20-4.010(1)(A)3			
List any board training(s) related to wastewater utility management that current board members have attended in the last three years:			
City Administrator obtained his D wastewater treatment license within the past year. Board members have not attended any training.			

14. WATERSHED INFORMATION Factors A at 10 CSR 20-4.010 (1)(A)1 and Factor E at 10 CSR 20-4.010 (1)(A)5

WATER BODY AFFECTED BY PROPOSED PROJECT Outfall #001 - Mississippi River	<input checked="" type="checkbox"/> Check if this is the receiving water body <input type="checkbox"/> Check if the body is classified <input type="checkbox"/> If affected water body is not classified, provide the nearest downstream water body
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Is proposed project identified in a multi-jurisdictional area watershed plan? Yes No If yes, provide a copy of the plan.

Does the proposed project serve more than one community? Yes No If yes, identify communities:

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Does the proposed project eliminate the need for multiple wastewater treatment facilities? Yes No

Does the proposed project address groundwater pollution? Yes No

GROUNDWATER IS USED FOR:

OTHER PROBLEMS ADDRESSED:
This project provides the necessary planning to address excess flows to the treatment facility and is in accordance with the CMOM document prepared by the City in 2010.

15. PROJECT TYPE (CHECK ALL THAT APPLY) Factor B at 10 CSR 20-4.010 (1)(A)2

Combined sewer overflow/sanitary sewer overflow Number of overflows per year: 2+
 Wastewater Treatment Facility (specify) Has antidegradation report been submitted? Yes No N/A

- New facility
- Increase capacity/increase level of treatment
- Rehabilitation/process improvement

Failing or failed on-site wastewater disposal system Percentage of systems failing: _____ %

- On-site system replacement/rehabilitation
- Construction of a decentralized wastewater system
- New collection system

Collection system rehabilitation primarily to address inflow/infiltration

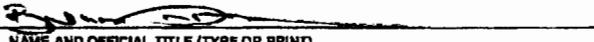
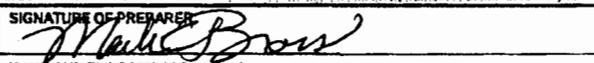
- New collection system
- Upgrade or expansion of existing collection system
- Storm water detention
- Agricultural Best Management Practice
- Landfill capping, leachate collection, side slope seepage prevention and control system, and monitoring wells

The project addresses groundwater pollution by: Factors E at 10 CSR 20-4.010 (1)(A)5

- Addressing problems caused by petroleum storage tanks
- Addressing problems caused by a hazardous waste site participating in the department's Voluntary Cleanup Program
- Addressing water quality problems caused by inadequate landfill leachate collection systems

The project considers aquatic/riparian habitat by: Factor F at 10 CSR 20-4.010(1)(A)6

- Including measures to restore aquatic/riparian habitat and/or to prevent aquatic/riparian degradation

16. PROJECT SCHEDULE (READINESS TO PROCEED) Factor C at 10 CSR 20-4.010(1)(A)3	
Milestone	Anticipated Date
A. Antidegradation report submitted (for any new, expanded or upgraded wastewater treatment plant)	
B. Engineering Report and Facility Plan complete	04/01/2015
C. All other funding is secured (if necessary, bonds are voted)	04/05/2011
D. Engineering Plans and Specifications complete	
E. Construction start date	
F. Mandatory completion date (attach copy of compliance schedule)	
17. THE FOLLOWING INFORMATION IS REQUIRED BY 10 CSR 20-4.040(8) AND MUST BE INCLUDED WITH THIS APPLICATION FORM:	
<input checked="" type="checkbox"/> A project summary that includes the need for the project : <ul style="list-style-type: none"> <input checked="" type="checkbox"/> The project components including maps or drawings showing the project location <input checked="" type="checkbox"/> A cost estimate including a cost breakdown <input checked="" type="checkbox"/> The most recent financial statement <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Proposed project schedule including: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Construction start date defined as the date of notice to proceed <input checked="" type="checkbox"/> Construction completion <input checked="" type="checkbox"/> Initiation of operation <input checked="" type="checkbox"/> Project completion 	
18. SUPPLEMENTAL INFORMATION – DOCUMENTATION MUST BE ATTACHED Factor C at 10 CSR 20-4.010(1)(A)3	
<input checked="" type="checkbox"/> User charge system budgets showing revenues and expenses for the past five years. <input checked="" type="checkbox"/> Documentation showing that an inflow/infiltration reduction program has been in place for the fast five years. <input type="checkbox"/> Water or Energy Conservation Plan <input checked="" type="checkbox"/> Proposed project is specifically identified in the applicant's master wastewater or capital improvement plan. (Master wastewater or capital improvement plan should be for a period of five or more years). <input type="checkbox"/> Documentation indicating the percentage of failed on-site wastewater disposal systems to be replaced or rehabilitated.	
CERTIFICATION:	
The undersigned representative certifies that the information submitted in this application is true and correct to the best of his/her knowledge and that he/she is authorized to sign and submit this application. The applicant agrees, if a loan is awarded on the basis of this application, to comply with all applicable terms, conditions and procedures of the Department of Natural Resources, the applicable rules and regulations of the Missouri Clean Water Commission and the terms and conditions of the loan agreement. Incomplete applications will be returned.	
SIGNATURE OF AUTHORIZED REPRESENTATIVE	DATE
	5-28-2014
NAME AND OFFICIAL TITLE (TYPE OR PRINT)	TELEPHONE NUMBER WITH AREA CODE
Bart Niedner - Mayor	(573) 754-4132 Ext.
PREPARER'S NAME AND SIGNATURE (IF APPLICABLE)	
SIGNATURE OF PREPARER	DATE
	5/29/14
NAME AND TITLE (PRINT OR TYPE)	TELEPHONE NUMBER WITH AREA CODE
Mark C. Bross, PE - Project Manager	(573) 221-0020 Ext.