

OHIO WATER POLLUTION CONTROL LOAN FUND (WPCLF)

PROGRAM YEAR (PY) 2016 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, 2015. 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. 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			
Village of Ashville			
Project Name			
New Water Resource Recovery Facility		This is a new project nomination	<input checked="" type="checkbox"/> This is a corrected nomination providing new information
Applicant Address		County	Project Legislative District(s)
Address	Village of Ashville	Pickaway	U.S. Congress: 7
	20 East Station Street		State Senate: 17
City	Ashville OH Zip 43103		State House: 85
Authorized Local Official Name and Title			Local Official Telephone Number
Franklin Christman, Village Administrator			740-983-7132
Authorized Local Official E-Mail Address		fchristman@ashvilleohio.gov	

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.

The project consists of the construction of a new 0.8 MGD average day capacity (4.0 MGD peak hour design flow) oxidation ditch Water Resource Recovery Facility (WRRF) on a new site north of the Village. The new WRRF will consist of an influent pump station, headworks building, oxidation ditch, two final clarifiers, ultraviolet disinfection, post aeration, aerobic digesters, a sludge press and blower building. The project will also include a collection system wastewater pump station, 4,881 lineal feet of 10-inch force main and 5,104 lineal feet of 24-inch gravity outfall sewer.

Is this project a continuation of a previous WPCLF project?	<input checked="" type="checkbox"/>	No
		Yes (indicate project name below)
Will this project help to achieve compliance or maintain compliance with the NPDES permit?	<input checked="" type="checkbox"/>	Achieve compliance with NPDES permit (attach explanation)
		Maintain compliance with NPDES permit (attach explanation)
		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?		None
	<input checked="" type="checkbox"/>	Final Ohio EPA Director's Findings and Orders
		State of Ohio Consent Order
		Federal Consent Decree
		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:	4,097	.51 MGD	\$49,203
For the complete service area for the applicant:	6,924	.80 MGD	\$49,203
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?		No	
	<input checked="" type="checkbox"/>	Yes	

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	<input type="checkbox"/>	Water Resource Restoration Sponsor Program (WRRSP)	<input type="checkbox"/>
Conversion from Class B to Class A Sludge Production	<input type="checkbox"/>	Green Project Reserve (GPR) Discount (must submit a G P R A d d e n d u m)	<input type="checkbox"/>
Nutrient Reduction Discount (NRD) (must submit a NRD Addendum)	<input checked="" type="checkbox"/>	Project Promotes Sustainable Growth <i>Attach a copy of the Sustainable Growth Plan that covers the project area</i>	<input type="checkbox"/>

If your project becomes eligible for a 30-year term, are you interested in this option? Only those projects with at least a 30-year design life will be considered.

Yes No

Indicate Implementer/WRRSP Project Name, if known:

WATER AND SEWER RATE INFORMATION

Is PUBLIC DRINKING WATER currently provided to residents in the proposed project's service area? Yes No

If Yes, attach a copy of the WATER Rate Ordinance, Resolution, current rates and user charges. Be sure to specify the basis (e.g. cu. ft. or 1,000s of gallons) as well as the billing period (e.g. monthly or quarterly).

If water users are not charged, explain:

Is SEWER SERVICE currently provided to residents in the proposed project's service area? Yes No

If Yes, attach a copy of the SEWER Rate Ordinance, Resolution, current rates and user charges. Be sure to specify the basis (e.g. cu. ft. or 1,000s of gallons) as well as the billing period (e.g. monthly or quarterly).

If sewer users are not charged, explain:

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			\$13,044,100
Existing Sewer Rehabilitation			
New Sewer Construction			
Sanitary Sewer Overflow Correction			
Combined Sewer Overflow Correction			
Home Sewage Treatment Systems (HSTS) Improvements			
Phase I or Phase II Storm Water Improvements <i>Storm Water projects must have an identified water quality benefit</i>			
Salt Storage Facilities <i>Storm Water projects must have an identified water quality benefit</i>			
Agricultural - Cropland Best Management Practices <i>Includes Linked Deposit program funding requests</i>			
Agricultural - Animal Best Management Practices <i>Includes Linked Deposit program funding requests</i>			
Silviculture Best Management Practices			
Marinas/Waterways Best Management Practices			
Acid Mine Drainage Remediation			
Brownfield/Contaminated Site Remediation <i>Attach documentation identifying ownership of site to be remediated</i>			
Leaking Storage Tanks Remediation			
Sanitary Landfill Closure			
Water Resource Restoration / Protection <i>(do NOT include WRRSP)</i>			
Totals			\$13,044,100

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) May include prior-incurred planning costs	
Construction loan (separate loan; up to 30-year repayment term) May include prior-incurred planning or design costs	\$13,044,100

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	<input checked="" type="checkbox"/>	CDBG	<input type="checkbox"/>	Other: _____
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PROJECT FINANCING – PRINCIPAL FORGIVENESS: The WPCLF will offer a limited amount of principal forgiveness to qualifying projects during PY 2016.

We are requesting Principal Forgiveness for this project.	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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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)	N/A
2. Sign loan documents and return to DEFA (no later than 7 days prior to task 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)	N/A
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.	
3. Sign loan documents and return to DEFA (no later than 7 days prior to task 4)	
4. We request a Design Loan by (indicate the 1st of Month in which Loan is requested) (loan awards can be scheduled for January through October and December – no November scheduled awards)	
5. Project Completion - Provide the date the funded project will be completed and the PTI application submitted to DEFA.	

Construction Loan Schedule	
Fill in this schedule if you are requesting a Construction Loan. (if this schedule is blank, you have not requested a Construction Loan)	
1. Submit approvable Facilities Planning information, including complete I/I Analysis (no later than 200 days prior to task 8)	May, 2012
2. Submit complete Permit to Install application, including application, review fee, detail plans, contract documents, and specifications (no later than 170 days prior to task 8)	Submitted 3/13/15
3. Submit complete Loan Application, including community financial information, User Charge System, Sewer Rate and Sewer Use Ordinance, engineering agreements and easement/land acquisition information (no later than 150 days prior to task 8)	Submitted 4/13/15
4. Advertise for construction bids (no later than 60 days prior to task 8)	October, 28, 2015
5. Open construction bids (no later than 30 days prior to task 8). Be sure to allow for a minimum of 60 days to award contracts.	November 27, 2015
6. Submit bid information to DEFA no later than 21 days prior to task 8)	December 4, 2015
7. Sign loan documents and return to DEFA (no later than 7 days prior to task 8)	December 25, 2015
8. We request a Construction Loan by (indicate the 1st of Month in which Loan is requested) (loan awards can be scheduled for January through October and December – no November scheduled awards)	

PROJECT PRIORITY RATING INFORMATION: To ensure an accurate rating of your proposed project, provide documentation as described below that relates to the problems your project will address. *If incomplete or no documentation is submitted, the project will be awarded a priority score of "zero" when added to the project priority list.*

NOTE: Projects with a priority score of "zero" have a reduced guarantee of funding if funding availability is limited.

<p>This project addresses:</p>	<p>Check below if applicable and attach requested data</p>
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	
<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>	
<p>This project benefits:</p>	<p>Check below if applicable and attach requested data</p>
<p>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.</p>	
<p>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.</p>	
<p>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.</p>	<p>x</p>

SUBMITTAL AUTHORIZATION I hereby certify that I am authorized by my elected or appointed position to submit this nomination on behalf of the applicant identified above, that the information is complete and accurate to the best of my knowledge, and that it represents the information to be used to determine the priority of this project for funding and to schedule activities needed before loan award.

Franklin Christman

Village Administrator

Name (please print)

Title

Franklin Christman

August 14, 2015

Signature

Date

PLEASE SEND THIS COMPLETED FORM AND ALL ATTACHMENTS TO:
epa.defamail@epa.ohio.gov
NOTE: ONLY ELECTRONIC SUBMITTALS WILL BE ACCEPTED



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 dry or wet weather overflows from sanitary sewers or combined sewers. If no information is provided on how the project will address bacterial contamination (items 3 or 6 of page 4 of the nomination form), the benefits of the project to wetlands (item 11), or rivers, streams, inland lakes, Lake Erie or the Ohio River (item 12), the answers to this addendum will be the sole means used to score 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) _____

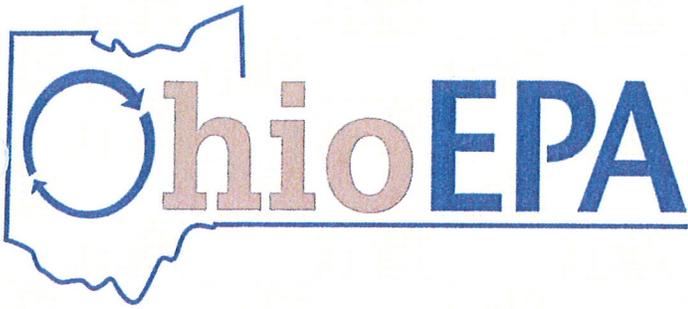
Question #2 - Dry Weather Overflows

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



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

Nutrient Reduction Project Addendum

During 2015 program year, 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 discounted rate will be available for the portion of the project directly attributable to the nutrient reduction. Standard, below-market interest rate loan funds will be offered for the balance of a proposed project. The funds can be used for planning, design, and construction of qualifying projects. 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 (through a TMDL study) 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: Village of Ashville

Project Name: Water Resource Recovery Facility WPCLF/AIMS#: _____
(Assigned by Ohio EPA)

Total Est. Project Cost: \$13,044,100

Total Est. Nutrient Reduction Amount: \$2,991,672

Completed by:

Name: Franklin Christman Title: Village Administrator
(Please print)

Signature: *Franklin Christman* Date: 8/13/15

Description (Please briefly describe the Nutrient Reduction components of your project): A three channel, oxidation ditch is proposed at the Village of Ashville WRRF to provide nitrogen and phosphorous removal. The three channel ditch provides for the oxidation of ammonia to nitrogen gas (i.e. nitrification-denitrification) and biological phosphorus removal. The outer oxidation ditch channel is an aerated anoxic reactor where a majority of the biological treatment will take place. This channel typically has 50% of the total ditch volume and is operated in an oxygen deficit mode to remove ammonia by converting it to nitrogen gas. This low oxygen environment also encourages the growth bacteria known as phosphate accumulating organisms (PAOs) that accumulate polyphosphate and remove phosphorous from wastewater. Dissolved oxygen concentrations in the second channel will be operated in a swing mode and will be varied with daily load conditions and oxygen demand requirements. The third channel will provide a polishing mode to remove remaining BOD and ammonia before the flow exits to final clarifiers. In the oxidation ditch, phosphorus accumulating organisms (PAOs) assimilate phosphorus from the influent wastewater. These organisms are then removed from the wastewater in the clarifiers, and eventually removed from the wet stream process when the sludge wasting occurs.



