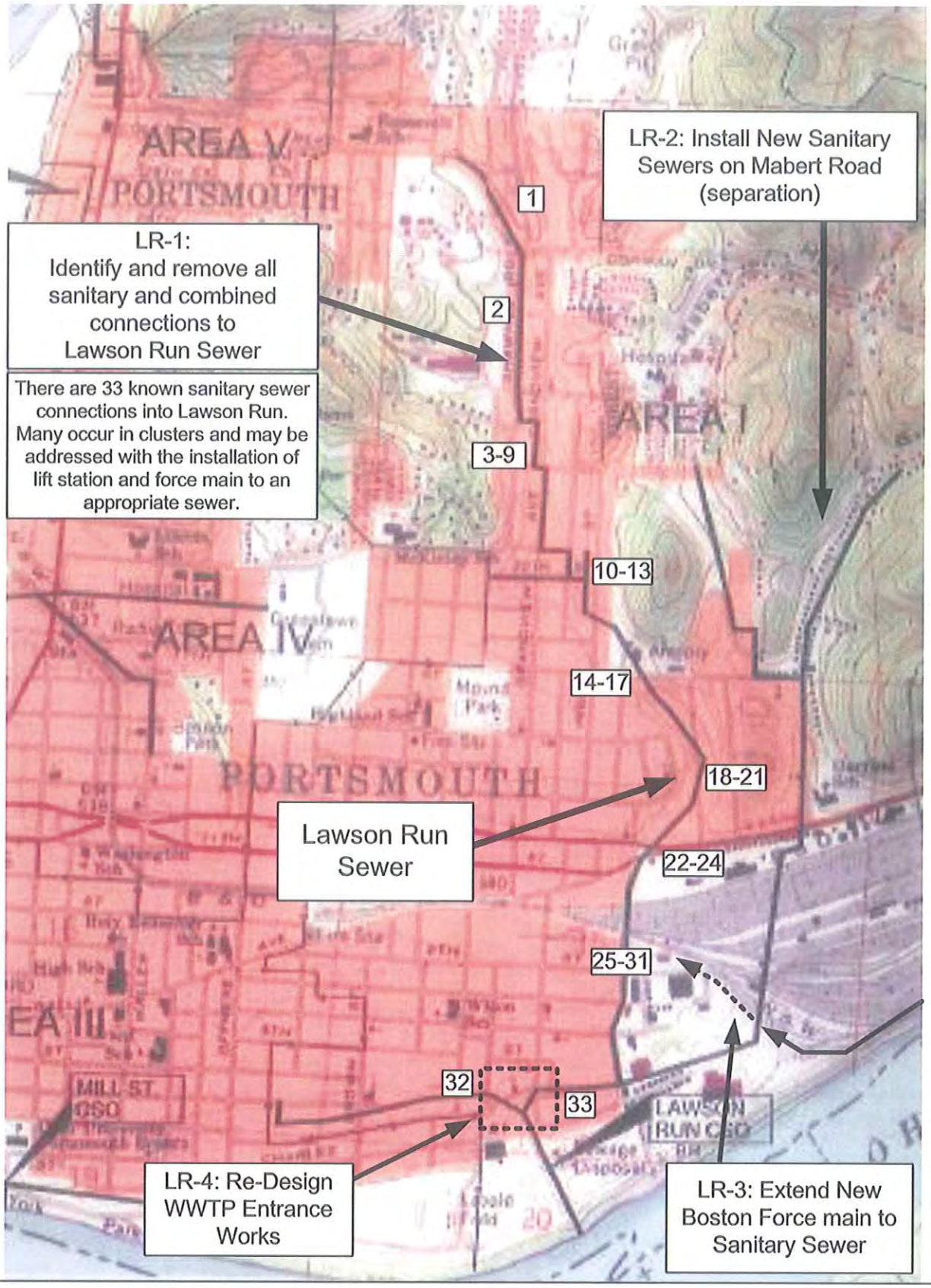


PHASE ONE: FEASIBILITY STUDY-
SEPARATION OF LAWSON RUN COMBINED SEWER TO BYPASS SURFACE WATER AROUND WWTP

November 8, 2012

Becky McKinney
Ohio Environmental Protection Agency - Division of Environmental and Financial Assistance
PO Box 1049
Columbus, Ohio 43216-1049
Becky McKinney

Re: 2013 Nomination Forms

Dear Ms. McKinney

We are forwarding herewith the following enclosures and explanations of our project nominations. The City of Portsmouth is currently negotiating and in the process of finalizing an Order on Consent with the USEPA regarding the City's sewer system. Based on significantly low Median Household Income and affordability of the City's sewer users, the City of Portsmouth respectfully requests due consideration for Principal Forgiveness for the following projects that will be required by the USEPA via the Order on Consent. The results of the finalized Order on Consent the City will be required to implement, including the nominated projects in this packet, including their planning, design, and construction, will undoubtedly place the cost of this implementation at a very high burden compared to user median household income (MHI) levels. The City's sewer users includes both the City of Portsmouth and the Village of New Boston, both with MHI's more than 50% below the state MHI and populations below poverty levels at more than 32% and 38% respectively according to the US Census ACS.

The city operates two NPDES permitted wastewater treatment plants, the Lawson Run (LR) WWTP, and Sciotoville WWTP. The LR WWTP serves approximately 20,000 of the City's residents and all of the Village of New Boston's residents. The tributary sewershed to the LR WWTP is made up of both combined and separate sewer systems, all of which are ultimately directed to the Lawson Run Tunnel Sewer prior to discharging to the LR WWTP. All flows to the Sciotoville WWTP are made up of a separate sanitary sewer system isolated to the easternmost extents of the City's limits and is the only portion of the City's system which is not ultimately directly tied to the LRTS.

The Grandview Avenue area of the LRTS sewershed has been plagued by non permitted combined sewer overflows, private property backups, and overland flooding for over 50 years due to undersized sewer capacity to handle both sanitary sewer and storm event flows as impervious surface has increased since its construction in the early 20th century. While the City strives to properly maintain the system, and has implemented a number of projects, including a tunnel relief sewer decades ago, high intensity rain events continue to inundate and overwhelm the undersized system and continued to cause property damage, human health risks, and has resulted in numerous individual and class action lawsuits against the City. This

area's sewer capacity issues is one of the primary drivers for the Order on Consent mandated by the USEPA.

The City, USEPA, and OEPA are all in agreement that there is not one simple solution to this complex system and its issues in a highly developed residential area, but rather a suite of solutions will have to be implemented for overflow correction. These solutions will be required by the Order on Consent and will include a below ground CSO storage structure in the 2300 block of Grandview Avenue, a stormwater detention pond to mitigate stormwater flows directly into the combined system, lining of failing clay sewers in Redwood Alley, a full condition assessment and feasibility study for separation of the LRTS, and addition of staff and equipment to assess, repair, and continue to maintain the greater aging sewer system. The City has already initiated a residential downspout disconnection program in this area to reduce flows based on recent I/I studies.

Working closely with OEPA DEFA, and in anticipation of the 2013 nomination process, the City has already taken out a planning loan through OWDA in order to initiate planning for the 2300 Block Grandview Storage and Coles & 25th Street Detention projects and purchase sewer televising equipment that will be required by the City's System Management, Operation, and Maintenance (MOM) Program. The City proactively moved to finance this project to best prepare itself for award of available 2013 design and construction Principal Forgiveness monies.

The following is a detailed explanation of the nominated projects as per the requested information in the Nomination Forms. These nominated projects will be a requirement of the Order on Consent in 2013. Based on discussions with DEFA, because these projects are to be mandated by Order, are already in the planning phase with DEFA, and DEFA has reviewed the City's Long Term Control Plans and I/I studies, principal forgiveness is requested for BOTH Design AND Construction for 2300 Block Grandview Storage and Sewer Rehabilitation and 25th and Coles Detention Structure. The City is in a unique position to have design complete in 2013 such that the projects will be awarded in 2013.

Overview and Explanations of Nomination Form Information

Population of Portsmouth:	22,171
Population of New Boston:	2,270
Total Population Served:	**24,441**
MHI of Portsmouth:	$22,270
MHI of New Boston:	$18,563
Adjusted MHI:	**$21,926**
Portsmouth % Poverty:	32.5%
New Boston % Poverty:	38.4%

*Demographics based on ACS for 2006-2010 and US Census data 2011 data

2300 Block Grandview Storage and Sewer Rehabilitation

The storage project will consist of design and construction of more than 500,000 gallons of underground storage for wet weather, modification of existing LRTS, LRTS junction chamber, piping modifications, local separation, potential pump equipment, pump around during construction, and property acquisition for construction. Rehabilitation will consist of lining approximately 2500 LF of deteriorated 18" vitrified clay pipe in Redwood Alley identified by and I/I study of the area.

25th and Coles Detention Structure

This project will consist of design and construction of nearly 1,000,000 gallons of aboveground stormwater detention to mitigate direct mass inflow of storm water from approximately 10% of the upper LR sewershed. Construction includes piping modifications, excavation, and property acquisition for construction.

Lawson Run Separation Feasibility

This project includes the full condition assessment, exploration, and feasibility study for separation of the primary LRTS and its direct combined, storm, and sanitary sewer connections. The LRTS varies in diameter from 60" to 120". Special equipment and contractors will be required for the full televising and condition assessment. There are over 30 direct connections to the LRTS that will be analyzed for separation with investigation and alternatives analysis of the most effective means of reducing combined sewer over flows (CSOs) at the City's LR WWTP.

Special Equipment

As a requirement of the Order on Consent with USEPA, City will be required to develop a MOM for its system. This MOM will require the city to purchase and operate flow monitoring and system maintenance equipment in addition to the sewer televising equipment it is already in the process of purchasing through its OWDA loan.

We have attached both maps of portions of the City's system where the projects mandated by the USEPA are to be implemented, and a certified cost opinion delineating the costs to be incurred by the City's users as a result of these projects.

Please consider the City's request for consideration of Principal Forgiveness of these mandated projects and do not hesitate at any time to contact us for additional information.

Sincerely,

City of Portsmouth

Richard Duncan

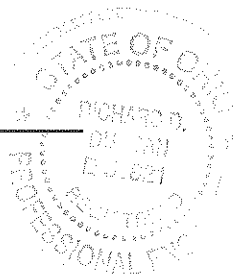
Enclosure(s)

c: Mayor, David Malone, City of Portsmouth
Ohio EPA Southeast District
USEPA Region 5
Strand Associates, Inc.

City of Portsmouth
2013 OEPA DEFA Nominations
November 8, 2012

25th & Coles Detention					$ 360,000
Project Costs Excluding Design and Planning					**$ 325,000**
Planning Costs					**$ 10,000**
Design Costs					**$ 25,000**
Description	Quantity	Unit	Unit Price		Amount
Headwall Removed	1	Ea	$ 500		$ 500
Clearing & Grubbing	1	LS	$ 7,500		$ 7,500
Excavation	7,000	CY	$ 15		$ 105,000
Embankment	450	CY	$ 40		$ 18,000
Type 2-6 Catch Basin	1	Ea	$ 3,500		$ 3,500
Type 2-6 Catch Basin Water Quality Chamber	1	Ea	$ 5,000		$ 5,000
Type B 12" Conduit	90	LF	$ 60		$ 5,400
Type B 24" Conduit	60	LF	$ 80		$ 4,800
Type B 54" Conduit	28	LF	$ 150		$ 4,200
Riprap using 6" Reinforced Concrete Slab	240	SY	$ 125		$ 30,000
Fence, Type CL Chain Link/Gates	550	LF	$ 15		$ 8,250
Seeding & Mulching Class 2 Lawn	3,400	SY	$ 3		$ 10,200
Mobilization	1	LS	$ 5,000		$ 5,000
Bonding and Insurance	1	LS	$ 5,000		$ 5,000
10% Contingency					$ 19,000
Property Survey					$ 5,000
Property Acquisition					$ 50,000
Legal Fees					$ 2,500
Planning					$ 10,000
Design					$ 25,000
Permits and Advertising					$ 2,000
Construction Administration and Inspection					$ 31,000

Richard Duncan



City of Portsmouth
2013 OEPA DEFA Nominations
November 8, 2012

2300 Block Grandview CSO Storage				$ 2,700,000
Project Costs Excluding Design and Planning				**$ 2,560,000**
Planning Costs				**$ 40,000**
Design Costs				**$ 100,000**
Description	Quantity	Unit	Unit Price	Amount
LRTS Modification	1	Ea	$ 100,000	$ 100,000
LRTS Junction Chamber	1	LS	$ 100,000	$ 100,000
Excavation	1	LS	$ 100,000	$ 100,000
Pump Around	60	Days	$ 8,000	$ 480,000
Dewatering	90	Days	$ 1,000	$ 90,000
Detention Structure	1	LS	$ 1,000,000	$ 1,000,000
Mobilization	1	LS	$ 50,000	$ 50,000
Bonding and Insurance	1	LS	$ 50,000	$ 50,000
10% Contingency				$ 197,000
Property Survey				$ 10,000
Property Acquisition				$ 250,000
Legal Fees				$ 10,000
Planning				$ 40,000
Design				$ 100,000
Permits and Advertising				$ 15,000
Construction Administration and Inspection				$ 100,000

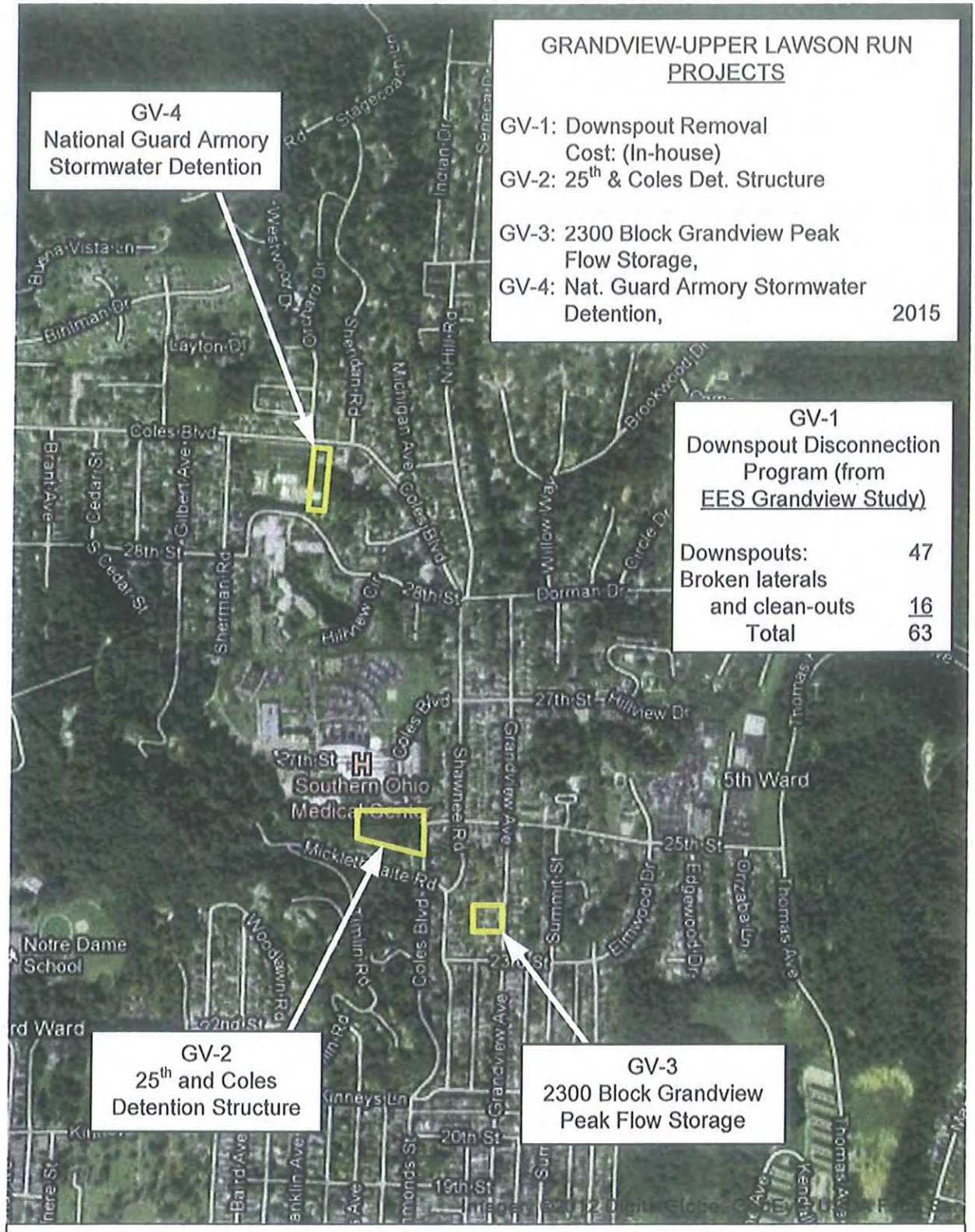
Richard Duncan

City of Portsmouth
2013 OEPA DEFA Nominations
November 8, 2012

Redwood Alley Lining				**$ 280,000**
Project Costs Excluding Design and Planning				**$ 265,000**
Design Costs				**$ 15,000**
Description	Quantity	Unit	Unit Price	Amount
LRTS Modification	2,500	LF	$ 75	$ 187,500
Pump Around	1	LS	$ 25,000	$ 25,000
Mobilization	1	LS	$ 5,000	$ 5,000
Bonding and Insurance	1	LS	$ 5,000	$ 5,000
10% Contingency				$ 22,250
Design				$ 15,000
Permits and Advertising				$ 2,000
Construction Administration and Inspection				$ 10,000

Lawson Run Seperation Feasibility				**$ 1,250,000**
Description	Quantity	Unit	Unit Price	Amount
Tunnel Sewers TV and Assessment	20,000	LF	$ 50	$ 1,000,000
Invert and Location Survey				$ 25,000
Data Analysis				$ 50,000
Seperation Feasibility Study and Alternatives Analysis				$ 175,000

Richard Duncan
City of Portsmouth
2013 OEPA DEFA Nominations
November 8, 2012



PHASE ONE: GRANDVIEW AVENUE/UPPER LAWSON RUN PROJECTS

OHIO WATER POLLUTION CONTROL LOAN FUND (WPCLF)

PROGRAM YEAR 2013 PROJECT NOMINATION FORM

To be eligible for assistance through the WPCLF, each project must be nominated and placed on the project priority list for the designated year. To nominate a 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. Incomplete forms will be returned and the project will not be placed on the project priority list until you have provided a complete nomination form.

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) 644-2798.

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

Community/Applicant			
City of Portsmouth			
Project Name			
2300 Block Grandview CSO Storage	This is a new project nomination	X	This is a corrected nomination providing new information

Applicant Address		**County**	**Project Legislative District(s)**
Address	2040 Charles St.	Scioto	U.S. Congress: 2
			State Senate: 14
City	Portsmouth OH Zip 45662		State House: 89

Authorized Local Official Name and Title	**Local Official Telephone Number**
Richard Duncan, Director of Wastewater and Flood Defense	740-353-0241
Authorized Local Official E-Mail Address	Rduncan1@falcon1.net

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.*

See Attached Letter and Figures

Is this project a continuation of a previous WPCLF project?	X	**No**
		Yes (indicate project name below)
Will this project help to achieve compliance or maintain compliance with the NPDES permit?	X	**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**
		Final Ohio EPA Director's Findings and Orders
		State of Ohio Consent Order
		Federal Consent Decree
	X	**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 directly served by this project:	22,400	Varies	$21,929
For the complete service area for the applicant:	24,441	Varies	$21,929

Was the Median Household Income determined via a local income survey?	X	**No**
		Yes – attach survey and all documentation as described in PMP Appendix Q
Will the capital cost of the project be paid for only by those users indicated here as directly being served by the project?	X	**No**
		Yes

ADDITIONAL PROJECT FEATURES

Some project features may enable you to qualify for a reduced interest rate on a construction loan. Please check the appropriate choices for the potential interest rate discounts you want Ohio EPA to consider.

Septage Receiving Facilities Construction		**Water Resource Restoration Sponsor Program (WRRSP) project sponsor (indicate project name below)**	
Conversion from Class B to Class A Sludge Production			
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	$40,000	$100,000	$2,560,000
Home Sewage Treatment Systems (HSTS) Improvements			
Phase I or Phase II Storm Water Improvements *Storm Water projects must have an identified water quality benefit*			
Salt Storage Facilities *Storm Water projects must have an identified water quality benefit*			
Agricultural - Cropland Best Management Practices *Includes Linked Deposit program funding requests*			
Agricultural - Animal Best Management Practices *Includes Linked Deposit program funding requests*			
Silviculture Best Management Practices			
Marinas/Waterways Best Management Practices			
Acid Mine Drainage Remediation			
Brownfield/Contaminated Site Remediation *Attach documentation identifying ownership of site to be remediated*			
Leaking Storage Tanks Remediation			
Sanitary Landfill Closure			
Water Resource Restoration / Protection *(do NOT include WRRSP)*			
Totals	$40,000	$100,000	$2,560,000

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, a loan request cannot 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 20 year repayment term) *May include prior-incurred planning or design costs*	$2,700,000

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 choices.

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 Program Year 2013. To request principal forgiveness, you must also complete the separate 2013 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 Program Year 2013.***

We are requesting Principal Forgiveness for this project and have attached the PF Nomination.	**Yes**	**X**		**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, including engineering consultant agreements and dedicated source of repayment information (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 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)	1/15/13
2. Submit complete Loan Application, including engineering consultant agreements and dedicated source of repayment information (no later than 90 days prior to task 4)	2/14/13
3. Sign loan documents and return to DEFA no later than 7 days prior to task 4)	5/8/13
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)	5/15/13
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 9)	2/1/13
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 9)	6/14/13
3. Submit community financial information, including User Charge System and Sewer Use ordinance (no later than 150 days prior to task 9)	7/4/13
4. Submit complete Loan Application, including engineering agreements and easement/land acquisition information (no later than 90 days prior to task 9)	9/2/13
5. Advertise for construction bids (no later than 60 days prior to task 9)	10/2/13
6. Open construction bids (no later than 30 days prior to task 9) **Be sure to allow for a minimum of 60 days to award contracts**	11/1/13
7. Submit bid information to DEFA no later than 21 days prior to task 9)	11/10/13
8. Sign loan documents and return to DEFA (no later than 7 days prior to task 9)	11/22/13
9. 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)	12/1/13

PROJECT PRIORITY RATING INFORMATION

To assure 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 due to limited availability of funds.

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, 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 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.*	
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.*	
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.*	
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.*	X
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.*	
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.*	X
This project benefits:	Check below if applicable and attach requested data
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 an Ohio Rapid Assessment score and worksheet. 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 watershed or stream system within which the proposed action will be undertaken.*	

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.

Richard Duncan
Name (please print)

Director of Wastewater and Flood Defense
Title

Richard Duncan
Signature

11/8/2012
Date

PLEASE COMPLETE AND SEND WITH ALL ATTACHMENTS TO:
defamail@epa.state.oh.us
OR
Ohio Environmental Protection Agency - Division of Environmental and Financial Assistance
PO Box 1049
Columbus, Ohio 43216-1049
ATTN.: Becky McKinney

WPCLF
Ohio Water Pollution Control Loan Fund

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)

[X] 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 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 by constructing:

[X] separate combined sewers by installing new storm and/or sanitary sewers ***Complete Question #3.***

[X] additional storage of wet weather flow ***Complete Question #3.***

How much additional storage will be provided? >500,000 gallons

[ ] 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: 2

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) 0

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
Lawson Run Tunnel Sewer, CSO #2	Yes	Yes	Private Properties, Lawson Run

Program Year 2012 WPCLF Principal Forgiveness Nomination Form

Name of Applicant:	City of Portsmouth

Your principal forgiveness request will be reviewed solely based on the information provided in and with this Nomination Form, so please complete all sections as identified below and attach all additional information as indicated.

1. What entities will be served by the project?

Municipality(ies):	City of Portsmouth, Village of New Boston
Township/County:	
Sewer District:	
Industry(ies):	

2. What entity(ies) will:

Own the facilities:	City of Portsmouth
Operate/manage the system:	City of Portsmouth
Finance the construction:	City of Portsmouth

3. Describe the existing wastewater treatment facilities for the project area:

Check only one:

☐ home sewage treatment systems only	☐ partially served by publically-owned sewers	☑ completely served by publically-owned sewers

4. What type of project are you requesting principal forgiveness funding for?

Check only one (complete a separate form for each project type being nominated):

☐ stand-alone planning	☐ planning+design	☐ stand-alone design	☑ stand-alone design - CSO	☐ construction	☑ construction - CSO

A stand-alone planning project is one whose scope includes expenses for planning tasks, but no construction or design expenses - unsewered areas only.
A "planning+design" project is a combined planning plus design award, available for unsewered areas only.
A stand-alone design project is one whose scope includes expenses for detailed design tasks, but no planning or construction expenses.
A construction project is one whose primary purpose is for construction activities, but whose total costs may also include prior-incurred planning or design costs directly attributable to the project.

If you are requesting principal forgiveness funding for a stand-alone planning project, a planning+design project, or a stand-alone design project, please skip to Item 11 on page 2. If you are requesting principal forgiveness for a construction project, you must complete items 5 through 11.

5. Estimated Construction Costs

You can list all construction projects for which you have submitted a nomination form or updated project schedule, as applicable, that you have scheduled to receive a loan award during this Program Year **only**. All project costs must be documented via a signed, stamped Professional Engineer's opinion of probable costs. **The cost estimate can include prior-incurred planning or design costs directly attributable to the construction of the project.** If the supporting cost estimate documentation for each project is not attached with this Principal Forgiveness Nomination Form, your project(s) cannot be considered as part of the calculations for qualification for principal forgiveness for Construction and Ohio EPA will deduct the costs of the undocumented projects.

Only projects that are listed below will be included in the calculations for determining your qualification for principal forgiveness.

Project Name	Estimated Loan Award Month	Nomination Status	System-wide Capital Costs*	Non-System-wide Capital Costs*
2300 Block Grandview Storage		☑ New Nomination ☐ Re-Nomination	$2,700,000	
25th and Coles Detention Project		☑ New Nomination ☐ Re-Nomination	$360,000	
Redwood Alley Sewer Lining		☑ New Nomination ☐ Re-Nomination	$280,000	
		☐ New Nomination ☐ Re-Nomination		
		☐ New Nomination ☐ Re-Nomination		
		Total Costs:	$3,340,000	$0

* In some cases, costs of local collection lines or other non-system wide facilities may be borne by only a portion of the users, and should be separately accounted for in calculating total facilities costs and financing methods. If all costs for a project will be shared among all users, indicate that the costs will be system-wide. If the project users will be solely responsible for the new capital costs but will also carry some portion of system-wide existing debt and O,M&R costs, please contact Ohio EPA for additional instructions for completing this form.

6. System-wide Annual Debt Payment

For New Projects Listed above

Total Construction Costs	Amount	Interest Rate*	Financing Term (years)	Annual Debt Payment
System-wide	$3,340,000	2.44%	30	$157,657
Non-system-wide	$0			$0
For Existing Debt				
Existing System-wide Annual Debt Service				$469,515

* use the WPCLF interest rate for which you qualify. Interest rates are described at http://www.epa.state.oh.us/defa/interest_rate.aspx.

7. Estimated Annual Operation, Maintenance and Replacement (O, M & R) costs

Include your existing annual operation, maintenance, and replacement costs as well as the O, M & R costs for the new project(s) listed above.

Labor	$1,562,110
Utilities	$306,500
Materials	$118,000
Outside Services	$85,000
Equipment Replacement	$50,000
Miscellaneous	$192,248
Total Future O,M,&R	$2,313,858

8. Breakdown of Sewer Users versus Costs

Identify what percentage of the system costs will be carried by each class of user that will be connected to the system once the new facilities have been constructed.

User Class	Number of Customers	Percent of Costs
Residential	7683	70.0%
Commercial	409	8.0%
Institutional & Government	82	2.0%
Industrial/Other	1	20.0%
Cost shared by other entities served by project		
Total	8,175	100.0%

9. Residential Costs versus Non-Residential Costs

	Total	Residential Share (based on 8a)	Non-residential Share
Existing System-wide Debt Service	$469,515	$328,661	$140,855
New System-wide Debt Service	$157,657	$110,360	$47,297
Total Annual O, M, & R	$2,313,858	$1,619,701	$694,157
Subtotals	$2,941,030	$2,058,721	$882,309
Surplus Fund (indicate %)	0%	0%	0%
Totals	$2,941,030	$2,058,721	$882,309

10. System wide annual cost per household:

Residential share of Total system wide costs:	$2,058,721
Number of existing households to be served:	7,683
Average annual system wide cost per household:	$267.96

11. 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 level of funding for this project.

Richard Duncan
Name (please print)

Director of Wastewater and Flood Defense
Title

Richard Duncan
Signature

11/8/2012
Date

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Phone Number

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