

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

April 1, 2015

**Small Borrower Loan for Silex**

**Issue:** The city of Silex has requested a small borrower loan of \$100,000 to fund the costs of the upgrades to their treatment facility as well as collection system.

**Background:** The city of Silex will use part of the funds for upgrades to the treatment facility as well as collection system repairs. They will eliminate four of the six lift stations, and upgrade the two remaining lift stations.

The city's current treatment facility is a three cell lagoon, with discharge to an unnamed tributary to Mill Creek. Silex has a schedule of compliance in their current permit, requiring them to meet more stringent ammonia, Biochemical Oxygen Demand, and Total Suspended Solids effluent limits by March 2013. The city intends to move to a land application system and eliminate the discharge. Wastewater will continue to flow to the existing plant location, and solid settlement will occur in a portion of cell one. The wastewater will then flow to a disc filtration system, and the final effluent will then be dispersed by land application through a drip irrigation system. The city owns the property that will be utilized to accommodate the necessary land application area required for this system.

The total project cost is estimated to be \$604,863. The city has secured some project funds through other funding agencies and city reserves. The city is also applying for a rural sewer grant for approximately \$124,600. The small borrower loan will complete the total estimated cost of construction.

Small borrower 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 \$100,000 for a small borrower loan to the city of Silex.

**Suggested Motion Language:** "I move to approve the allocation of funding in the amount of \$100,000 for a small borrower loan for the city of Silex."

**Attachment**

- Copy of Silex's application of funding.





MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 WATER PROTECTION PROGRAM, FINANCIAL ASSISTANCE CENTER  
**SMALL BORROWER LOAN APPLICATION**

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

**RECEIVED**

OCT 30 2014

10/30/14 (P)

FOR OFFICE USE ONLY	
DATE RECEIVED	
LOAN NUMBER	
PWS ID NUMBER	

This application is for a Small Borrower Loan **WATER PROTECTION PROGRAM**

**APPLICANT INFORMATION**

APPLICANT NAME City of Silex Missouri			
MAILING ADDRESS 310 Cherry Street, P.O. Box 191			
CITY Silex	STATE MO.	ZIP CODE + FOUR 63377	COUNTY Lincoln
TELEPHONE NUMBER WITH AREA CODE 573-384-5959 Ext.		FAX NUMBER WITH AREA CODE 573-384-5149	
AUTHORIZED REPRESENTATIVE NAME David Rice		AUTHORIZED REPRESENTATIVE TITLE Mayor	
NAME OF PERSON TO CONTACT ABOUT THIS APPLICATION Glenda Henry, City Clerk <i>Call Mayor</i>		TELEPHONE NUMBER WITH AREA CODE 573-384-5959 Ext. <i>573.384.5062</i>	
CONSULTING ENGINEER Michael Purol, P.E.			
CONSULTANT MAILING ADDRESS 801 Broadway, Suite 224, P.O. Box 190			
CITY Hannibal	STATE Missouri	ZIP CODE + FOUR 63401	
CONSULTANT TELEPHONE NUMBER WITH AREA CODE 573-822-5241 Ext.		CONSULTANT FAX NUMBER WITH AREA CODE 217-223-1546	
POPULATION (CURRENT CENSUS) 187	POPULATION OF AREA TO BE SERVED 850	FEDERAL TAX ID NUMBER 431055645	
STATE SENATE DISTRICT NUMBER(S) FOR PROJECT District 10		STATE REPRESENTATIVE DISTRICT NUMBER(S) FOR PROJECT District 41	
OTHER FUNDS ANTICIPATED FOR THIS PROJECT Community Development Block Grant, \$400,000.00, GO Bonds, \$5,145.06, Revenue Bonds, \$120,346.00			

Is this a water project or a sewer project?

ESTIMATED PROJECT COST INFORMATION		APPLICANT FINANCIAL INFORMATION	
Cost Estimate Dated:		Bond information/Debt Instrument	
Development and Administration	\$ 22,000.00	Date of Ballot Approval	11/01/2012
Engineering (Construction Phase)	\$ 35,872.48	Anticipated Date for Bond Election	
Engineering Inspection	\$ 20,000.00	<input checked="" type="checkbox"/> General Obligation Bonds \$	5,145.06
Construction	\$ 502,989.72	<input checked="" type="checkbox"/> Revenue Bonds \$	120,346.00
Equipment	\$ 24,000.00	<input type="checkbox"/> No Bonds Available	
Other Costs specify:	\$ none		
Contingencies	\$ none		
<b>Total Project Costs</b>	<b>\$ 604,862.20</b>		
<b>Loan amount requested (Loan is limited to \$100,000)</b>	<b>\$ 100,000.00</b>		

**ANTICIPATED FUNDING**

Total Costs	Applicant Contribution	Small Borrower Loan	Other Grants	Other Loan	Bonds
\$	\$ Bond Issue	\$ 100,000.00	\$ 400,000.00	\$	\$ 125,491.06
Percentage of Total Costs	%	17 %	62 %	%	21 %

MO 780-2035 (2/09)

BONDED INDEBTEDNESS OF APPLICANT					
Outstanding Balance of Bonds	Interest Rate	Purpose of Bond	Amortization Period	Payment Due Date	Installment Amount
\$	%	Wastewater Construction	Attached		\$ Attached
\$	%	In New Town			\$
\$	%	Remainder improving			\$
\$	%	old wastewater system.			\$
General Obligation Bonding Capacity \$					5,145.06
FINANCIAL REPORT OF APPLICANT					
Does applicant have an adequate accounting system? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
TAX REVENUES OF APPLICANT					
TYPE OF PROPERTY	AGRICULTURAL	COMMERCIAL	INDUSTRIAL	RESIDENTIAL	
Total Assessed Value	\$ 197.00	\$ 260,774.00	\$ 0.00	\$ 1,106,073.00	
Anticipated Annual Income	\$	\$ 1762.93	\$	\$ 12,900.84	
How will the applicant repay the loan? The City has raised their water and sewer rates in order to pay back the loan on a monthly plan.					
Median Household Income of project service area (as determined by latest census) \$					25,417.00
Projected Monthly User Charge for 5,000 gallons wastewater at completion of this project is \$					37.00
Current Monthly User Charge for 5,000 gallons wastewater is \$					16.00
Projected Monthly User Charge for 5,000 gallons drinking water at completion of this project is \$					56.12
Current Monthly User Charge for 5,000 gallons drinking water is \$					14.75
PROJECT DESCRIPTION					
(ATTACH ENGINEERING REPORT, IF AVAILABLE)					
Engineering report attached, eight pages.					
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 rules and regulations of the Department of Natural Resources and the terms and conditions of the loan agreement. <b>Incomplete applications will be returned.</b>					
SIGNATURE OF AUTHORIZED REPRESENTATIVE <i>David P. Rice</i>			DATE 10/23/2014		
NAME AND OFFICIAL TITLE (TYPE OR PRINT) Mayor, City of Silex Missouri			TELEPHONE NUMBER WITH AREA CODE 573-384-5959 Ext.		
PREPARER'S NAME AND SIGNATURE (IF APPLICABLE)					
SIGNATURE OF PREPARER <i>Jay Gourley BRPC, Glenda Henry, C. Clerk</i>			DATE 10/23/2014		
NAME AND TITLE (PRINT OR TYPE) Jay Gourley BRPC/Glenda Henry, City Clerk			TELEPHONE NUMBER WITH AREA CODE 573-456-3473 Ext. 111		