



2016 VILLAGE OF ASHVILLE 2ND QUARTERLY F & O REPORT

Pickaway County 4PC00005

The Village of Ashville will report on the status of the items identified in the Findings and Orders in Quarterly Reports. The three areas covered include:

- Construction of new Water Resource Recovery Facility (WRRF) in the orders listed as WWTP
- Create an Infiltration and Inflow (I & I) Plan
- Special Environmental Projects (SEP) - Completed



Section One



WRRF

Section Two



I & I

Section Three



SEP

Franklin Christman, Village Administrator

June 2016



2016 VILLAGE OF ASHVILLE 2ND QUARTERLY F & O REPORT



Construction of new Water Resource Recovery Facility (WRRF)

The first section of this quarter report will deal with the status of the Water Resource Recovery Facility (WRRF). The first heading will discuss the design, permit, and bidding status. The second heading will deal with the status of obtaining funds for the WRRF. The third heading will be the Construction section when that began March 2016, see attached schedule.

PLANNING, DESIGN, PERMIT, AND BID, STATUS

This phase has been completed.

FINANCING STATUS

The first funding for this project involved Planning, Design, and Land Acquisition. Ohio Water Development Authority (OWDA) provided 1.11 million dollars for this purpose, Attachment 2. Land has been acquired and annexed into the Village of Ashville. For the Construction of the Water Resource Recovery Facility we have one confirmed source of funding and two addition sources pending approval

1. Ohio Water Pollution Control Loan Fund (WPCLF) for the Water Resource Recovery Facility. On February 25, 2016 a Thirty Year DEFA Loan was approved for \$13,871,722.75 – See Figure 1.
2. Round 30 funding request to Ohio Public Works Commission (OPWC) for Part B. That request is for a \$500,000.00 zero percent interest loan, see Figure 2.
3. Round 30 funding request to Ohio Public Works Commission (OPWC) for Credit Enhancement of \$336,420, see Figure 3.

3/10/2016

Ohio Water Development Authority



Figure One

Ashville

Loan

Description: New Water Resource Recovery Facility NRD

Purpose: Sewer

Account Number: 7256

EPA ID: CB390122-0010

Reports

Loan Summary

Loan Transactions (Detail)

Disbursement Detail

Audit Confirmation

Other Reports

All Transactions

Forms

Loan Information

Funding Account Name							Interest Rate	Amount Financed + Interest	Loan Balance Outstanding
Water Pollution Control Loan Fund							0.48%	\$13,871,722.75	\$0.00
Application Status	Loan Status	Disbursement Status	Amortization Status	Term	First Payment Date	Last Payment Date	Pay-Off Method		
Approved			NOT Complete	30	07/01/2018	01/01/2048	Installment		
Total:								\$13,871,722.75	\$0.00

Loan Contractor Information

Contractor ID	Contractor Name	Encumbered Amount	Disbursed Amount	Undisbursed Amount
A	Peterson Construction Co.	\$11,580,000.00	\$0.00	\$11,580,000.00
CO	Consultancies	\$644,480.00	\$0.00	\$644,480.00
PL	Planning Loan	\$957,646.75	\$0.00	\$957,646.75
TS	Technical Services	\$642,692.00	\$0.00	\$642,692.00
TS1	Administration	\$46,904.00	\$0.00	\$46,904.00
Total:		\$13,871,722.75	\$0.00	\$13,871,722.75

IMPORTANT: Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

Applicant

Applicant: Village of Ashville, Ohio Subdivision Code: 129-02680
District Number: 17 County: Pickaway Date: 10/02/2015
Contact: Franklin Christman Phone: (740) 983-7132
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)
Email: fchristman@ashvilleohio.gov FAX: (740) 983-4703

Project

Project Name: Water Resource Recovery Facility Improve. - Force Main Discharge (Part B) Zip Code: 43103
Subdivision Type (Select one) Project Type (Select single largest component by \$) Funding Request Summary (Automatically populates from page 2)
☐ 1. County ☐ 1. Road Total Project Cost: 1,553,691.00
☐ 2. City ☐ 2. Bridge/Culvert 1. Grant: 0.00
☐ 3. Township ☐ 3. Water Supply 2. Loan: 500,000.00
☒ 4. Village ☒ 4. Wastewater 3. Loan Assistance/
Credit Enhancement: 0.00
☐ 5. Water (6119 Water District) ☐ 5. Solid Waste Funding Requested: 500,000.00
☐ 6. Stormwater

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Project

Project Name: _____ Zip Code: _____
Subdivision Type (Select one) Project Type (Select single largest component by \$) Funding Request Summary (Automatically populates from page 2)
☐ 1. County ☐ 1. Road Total Project Cost: 336,420.00
☐ 2. City ☐ 2. Bridge/Culvert 1. Grant: 0.00
☐ 3. Township ☐ 3. Water Supply 2. Loan: 0.00
☒ 4. Village ☒ 4. Wastewater 3. Loan Assistance/
Credit Enhancement: 336,420.00
☐ 5. Water (6119 Water District) ☐ 5. Solid Waste Funding Requested: 336,420.00
☐ 6. Stormwater

All of the above applications and support material can be found on the webpage for this project: <http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility>

CONSTRUCTION STATUS

Pre-construction:

Four bid were submitted for the Water Resource Recovery Facility Project on December 11, 2015, see Figure Four. On December 14, 2015 AECOM recommended Peterson Construction as the Lowest and Best Bid. On January 25, 2016 the Village Council of Ashville passed Resolution 02-2016 authorizing the Mayor or Village Administrator to enter into an agreement with Peterson Construction to build the new facility, see Figure Five. During the month of February financing for Part A was completed.

At the March 10, 2016 Pre-construction Meeting the following items were executed:

- Peterson Construction Agreement
- PSI Testing Agreement
- Notice to Proceed
- Notice of Commencement of Public Improvement

During the Pre-construction meeting a March 21, 2016 start date was communicated. A specific schedule will be generated the week of March 14, 2016. The timeline for “Substantial Completion” of project is 549 days with 610 days for “Final Completion”.

VILLAGE OF ASHVILLE, OHIO
WRRF IMPROVEMENTS 2015 PART A
BID TABULATION
DECEMBER 12, 2015

Figure Four

	Contractor				
	Engineer's Estimate	Adams Robinson Construction	Danis Industrial Construction Company	Kirk Brothers Construction, Inc.	Peterson Construction Company
Part A Plans - WRRF Facility Improvements	\$ 11,406,000	\$ 14,690,000	\$ 11,977,000	\$ 12,087,000	\$ 11,270,000
Allowances					
Sludge Drying Bed Demolition	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Utilities Allowance	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
Administration Building Furnishings Allowance	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Laboratory Equipment Allowance	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
SCADA System Computer Equipment Allowance	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
SCADA System Programming Allowance	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Materials Testing Allowance	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Base Bid	\$ 11,716,000	\$ 15,000,000	\$ 12,287,000	\$ 12,397,000	\$ 11,580,000
Alternate No. 1		\$ 50,000	\$ (64,500)	\$ 50,000	\$ (20,000)
Alternate No. 2		\$ 10,000	\$ (42,000)	\$ (30,000)	\$ (40,000)
Base Bid + Alternate No. 1		\$ 15,050,000	\$ 12,222,500	\$ 12,447,000	\$ 11,560,000
Base Bid + Alternate No. 2		\$ 15,010,000	\$ 12,245,000	\$ 12,367,000	\$ 11,540,000
Base Bid + Alternate No. 1 + Alternate No. 2		\$ 15,060,000	\$ 12,180,500	\$ 12,417,000	\$ 11,520,000

Figure Five



RESOLUTION 02-2016

OF THE VILLAGE OF ASHVILLE



A RESOLUTION AUTHORIZING THE MAYOR AND/OR VILLAGE ADMINISTRATOR TO ENTER INTO AN AGREEMENT WITH PETERSON CONSTRUCTION COMPANY FOR CONSTRUCTION OF PHASE A OF THE WATER RESOURCE RECOVERY FACILITY, AND TO EXECUTE CONTRACTS AS REQUIRED.

WHEREAS, the Village of Ashville, Ohio is planning to make improvements to areas of Ashville,

WHEREAS, the improvement herein above described is considered to be a priority need for the community,

NOW, AND THEREFORE BE IT RESOLVED BY THE COUNCIL, ASHVILLE, PICKAWAY COUNTY, STATE OF OHIO THAT:

SECTION ONE

The Mayor or Village Administrator is hereby authorized enter into an agreement with Peterson Construction Company as the lowest and best bid, Bid Sheet Exhibit A and AECOM Recommendation Letter Exhibit B.

SECTION TWO

The fund that will be used for the Water Resource Recovery Facility Project Phase A is Wastewater Improvement Utility Distribution Systems (Sewer Plant Expansion) 5702-543-560-5003. The cost will be limited to the Bid Amount of \$11,580,000, Exhibit C, and any approved change orders that cannot exceed the DEFA Agreement Amount of \$13,534,075.80, Exhibit D.

SECTION THREE

That is resolution shall take effect and be in force from and after the earliest period allowed by law.

Therefore, this resolution will take immediately upon its passage.

NOW, THEREFORE, be it resolved by the Village of Ashville Council

Offered by: Nelson R. Embrey

Seconded by: Randy S. Loveless

PASSED THIS 25th DAY OF JANUARY, 2016

ATTEST:


April D. Grube, Clerk-Fiscal Officer

DATE: 1/27/16

APPROVED:


Charles K. Wise, Mayor

DATE: 27 JAN 2016

Prepared: 01/21/2016
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the resolution adopted by the Village of Ashville Council held on 25th day of January 2016, and that I am duly authorized to execute this certificate.

(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)



Construction:

Construction did begin March 21, 2016. At that time the Village of Ashville began posting a “Construction Photo Gallery” to document the progress of the Water Resource Recovery Facility Project. Figure Six represents the pdf’s of that gallery slide show. You can assess through the project page:



or <http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility>

Dates of Construction Photos

Click on the image below to access the pdf of the PowerPoint presentation of Construction Photos

Figure Six

March 17 - 24, 2016



April 15 - 29, 2016



May 2 - 13, 2016



May 16 - 31, 2016



An exhibit of the construction schedule is enclosed. More information can be found on our website, see page 7-10.



WATER RESOURCE RECOVERY FACILITY WEBPAGE

This webpage can be accessed at www.ashvilleohio.gov. On the home page you click on the logo that was designed for this project, see image to the right. That page will inform the residents on the status of this project. By clicking on this icon you can find all the following items:



Water Resource Recovery Facility

This page is established to provide you information on this project.

Page updated March 10, 2015 >> Pre-construction Meeting Information

Page updated March 7, 2016 >> Pre-construction Information

Page updated February 12, 2016 >> DEFA Loan Executed

Page updated January 25, 2016 >> Preliminary Environmental Assessment and finding of no significant impact (FONSI), see below

Page updated October 7, 2015 >> OWDA , OhioEQP Quarterly Reports, and OWDA Financial Information Form

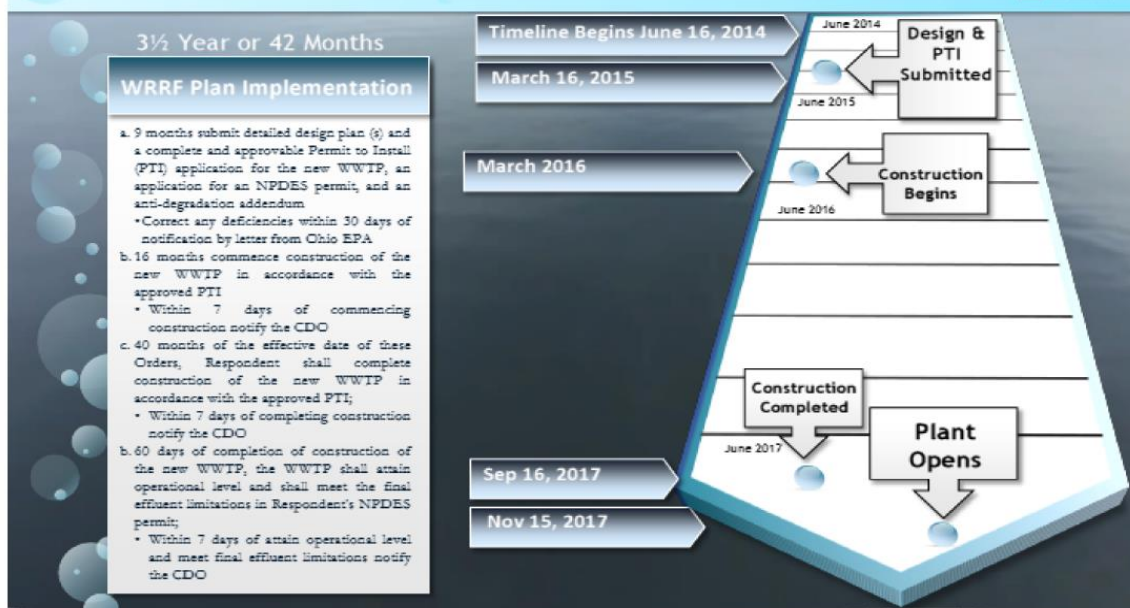
Page updated October 2, 2015 >> Ohio Public Works Commission Round 30 Application

Page updated September 2, 2015 >> WRRF Permit Limits from OhioEPA

Page updated August 5, 2015 >> WRRF Construction Agreement with URS/AECOM
























Ashville's Water Resource Recover Facility Project Planning Timeline 2015 - 17



A pdf version is available by clicking on above image.

Construction Process from Bidding to Construction for Part A

Legal Notice	
Pre-Bid Agenda	
Bid Sign-in Sheet	
Bid Documents	
AECOM Bid Comparison Letter	
Bid Presentation to Village Council	
Bid Submitted by Peterson Construction	
Resolution Authorizing Contract	
Insurance	
Notice of Award	
Construction Agreement	
Construction Testing Agreement	
Pre-Construction pdf of PowerPoint	

Pre-Construction Meeting Sign-in	
Pre-Construction Agenda	
Pre-Construction Minutes	
Pre-Construction Drawings	
Notice to Proceed	
Notice of Commencement of Public Improvement	
Schedule	
Contact List	

Public Notice Concerning Water Resource Recovery Facility Project's Environmental Assessment (EA) and finding of no significant impact (FONSI)

Environmental Assessment (EA): The Ohio EPA will make available for public review an Environmental Assessment of the Water Resource Recovery Project Preliminary EA and finding of no significant impact (FONSI). The public will have a 30-day period in which to review the environmental assessment and provide comments back to Ohio EPA to the staff environmental planner listed at the back of the document. The project consists of construction of a new wastewater facility located south of State Route 752. Upon its release, the document may be viewed at either: the village's website at www.ashvilleohio.gov/index.php/public-notices, Ohio EPA's website at (http://epa.ohio.gov/defa/public_comment.aspx), or in hard copy at the village administrative building or the local public library. If you would like to receive either an electronic copy via e-mail or a paper copy of the document via U.S. mail upon its release, please contact Rose McLean of Ohio EPA at either: Rose.McLean@epa.ohio.gov or



Preliminary EA and finding of no significant impact (FONSI)

Final EA and finding of no significant impact (FONSI)


















Property Purchased and Annexation	
Resolution to Purchase	March 14, 2014
North Property Documents	South Property Documents
Annexation Material	
Annexation Resolution 05-2015	Petition Ordinance 2015-06
Amending Petition Ordinance 2015-08	709.16 Petition to Pickaway County
Annexation Plat	General Annexation Information







The pdf below will include I & I and SEP. Resolution 07-2014 Authorization OhioEPA Director's Final "Findings & Orders" (DFFO)

[Resolution and "Findings and Orders document"](#)

AECOM Public Presentation	September 28, 2015
PowerPoint in pdf format	

Ohio EPA Director's Final Finding and Orders Quarterly Report			
Cover of Report	Water Resource Recovery Facility (WRRF)	Inflow & Infiltration (I & I)	Special Environmental Project (SEP)
4 th Quarter - 2014			
1 st Quarter 2015			
2 nd Quarter 2015			The SEP Report above represents the completion of the SEP requirement.
3 rd Quarter 2015			The SEP Report above represents the completion of the SEP requirement.
4 th Quarter 2015			The SEP Report above represents the completion of the SEP requirement.

2016 Division of Environmental & Financial Assistance (DEFA) 30 Year click on OhioEPA Logo to go there 	
	DEFA Water Pollution Control 30 Year Loan Agreement 
	DEFA Water Pollution Control 30 Year Loan Agreement Signature of Solicitor 
	DEFA Subordinated Revenue Bond 
1	Water Pollution Control 30 Year Loan Fund (WPCLF) Sewered Construction Application Submitted January 15, 2016 page 1-10 
2	Projection Schedule page 9 
3	Authorization Ordinance 
4	Letter Site Opinion to DEFA Federal Relocation Assistance & Real Property Acquisition Act of 1970 
5	Authorization Resolution 04-2015 
6	Rate Structure Legislation and Documentation 
7	OWDA Planning Loan and Loan Back-up 
8-a	AECOM/URS Contract 
8-b	AECOM/URS Contract Continued 
9	2013/14 Village of Ashville Audit 
9-a	2011/12 Village of Ashville Audit 
9-b	2009/10 Village of Ashville Audit 
9-2	2007/08 Village of Ashville Audit 

Ohio Public Works Commission (OPWC) Application Round 30 Loan/Grant		General Exhibits
Application Received		
Loan/Grant Application for Part B 	Part B Engineer's Opinion on Cost 	Part B Fiscal Officer Revised 7 
Ohio WPCLF Nomination Form 2016 	Part B Affordability Calculation 	
Loan/Grant Application	Loan/Grant Narrative	District 17 Checklist
Loan Assistance Credit Enhancement Application 	Credit Enhancement Narrative	District 17 Checklist
Application Exhibit 1	Narrative Attachment Census 1	Low & Moderate Income (LMI)
Application Exhibit 2	Narrative Attachment CIR5Y 2 Narrative Attachment CIR5Y 2	FEMA - RIRM Pickaway County/Ashville
Application Exhibit 3	Narrative Attachment Findings & Orders 3	Letter to District 17 Susan Spiker
	Narrative Attachment URS/AECOM 4	Village of Ashville Resolution 13-2015
Cover - The Table of Content	Narrative Attachment Rates 5	
Letter to District 17 Susan Spiker	Narrative Attachment Facility Plan 6	
Letter to District 17 Susan Spiker	Narrative Attachment Fiscal Officer 7	
	Narrative Attachment Median Income 8	
	Narrative Attachment County Census 9	
	Narrative Attachment OPWC Projects 10	
	Narrative Attachment Inter. CEDA, JEDD 11	
	Narrative Attachment Land Use Plan 12	
	Narrative Attachment DEFA 13	

2016 VILLAGE OF ASHVILLE 2ND QUARTERLY F & O REPORT



Infiltration and Inflow (I & I) Reduction Plan

The second section of this quarterly report will deal with the status of I & I. The first heading will discuss the work being done on the I & I Reduction Plan Procedure Manual and the I & I Tool Box. The second heading will deal with the funding for an I & I Program.

INFILTRATION AND INFLOW (I & I) PLAN IMPLEMENTATION

In the last three quarterly reports there was a focus on the I & I Reduction Plan which included an I & I Tool Box. That plan included monitoring “Metersheds” from that metering the Village has decided to contract with Hunt Engineering to LLC to do the following for Beaver Alley:

Scope of Services

1. Develop cost analysis of feasible alternatives for inflow and infiltration mitigation in the Village of Ashville gravity wastewater collection system of the sewerage serving the east side of East Street and the west side of Walnut Street from the northern terminal end at Station Street to the southern extent of the south flow direction to Church Street. Alternatives will be developed by evaluation of existing conditions from data and information collected by the Village.
2. Design and prepare professional engineering drawings of the proposed mitigative strategy for the inflow and infiltration repairs/replacement of the Village of Ashville collection system in the above referenced section of the system. Survey data for design plans will be based on original contract drawings of the system unless they cannot be located. If a professional survey of the alignment is required due to the lack of existing plans, an additional fee will be required as specified below.
3. Draft contractor specifications for use in bid documents for public bidding of repair/replacement project.
4. Coordinate with Ohio EPA regarding the mitigative measures chosen and complete any required Permit-to-Install or Plan Review application for Ohio EPA approval for this project as necessary.



The intent with the Scope of Service of Hunt Engineering would be to completely evaluate the connections to the storm and sanitary lines in Beaver Alley. This includes mains and laterals. The main will be completely rehabilitated. At the same time any problem outside the main that is identified will be corrected. Mr. Hunt has begun survey and evaluation of the Beaver Alley storm and sanitary lines. We expect a recommendation from him by the next quarterly report.


While the Beaver Alley Project is designed and completed another line for rehabilitation will be identified to move forward within the I & I Reduction Plan Manual and Toole Box.

FINANCING STATUS

There are two internal funding sources for I & I. First the Village has created in their Appropriation Budget an I & I Fund Account 34¢ for every 1000 gallons of water used will go exclusively to I & I Reduction. The effect of this can be seen in the Revenue and Appropriation Status Report through the end of 2014 the I & I account generated \$32,287.10 in revenue, Attachment 6. The second source of funding will be an existing Stormwater Fund. That fund collected \$84,267.73, Attachment 7. In 2015 the two funding sources will be used to establish a \$50,000 per year appropriation budget for I & I. Some of this will be directly used. Another portion will be used as seed money for Grants and Loans. You will also find that a portion of the Stormwater Appropriation Budget is now being used for dedicated staff. The objective is have a focus on Stormwater and its impact on I & I, Attachment 7.

The Quality Monitor “Dashboard” is still being developed in Excel to quantify this process. This Dashboard will be used to measure how much is spent in relationship to how affective the I & I intervention has been.

I & I REDUCTION WEBPAGE

Since that Plan and Tool Box is already submitted this quarterly report will not repeat that entire plan. The entire Plan and Tool Box can be accessed at www.ashvilleohio.gov. On the home page you click on the logo that was designed for the Plan, see above. That page will inform the residents the status of the project. As the Beaver Alley Project moves forward it will be added as a Project Webpage. All the items above can be found on this webpage by clicking on the following icon .