

Navigating Ohio's Water Pollution Control Loan Fund (WPCLF) Nomination Process

July 20, 2016

Office of Financial Assistance (OFA)

- Administers both state revolving loan fund programs
 - Water Pollution Control Loan Fund Water (WPCLF)
 - Water Supply Revolving Loan Account (WSRLA).
- Administers the recycling/litter prevention grant program
- Administers the wastewater treatment facility compliance assistance program

Ohio's Two State Revolving Funds Program Histories

	WPCLF	WSRLA
Authorization (year)	CWA 1987	SDWA 1996
First Loan	Sept. 1989	Feb. 1999
Total Loans	2,020 loans - \$7.5 billion	535 loans - \$1.2 billion
Federal Seed Money	\$2.13 billion	\$517 million
State Matching Funds	\$410 million	\$103 million
Annual Capacity	\$500 million/year	\$150 million/year

WPCLF Highlights from 2015

- 71 Projects awarded, totaling \$721,500,755 (record year!)
- 4 planning loans, 10 design loans, 57 construction loans.
- 7 Health Districts received a total of \$1 million for HSTS improvements in the Western Basin of Lake Erie.
- 8 projects received principal forgiveness funds totaling \$3.7M
- 17 CSO projects totaling over \$458 million; includes the 2nd largest loan ever from the WPCLF - \$254 million to City of Akron.
- Loans ranged in size from a \$31,000 planning loan to the Village of Danville to the \$254 million loan to Akron.

WPCLF

2017 Program Management Plan (PMP)

- Funding for municipal wastewater infrastructure
- Planning, design, and construction loans
- Ranked for funding in terms of financial need and environmental benefits

Discussion Items

- Notable items for PY 2017
- Nomination Process Overview
- Scoring, Interest Rate Assignment Overview
- Nomination Form Overview

Notable Items for PY 2017

- Continuation of **Nutrient Reduction Discount**- \$100M – open nomination period
- **CSO Discount** – New program offering discount for CSO projects
- **Affordability Criteria** for Principal Forgiveness projects
- **30-year loans**
- **Planning loans** – open nomination period

Nomination Process

- Call for nominations: **August 1, 2016**
- Submittal deadline: **August 31, 2016**
- DEFA scores, assigns interest rates for PMP based on information in nomination form
- DEFA issues draft PMP for public comment **mid October**, holds public hearing **mid-November**
- Final PMP issued by **January 1, 2017**

Scoring and Interest Rate Determination

- Interest rate based on MHI and population
- Scores consist of two components:
 - Economic need points
 - Integrated Priority System (IPS) points – based on benefits to human health, wetlands, groundwater and aquatic life use.

Nomination Form

- Five page document:
 - Project Area
 - Loan Type
 - Estimated Costs
 - Principal Forgiveness
 - Project Financing
 - Schedule
 - Water Quality
 - Sewage Overflow Addendum

APPLICANT/DESIGN ENGINEER'S WORKSHEET FOR CALCULATING WEIGHTED LOAN TERMS

Design Engineer:

Design Engineer Signature:

Date

Applicant:

Project:

Category I - Conveyance Structures (piping)		Useful Life = 50 years or Less	
Asset	Loan Value (dollars)	x Asset Useful Life	= Extension
			0.00
			0.00
			0.00
			0.00
			0.00

Category II - Process Equipment		Useful Life = 15-20 Years or Less	
Asset	Loan Value (dollars)	x Asset Useful Life	= Extension
			0.00
			0.00
			0.00
			0.00
			0.00

Category III - Buildings and Concrete Tanks		Useful Life = 30-50 Years or Less	
Asset	Loan Value (dollars)	x Asset Useful Life	= Extension
			0.00
			0.00
			0.00
			0.00
			0.00

Category IV - Earthen Structures		Useful Life = 40 Years or Less	
Asset	Loan Value (dollars)	x Asset Useful Life	= Extension
			0.00
			0.00
			0.00
			0.00
			0.00

Category V - Auxiliary Equipment		Useful Life = 10-15 Years or Less	
Asset	Loan Value (dollars)	x Asset Useful Life	= Extension
			0.00
			0.00
			0.00
			0.00
			0.00

Totals \$0.00 #DIV/0! 0.00

Project Useful Life for Loan Term (30 year max.) #DIV/0!





John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

**Water Pollution Control Loan Fund
 Interest Rate Discount for Nutrient Reduction Projects
 Nutrient Reduction Project Addendum**

During program year 2016, the Water Pollution Control Loan Fund (WPCLF) will offer an additional \$100 million available at a 0% interest rate for projects that include equipment and facilities at publicly-owned wastewater treatment plants to reduce the levels of phosphorus and other nutrient pollutants. The funds can be used for planning, design, and construction of qualifying projects. The discounted rate will be available for planning and design loans where the project description and planning information support the conclusion that the project will result in a nutrient reduction. The discounted rate will be available for the portion of construction projects directly attributable to the nutrient reduction. Standard, below-market interest rate loan funds will be offered for the balance of a proposed project. Priority will be given to public wastewater treatment systems that are in the Lake Erie watershed or in a watershed where Ohio EPA has identified that nutrients are excessive.

Please complete this form and include it with the appropriate WPCLF nomination materials if components of your nominated project will reduce the levels of phosphorus and other nutrient pollutants, and you are requesting the discounted interest rate.

Community/Applicant Name: _____

Project Name: _____ WPCLF/AIMS#: _____
(Assigned by Ohio EPA)

Total Est. Project Cost: _____

Total Est. Nutrient Reduction Amount: _____

Completed by:

Name: _____ Title: _____
(Please print)

Signature: _____ Date: _____

Description (Please briefly describe the Nutrient Reduction components of your project):

**Nutrient Reduction
 Discount Addendum**

**\$100 million in 0%
 interest loans to be
 available in PY 2017**





John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

**Water Pollution Control Loan Fund
 Interest Rate Discount for CSO Reduction Projects**

CSO Project Addendum

During program year 2017, the Water Pollution Control Loan Fund (WPCLF) will offer an additional \$100 million available at a 0% interest rate for projects that include the reduction or elimination of Combined Sewer Overflows (CSOs). The funds can be used for design and construction of qualifying projects. The discounted rate will be available for design loans where the project description and planning information support the conclusion that the project will result in a CSO reduction. The discounted rate will be available for the portion of the project directly attributable to the CSO reduction. Standard, below-market interest rate loan funds will be offered for the balance of a proposed project.

Please complete this form and include it with the appropriate WPCLF nomination materials if components of your nominated project will reduce the levels of phosphorus and other nutrient pollutants, and you are requesting the discounted interest rate.

Community/Applicant Name: _____

Project Name: _____ WPCLF/AIMS#: _____
(Assigned by Ohio EPA)

Total Est. Project Cost: \$ _____

Completed by:

Name: _____ Title: _____
(Please print)

Signature: _____ Date: _____

Description (Please briefly describe your project):

**CSO Discount
 Addendum**

**0% interest loans
 expected to be
 available in PY 2017**



OHIO WATER POLLUTION CONTROL LOAN FUND (WPCLF)

PROGRAM YEAR (PY) 2015 PROJECT NOMINATION FORM

To be eligible for assistance through the WPCLF, each new project must be nominated and placed on the project priority list for the designated year. To nominate a new project, complete this form in its entirety and submit it as requested on page 4. The information you provide below will determine the priority ranking of your project. Applicants submitting incomplete forms will be notified and the project will not be placed on the project priority list until you have provided a complete nomination form by August 31, 2014. To renominate a project, please either submit the pertinent project schedule form, or use this form if major changes to your project's scope and/or costs are proposed.

If interested in nominating your project for principal forgiveness, please mark the appropriate box on Page 3, and complete and submit the Principal Forgiveness Nomination Form as noted. If you submit only this Project Nomination Form, you have not requested principal forgiveness. Please direct any questions to Becky McKinney at (614) 644-3636.

APPLICANT INFORMATION: Please provide the information below so we can contact you concerning your project.

Community/Applicant			
Project Name			
		<input type="checkbox"/> This is a new project nomination	<input type="checkbox"/> This is a corrected nomination providing new information
Applicant Address		County	Project Legislative District(s)
Address			U.S. Congress:
City			State Senate:
OH Zip			State House:
Authorized Local Official Name and Title			Local Official Telephone Number
Authorized Local Official E-Mail Address			

PROJECT INFORMATION: Please provide a brief narrative description of the project and respond to the specific questions about the project included below. Please indicate the project's address/location and provide a map showing the project's location. Attach additional pages if necessary.

Is this project a continuation of a previous WPCLF project?	<input type="checkbox"/> No	<input type="checkbox"/> Yes (indicate project name below)
Will this project help to achieve compliance or maintain compliance with the NPDES permit?	<input type="checkbox"/> Achieve compliance with NPDES permit (attach explanation)	<input type="checkbox"/> Maintain compliance with NPDES permit (attach explanation)
	<input type="checkbox"/> Neither	
Is this project the result of Ohio EPA Director's Findings and Orders, a State of Ohio Consent Order, or a Federal Consent Decree?	<input type="checkbox"/> None	<input type="checkbox"/> Final Ohio EPA Director's Findings and Orders
	<input type="checkbox"/> State of Ohio Consent Order	
	<input type="checkbox"/> Federal Consent Decree	
	<input type="checkbox"/> Pending enforcement action	

The following data will help us determine the correct interest rate for your project. Please provide a complete response.

	User Population served	Wastewater Volume conveyed/treated	Median Household Income
For the area to be <u>directly served</u> by this project:			
For the complete service area for the applicant:			
Was the Median Household Income determined via a local income survey?	<input type="checkbox"/> No		
	<input type="checkbox"/> Yes – attach survey and all documentation as described in Program Year 2014 PMP Appendix K		
Will the capital cost of the project be paid for <u>only</u> by those users indicated here as directly being served by the project?	<input type="checkbox"/> No		
	<input type="checkbox"/> Yes		

Page 1 of WPCLF Project Nomination Form



ADDITIONAL PROJECT FEATURES: Some project features may enable you to qualify for a reduced interest rate, or a longer repayment period on a construction loan. Please check the appropriate boxes below for the potential features you want Ohio EPA to consider.

Septage Receiving Facilities Construction		Water Resource Restoration Sponsor Program (WRRSP)	
Conversion from Class B to Class A Sludge Production		Green Project Reserve (GPR) Discount	
Municipal Water Conservation		Project Promotes Sustainable Growth Attach a copy of the Sustainable Growth Plan that covers the project area	

TOTAL PROJECT COSTS: Please identify the estimated total project costs by category. Please identify the total project cost, regardless of whether you are requesting a WPCLF loan for the total amount.

	Planning	Design	Construction
Wastewater Treatment Plant Construction or Improvements			
Existing Sewer Rehabilitation			
New Sewer Construction			
Sanitary Sewer Overflow Correction			
Combined Sewer Overflow Correction			
Home Sewage Treatment Systems (HSTS) Improvements			

WPCLF LOAN TYPE AND REQUESTED AMOUNT: Please complete the appropriate box (es) below, indicating the amount and type of WPCLF funding being requested. Planning and design costs can be funded as a separate loan, or included in the construction loan at commencement of construction. **NOTE:** Individual loans for planning, design and construction will be added to the Project Priority List using the estimated loan amounts indicated below. If the Estimated Loan Amount value is blank, your loan request will not be added to the Project Priority List and no separate loan for that activity can be awarded.

	Estimated Loan Amount Requested
Planning loan (separate loan)	
Design loan (separate loan) <i>May include prior-incurred planning costs</i>	
Construction loan (separate loan; up to 30-year repayment term) <i>May include prior-incurred planning or design costs</i>	

OVERALL PROJECT FINANCING: So we can better work with you and coordinate with other funding agencies and their funding cycles, please answer the following questions to the best of your knowledge at this time. Please check the appropriate boxes.

Indicate other anticipated additional sources of project financing: OPWC CDBG Other: _____

PROJECT FINANCING – PRINCIPAL FORGIVENESS: The WPCLF will offer a limited amount of principal forgiveness to qualifying projects during PY 2015. To request principal forgiveness, you **must** also complete the separate 2015 Principal Forgiveness (PF) Nomination Form Spreadsheet and submit the completed PF Nomination Form with all required attachments along with this Project Nomination Form. **Missing or incomplete PF documentation will prevent consideration for principal forgiveness for your project in PY 2015.**

We are requesting Principal Forgiveness for this project and have attached the PF Nomination. Yes No

PROJECT SCHEDULE: So that the WPCLF can assure that WPCLF funds will be available when you need them, please indicate the date you will complete each task for each type of loan being requested. Please follow the minimum time intervals between each scheduled task. **Schedules with less than the minimum time intervals below may be rejected and returned for revisions.** Generally, once approved a project's funds are available on the last Thursday of January through October, and the second Thursday of December.
NOTE: if any of the following tasks have already been completed, please indicate this with a "C" and include the actual completion date.

Planning Loan Schedule	
Fill in this schedule if you are requesting a separate Planning Loan. (if this schedule is blank, you have not requested a Planning Loan)	
1. Submit complete Loan Application with dedicated source of repayment and draft engineering agreement with scope of planning activities to be funded through this loan (no later than 60 days prior to task 3)	
2. Sign loan documents and return to DEFA (no later than 7 days prior to task 3)	
3. We request a Planning Loan by (indicate the 1st of the month in which Loan is requested) (loan awards can be scheduled for January through October and December – no November scheduled awards)	
Design Loan Schedule	
Fill in this schedule if you are requesting a separate Design Loan. (if this schedule is blank, you have not requested a Design Loan)	
1. Submit approvable Facilities Planning information, including complete Infiltration/Inflow (I/I) Analysis (no later than 120 days prior to task 4)	
2. Submit complete Loan Application, including engineering agreements and all financial information. For sewer communities, submit an existing sewer use and sewer rate ordinance. For unsewered areas, submit a draft of a proposed user charge system. In each case, submit this information no later than 90 days prior to task 4.	

Page 4 of Nomination Form

This project addresses:

Check below if applicable and attach requested data

1. Disease Outbreak

Provide **documentation from the local health department** that demonstrates a correlation between the location of failing HSTS (or other pollutant sources), location of incidents of suspected waterborne disease, and dates of occurrences of reported illnesses. **Attach information showing how the project will eliminate the source of the waterborne disease.**

2. Human Health Risk - Fish Consumption

Identify the pollutant(s) of concern that will be addressed by the project. **Attach information indicating how the project will address this human health risk, the extent to which the pollutant will be reduced, and a map locating the project and the source(s) of pollution.**

3. Human Health Risk – Bathing-Beach Contamination

Provide **documentation of beach closings, indicating the dates and duration of closures within the past two calendar years.** **Attach information indicating how the project will address this human health risk through eliminating the algal or bacterial source(s) particular to the project in question, and a map** locating the project and the source(s) of pollution.

4. Human Health Risk - Drinking Water Supply Contamination

Provide **documentation from the drinking water supplier** that shows that **nitrate or pesticide advisories have been issued in the last two calendar years.** **Attach information indicating how the project will address this human health risk** through bringing the water supply into compliance with its MCLs, and a **map** locating the project and the source(s) of pollution.

ODH BeachGuard website

Ohio EPA Sport Fish
Consumption Advisory



<p>5. Human Health Risk - Home Sewage Treatment System (HSTS) Failures Provide documentation from the local health department which demonstrates a 30% or greater failure rate of HSTS in the project area, or bacterial sampling which shows a violation of water quality standards resulting from failing HSTS, or Director’s Findings and Orders from Ohio EPA to address failing HSTS. Attach information indicating how the project will address this human health risk by eliminated the failing systems, and a map locating the project and the source(s) of pollution. A letter from the local regulatory agency indicating that hook-ups will be enforced must be included in your submittal.</p>	
<p>6. Human Health Risk – Surface Water Bacteria Levels in Excess of WQS Provide documentation that shows bacteria levels exceed water quality standards for water body. Attach information that shows how the project will reduce bacteria levels to achieve water quality standards for the designated degree of human contact.</p>	
<p>7. Human Health Risk - Sewage Backups Into Basements or Onto Streets or Properties Provide documentation that demonstrates the presence of overflows in basements or streets or properties by completing the information on the attached Sewage Overflow Control Project Addendum.</p>	
<p>8. Human Health Risk - Dry Weather Overflows Provide documentation on the attached Sewage Overflow Control Project Addendum that shows the nature of the overflows and how they will be eliminated by the proposed project.</p>	
<p>9. Human Health Risk - Wet Weather Overflows Provide documentation on the attached Sewage Overflow Control Project Addendum that shows the nature of the overflows and how they will be controlled or eliminated by the proposed project.</p>	



This project benefits:

10. Ground Water

Attach a description of the project that includes an **identification of the sources of pollution or threats that will be addressed by the project**, whether the aquifer is used as a **source of drinking water, sampling information** on the sources if available, a **map** showing the location of the project, and a description of the extent to which the project will benefit ground water resources.

11. Wetlands

Attach **descriptions of the wetland** that will either be restored or preserved, including the wetland type and wetland function. Provide a map that shows the **location of the project and either an Ohio Rapid Assessment Method, VIBI, or AmphIBI score and worksheets**. For restoration, indicate the extent to which the project will restore the wetland.

12. Rivers, Streams, Inland Lakes, Lake Erie and the Ohio River

Attach descriptions of the source(s) of pollution or other sources of threats or impairments to surface water resources that will be addressed by the project, including a **map** showing locations of same and an **indication of the extent to which the sources of impairments/threats will be addressed**. Please include the name of the water resource; if unnamed, please name the nearest downstream named resource. Additionally, please identify the **HUC-12 watershed** or stream system within which the proposed project will be undertaken.

ADDENDUM to WPCLF NOMINATION FORM for SEWAGE OVERFLOW CONTROL PROJECT

Complete and submit this addendum if your project is intended to address public health or water quality impacts due to either dry or wet weather overflows from either sanitary sewers or combined sewers. If no additional information is provided on how the project will address bacterial contamination under item 3 or item 6, or the benefits of the project to wetlands, as requested by item 11, or rivers, streams, inland lakes, Lake Erie or the Ohio River, as requested by item 12 of page 4 on the nomination form, the answers to this addendum will be the sole means used to rank the overflow control project. Alternatively, if information is provided which addresses either items 3, 6, 11 or 12 of the nomination form, then the project will be evaluated based on the provided water quality information as well as the data provided via this addendum, and will be awarded the highest score. Only project types as described below will qualify for this alternative sewage overflow project scoring. If no project-specific water quality information is provided, and if you do not complete all relevant sections and submit this addendum, the project will be awarded a priority score of "zero."

This project will: (check as many as apply)

- Reduce the number of backup events by 50% or more, or eliminate occurrences of sewage backups into buildings due to inadequate capacity of sewers or satellite equalization basins to handle flows during wet weather conditions. *Complete Question #1.*
 - Eliminate dry weather overflows (these are **not** WWTP bypasses) due to inadequate capacity of sewers to carry flows during dry weather conditions from either a sanitary sewer system or a combined sewer system. *Complete Question #2.*
- Reduce or eliminate the volume or frequency of one or more wet weather overflows (not WWTP bypasses) by constructing:
- separate combined sewers by installing new storm and/or sanitary sewers *Complete Question #3.*
 - additional storage of wet weather flow *Complete Question #3.*
- How much additional storage will be provided? _____
- additional treatment of combined sewer overflows (treatment must be at least advanced primary) *Complete Question #3.*
- What additional treatment technology will be provided? _____
- express sewers to route sanitary flow out of the combined sewer system directly to the WWTP *Complete Question #3.*

Question #1 - Sewage Backups in Basements or onto Streets or Properties

Number of basement or residential street or property backup occurrences due to inadequate capacity of sewers that have activated within the past two calendar years: _____

Number of expected backup occurrences due to inadequate capacity of sewers after construction of this project is completed: (if greater than zero, attach an explanation, must achieve 50% or greater reduction in occurrences to be awarded these points) _____

Question #2 - Dry Weather Overflows

Number of dry weather overflow occurrences due to inadequate capacity of sewers that have activated within the past two calendar years: _____

Location of dry weather overflows due to inadequate capacity of sewers (describe below): _____

Question #3 - Wet Weather Overflows (indicate only one overflow point per line - attach additional pages if necessary)

Name / identification number of sewer overflow(s) impacted by the project	Has this overflow been active within the past two years? (Yes/No)	Will this overflow be eliminated? (Yes/No)	Stream to which the sewer overflow(s) discharges



More Information

www.epa.ohio.gov/default/EnvironmentalandFinancialAssistance.aspx

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