

# 2016 VILLAGE OF ASHVILLE $4^{\text{TH}}$ 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





Franklin Christman, Village Administrator October 2016



# 2016 VILLAGE OF ASHVILLE 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 Figure Five.

PLANNING, DESIGN, PERMIT, AND BID, STATUS

The Planning, Design, and Permitting phase has been completed.

#### FINANCING STATUS

The majority of the funding for Part A and B is being manage through the Ohio Water Development Authority (OWDA). The \$13,871,722.75 loan for Part A is the Ohio Water Pollution Control Loan Fund (WPCLF) which was acquired with the help of the Division of Environmental & Financial Assistance (DEFA). This loan has interest terms of 0.48%. Land has been acquired and annexed into the Village of Ashville. Construction for Part A of the Water Resource Recovery Facility is underway.

Part B has funding from OPWC for \$500,000.00. The \$989,605.15 balance for Part B is from the Ohio Water Pollution Control Loan Fund (WPCLF) which was acquired through the Division of Environmental & Financial Assistance (DEFA).

- 1. For Part A the facility a thirty year loan with the Ohio Water Pollution Control Loan Fund (WPCLF) through DEFA was approved for \$13,871,722.75 See Figure 1.
- 2. For Part B Round 30 funding request to Ohio Public Works Commission (OPWC) was approved for \$500,000.00 at zero percent interest Loan/Grant CQ39T with a Request to Proceed approved, see Figure 2.
- 3. For Part B the balance is being requested from Ohio Water Pollution Control Loan Fund (WPCLF), See Figure 3.

3/10/2016

Ohio Water Development Authority

Figure One



#### Ashville

 Loan
 Reports
 Other Reports

 Description:
 New Water Resource Recovery Facility NRD
 Loan Summary
 All Transactions

 Purpose:
 Sewer
 Loan Transactions (Detail)
 Sever

 Account Number:
 7256
 Disbursement Detail
 Forms

 EPA ID:
 CS390122-0010
 Audit Confirmation

#### **Loan Information**

Funding Account Na	ıme						Interest Rate	Amount Financed + Interest	Loan Balance Outstanding
Water Pollution Contro	Loan Fund						0.48%	\$13,871,722.75	\$0.00
Application Loan Status Statu	Disbursement s 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**

Contracto ID	r Contractor Name	Encumbere Amoun		
Α	Peterson Construction Co.	\$11,580,000.0	\$0.00	\$11,580,000.00
co	Contingencies	\$644,480.0	\$0.00	\$644,480.00
PL	Planning Loan	\$957,646.7	\$0.00	\$957,646.75
TS	Technical Services	\$642,692.0	\$0.00	\$642,692.00
TS1	Administration	\$46,904.0	\$0.00	\$46,904.00
		Total: \$13,871,722.7	\$0.00	\$13,871,722.75

# Figure Two

APPENDIX E -  Statement requesting the disbursement of executed between the Director of the Oh Pickaway County (the "Recipient"), date defined and described in Appendix A of th Improve, CQ39T (LOAN).	funds from the OPW io Public Works Com d July 1, 2016, for the	C pursuant to Section Vi mission (the "Director") e sole and express purpos	CERTIFICATION  MENT REQUEST N  of the Project Agree and The Village of e of financing the capi	ment (the "Agreement Ashville, (129-02680 tal improvement proje	6 Email: fohristman@ashvilleohio.gov Phone: (740) 207-1842
EXPENDITURES PROGRESS:  A) Project Engineering Costs	(1) AS PER <u>AGREEMENT</u>	(2) PAID PRIOR TO THIS DRAW	(3) AS PART OF THIS DRAW	(4) PAID TO DATE (Column 2 + 3)	2. Water Buysp Project - Alleshmant Checklids  OEPA Plan Approval Letter  5. Regular To Chappe (Include Michandes)  Propel Schedule  Local Ordinan
1) Preliminary Engineering     2) Final Design     3) Construction Administration     B) Right-of-Way     C) Construction Costs     D) Materials Purchased Directly     E) Permits, Advertising, Legal     F) Construction Contingencies	\$0 \$0 \$0 \$0 \$1,553,691 \$0 \$0 \$1,553,691	\$	\$	\$	A Vandar Dicasjandon  Name: Fields Excentring, Ric.  Name: Fields Excentring, Ric.  Name: Fields Excentring, Ric.  Name: Field Field Tax (C. 23.1951322  Cong. Vide Hill  Table: OH 7p 4666  Consuct Address 107 Peer 191  Cong. Vide Hill  Think: OH 7p 4666  Consuct Address 107 Peer 191  Cong. Vide Hill  Think: OH 7p 4666  Cong. Vide Hill  Cong. V
	01,000,071	<u>-</u>			For OPWC Use Only
FINANCING PROGRESS:	(1) AS PER <u>AGREEMENT</u>	(2) USED PRIOR TO THIS DRAW	(3) AS PART OF THIS DRAW	(4) USED TO DATE (Column 2 + 3)	Notice to Prisceed Request for Change Notes:  Approved Approved Disapproved Di
H) OPWC Funds	\$500,000	\$	S	\$	Furn GP9/00903 Rev. 8.12
Local Share     I) In-kind Contributions     Public Revenues     Private Revenues	\$0 \$0 \$0	\$ \$	\$ \$	\$ \$ \$	OHIO PUBLIC WORKS COMMISSION P
J) Other Public Revenues 1) ODOT/FHWA 2) OEPA 3) OWDA 4) CDBG 5) Other	\$0 \$1,053,691 \$0 \$0 \$0 nues \$1,053,691 \$1,553,691	\$ \$ \$ \$ \$ \$ \$	\$\$ \$\$ \$\$ \$\$	\$	Order to separate to 10 feet for stand retroit the Proceed the Security to Sequent the Proceed the Security of Sec
INOTE: Colum	n totals for Line L mu	st be equal to the column	totals for Line G.1		

Figure Three



# Ohio Environmental Protection Agency Division of Environmental & Financial Assistance

50 West Town Street, Suite 700, Columbus, Ohio 43215
Ph: (614) 644-2798 Fx: (614) 644-3687
www.epa.ohio.gov/defa

ollution Con	trol Loan Fund (WPCLF) S	EWERED (	CONSTRUCTION	ON APPLICATION		
	Community In	formation				
Village of Ashville, Ohio Sanitary Sewer Improvements 2016 (Part B)						
ty (Village, City or County Village of Ashville (Pickaway County)						
200 Station Street East						
Ashville , Ohio				43103		
resentative Franklin Christman			Title	Village Administrator		
740-983-7132			Fax	740-983-7132		
	<u>fchristma</u>	an@ashville	ohio.gov			
UNS) # 41858922						
of Firm			AECOM			
		Matthew N	loelker, P.E.			
ontact Mar 614-600-5980			Fax	Fax 614-464-0588		
matthew.noelker@aecom.com						
	Project 1	уре				
×	Loan Terms: (max. of 20	30				
	• • •		Awara Bate	12/0/2010		
e provide a n	arrative describing the proje	ect. Attach	additional page	es if necessary.		
ige's existing stewater treat	wastewater treatment plant ment plant to the new WRR	outfall. The F. Also inc	e forcemain wi luded are 18-ii	l be constructed from a pump station nch and 24-inch gravity influent		
	Project Fin	ancing				
WPCLF Loan Amount				\$989,605.15		
Local Share						
Ohio Water Development Authority						
Ohio Public Works Commission				\$500,000.00		
Community Development Block Grant						
USEPA State and Tribal Assistance Grant						
Appalachian Regional Commission (A						
				\$1,489,605.15		
	As a provide a nation, and all a continuous authority assion.	Community In  Village of Ashville, Ohio Saniaty  Village 200 S  Ashville  Franklin Christman 740-983-7132  fchristma  614-600-5980  matthew.  Project T  Loan Terms: (max. of 20 yrs)  Project Description and all associated improvements as stewater treatment plant to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation, and all associated improvements as subject to the new WRR ation.	Community Information  Village of Ashville, Ohio Sanitary Sewer Ashville  200 Station Stree  Ashville  Ash	Village of Ashville, Ohio Sanitary Sewer Improvements  Village of Ashville (Pickaway Co 200 Station Street East  Ashville , Ohio Zip Franklin Christman Title 740-983-7132 Fax  fchristman@ashvilleohio.gov 41858922 Fof Firm AECOM Matthew Noelker, P.E. 614-600-5980 Fax  matthew.noelker@aecom.com Project Type  Loan Terms: (max. of 20 X yrs) 30 Expected Loa Award Date Project Description  Fe provide a narrative describing the project. Attach additional page of the project in the project		

Page 1

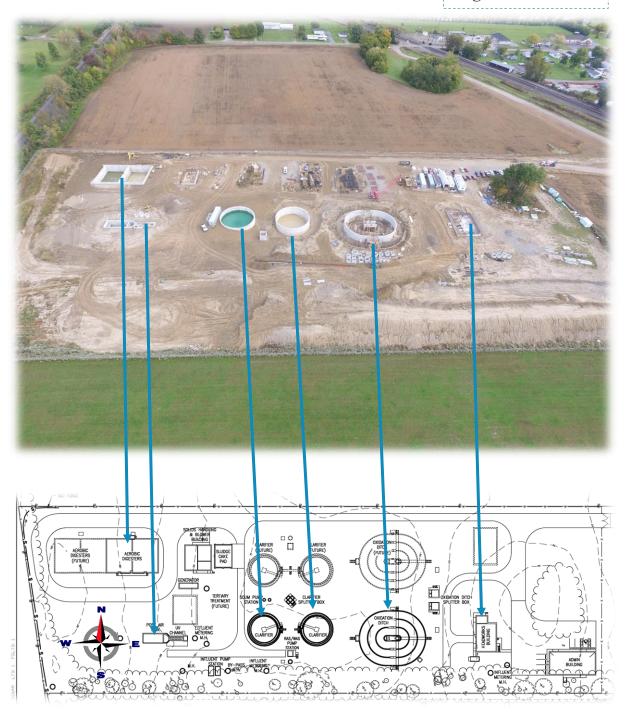
All of the above applications and support material can be found on the webpage for this project: <a href="http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility">http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility</a>

# CONSTRUCTION STATUS

### Part A Construction:

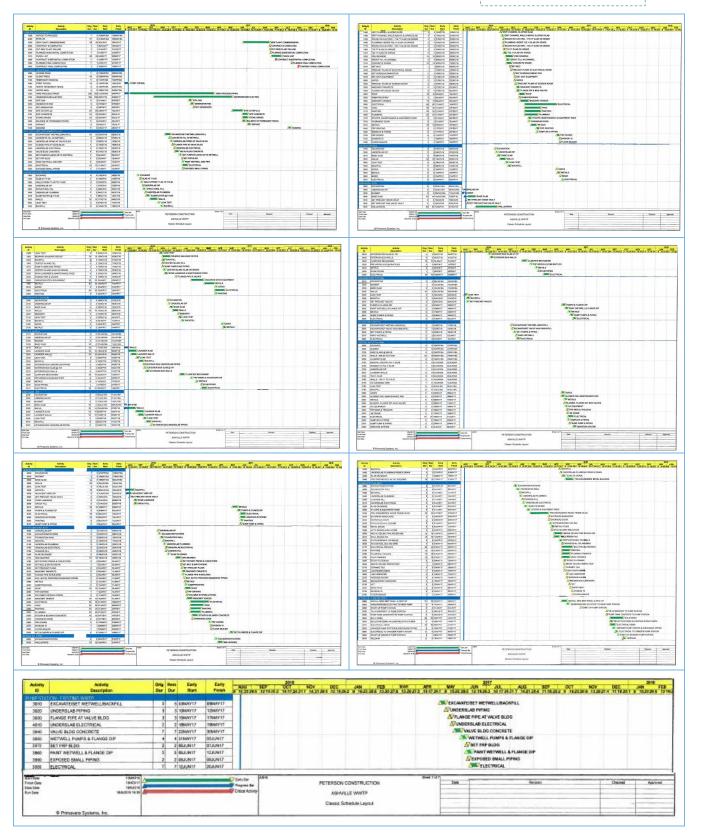
Peterson Construction started construction on March 21, 2016. Progress has been made on the site, see Figure Four.

Figure Four



Peterson Construction started construction on March 21, 2016. During the Monthly Construction Meeting progress is reviewed and reflected in the Peterson Schedule, see Figure Five.

Figure Five



#### Part B Construction:

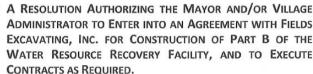
Fields Excavating, Inc. has been selected by the Village of Ashville as the "Lowest and Best Bid", see Figure Six

Figure Six



# **RESOLUTION 15-2016**

#### OF THE VILLAGE OF ASHVILLE



**W**HEREAS, 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 Fields Excavating, Inc. 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 Part B is Wastewater Improvement Utility Distribution Systems (Sewer Plant Expansion) 5702-543-560-5003. The cost will be limited to the Bid Amount of \$1,489,605.15 Exhibit C, and any approved change orders that cannot exceed the OWPC and DEFA Agreement Amount of \$13,534,075.80 which includes Part A and \$500,000 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 24" DAY OF OCTOBER, 2016	
ATTEST:	
(10) (5), (00	10/25/110
- Committee	DATE: O DO DO
April D. Grube, Clerk-Eiscal Officer	
APPROVED:	
XV/17-0/X ) <	/1/
Madely V To	DATE: 2500116
Charles K. Wise, Mayor	
,,	

Prepared:	10/06/2016
Revised Date:	
Review Date:	

1 of 1 | Page

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 24<sup>th</sup> day of October 2016, and that I am duly authorized to execute this certificate.

CERTIFICATE OF RECORDING OFFICER

Clerk-Fiscal Officer

(Original signature of April D. Grube)

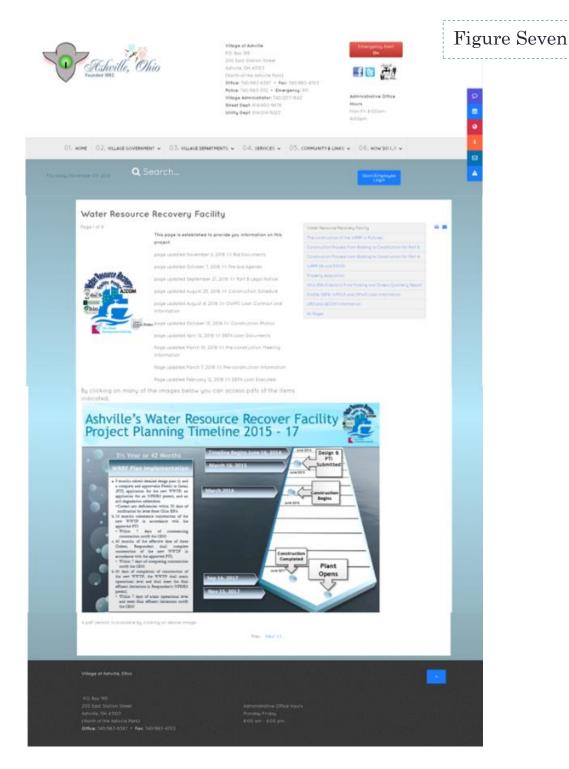
(TITLE)

### WATER RESOURCE RECOVERY FACILITY WEBPAGE

This webpage can be accessed at <a href="www.ashvilleohio.gov">www.ashvilleohio.gov</a>. 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. Figure Seven represents the WRRF Project Home Webpage You can assess through the



indicated logo or http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility



We have revised the Project Webpage to make it easier to navigate. On the top right corner we have added "page-breaks", see Figure Eight. The objective of transparency resulted in so much material on one page. Therefore that page has been divided it into categories. These categories will make it easier to find information.

Figure Eight

Water Resource Recovery Facility

The construction of the WRRF in Pictures

Construction Process from Bidding to Construction for Part B

Construction Process from Bidding to Construction for Part A

WRRF EA and FONSI

Property Acquisition

Ohio EPA Director's Final Finding and Orders Quarterly Report

OWDA, DEFA, WPCLF, and OPWC Loan Information

**URS and AECOM Information** 

**All Pages** 

# 2016 VILLAGE OF ASHVILLE 4<sup>TH</sup> 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 mitigation 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 mitigation 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 Manuel 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 Status Report through October 2016, see Figure Nine. The I & I account generated \$102,161.25 in revenue, The second source of funding will be an existing Stormwater Fund and through October 2016 that fund collected \$70,767.40, see Figure Nine. 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.

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 <a href="https://www.ashvilleohio.gov">www.ashvilleohio.gov</a>. 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.



At this stage a great deal of department focus is on the completion of the WRRF. Once completed and operations become routine, the Wastewater and Surface Water Departments can have an expanded emphasis on I & I.