



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

FOR OFFICE USE ONLY	
DATE RECEIVED	
LOAN 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 Metropolitan St. Louis Sewer District			
<input type="checkbox"/> Incorporated Municipality <input checked="" type="checkbox"/> Public Water/Sewer District <input type="checkbox"/> Other:			
APPLICANT TELEPHONE NUMBER WITH AREA CODE 314 - 768 - 6200 Ext.		APPLICANT FAX NUMBER WITH AREA CODE 314 - 768 - 6341	
APPLICANT MAILING ADDRESS 2350 Market Street			
CITY St. Louis	STATE MO	ZIP CODE + FOUR 63103-2555	COUNTY St. Louis City and County
AUTHORIZED REPRESENTATIVE NAME Jeffrey Theerman		AUTHORIZED REPRESENTATIVE TITLE Executive Director	
2. NAME OF PERSON TO CONTACT ABOUT THIS APPLICATION Bart Hager		TELEPHONE NUMBER WITH AREA CODE 314 - 768 - 6208 Ext.	
3. CONSULTING ENGINEER Black and Veatch			
CONSULTANT MAILING ADDRESS 15450 South Outer Forty Drive, Suite 200			
CITY Chesterfield	STATE MO	ZIP CODE + FOUR 63017-2062	
CONSULTANT TELEPHONE NUMBER WITH AREA CODE 636 - 532 - 7940 Ext.		CONSULTANT FAX NUMBER WITH AREA CODE 636 - 532 - 1465	
4. POPULATION (CURRENT CENSUS) 1,354,628		POPULATION OF AREA TO BE SERVED 197,000	
5. STATE SENATE DISTRICT NUMBER(S) 7, 24, 26		STATE REPRESENTATIVE DISTRICT NUMBER(S) 78 - 82, 85, 86, 88	

6. PROPOSED PROJECT INFORMATION

<input checked="" type="checkbox"/> Point Source Project		<input type="checkbox"/> Non-Point Source Project	
		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 (Attach Engineering Report as submitted to Missouri Water and Wastewater Review Committee, if applicable):
 MISSOURI RIVER WWTP SECONDARY TREATMENT EXPANSION AND DISINFECTION FACILITIES - Project No. 2006168

 Design and construction of secondary treatment expansion, new solids handling facilities and disinfection facilities at the Missouri River Treatment Plant. Engineering Report is attached.

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-0004391		
8. List Non-Permitted facilities to be eliminated by this project (attach list if necessary):		
Name	Population Served	Type and Condition of Facility

PROJECT COST INFORMATION			
9. Cost Estimate Dated: 10/8/2007		10. Cost Breakdown for Designated Categories	
Engineering Planning and Design	\$4,700,000	I. Secondary Treatment	\$128,000,000
Engineering (Construction Phase)	\$2,600,000	II. Advanced Treatment	\$6,500,000
Engineering Inspection	\$5,200,000	IIIA. Inflow/Infiltration Correction	\$
Land and Easements*	\$	IIIB. Sewer Rehabilitation	\$
Construction	\$114,000,000	IVA. Collection Sewers	\$
Equipment	\$	IVB. Interceptor Sewers	\$
SRF Closing Costs (estimate 3 percent)	\$2,300,000	V. Combined Sewer Overflow Correction	\$
Other Costs (specify)	\$	VI. Storm Water	\$
Contingencies	\$5,700,000	VII. Non-Point Source	\$
Total Project Costs	\$134,500,000	Total Project Costs	\$134,500,000
Funding From Other Sources	\$0		
Funding Request (this application only)	\$134,500,000		
* These costs are generally not eligible for CWSRF funding.			
11. DEBT INSTRUMENT			
A. Bonds		B. Capital Improvements Sales Tax	
Date of Bond Election 8/5/2008		Date of Election / /	
Type of Bond Revenue		Dedicated? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Amount of Bond \$275,000,000		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) \$46,800.00			
B Current monthly sewer use rate (for 5,000 gallons)	\$23.86	Proposed sewer rate (for 5,000 gallons)	\$24.34
C Sewer revenues for most recent year ended	\$209,326,070.00	Most recent year's date of data used	6/30/2008
D. Sewer operating expenditures for most recent year \$206,993,603.00			
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:			
Wastewater utility management training is included as part of each new Board member's orientation training. As well, ongoing training occurs during monthly Committee meetings and Board meetings.			

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

Missouri River

- Check if this is the receiving water body
- Check if the body is classified
- If affected water body is not classified, provide the nearest downstream water body

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:

Chesterfield

Maryland Heights

Unincorporated St. Louis County

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:

Limited irrigation and drinking water wells.

OTHER PROBLEMS ADDRESSED:

This project will enable the elimination of SSOs, which will reduce groundwater and surface water pollution.

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: _____
- 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)	3/25/2008
B. Engineering Report and Facility Plan complete	4/10/2008
C. All other funding is secured (if necessary, bonds are voted)	8/5/2008
D. Engineering Plans and Specifications complete	10/1/2010
E. Construction start date	7/8/2011
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:

- A project summary that includes the need for the project :
 - The project components including maps or drawings showing the project location
 - A cost estimate including a cost breakdown
- The most recent financial statement
- Proposed project schedule including:
 - Construction start date defined as the date of notice to proceed
 - Construction completion
 - Initiation of operation
 - Project completion

18. SUPPLEMENTAL INFORMATION – DOCUMENTATION MUST BE ATTACHED Factor C at 10 CSR 20-4.010(1)(A)3

- User charge system budgets showing revenues and expenses for the past five years.
- Documentation showing that an inflow/infiltration reduction program has been in place for the fast five years.
- Water or Energy Conservation Plan
- 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).
- 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 <i>Jeffrey Theerman</i>	DATE 10/15/2009
NAME AND OFFICIAL/TITLE (TYPE OR PRINT) Jeffrey Theerman, Executive Director <i>BT</i>	TELEPHONE NUMBER WITH AREA CODE 314 - 768 - 6245 Ext.

PREPARER'S NAME AND SIGNATURE (IF APPLICABLE)

SIGNATURE OF PREPARER <i>Bart Hager</i>	DATE 10/15/2009
NAME AND TITLE (PRINT OR TYPE) Bart Hager, Senior Civil Engineer, Planning	TELEPHONE NUMBER WITH AREA CODE 314 - 768 - 6208 Ext.