

2017 VILLAGE OF ASHVILLE 1st 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 March 2017



2017 VILLAGE OF ASHVILLE 1ST 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).

- 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.
- For Part B the balance is being requested from Ohio Water Pollution Control Loan Fund (WPCLF) was approved for \$1,064,085, See Figure 3.

4/25/2017



Ashville

	Loan	Reports	Other Reports
Description	New Water Resource Recovery Facility NRD	Loan Summary	All Transactions
Purpose)	Dewer	Loan Transactions(Detail)	
Account Number:	7200	Disbursement Detail	Parme
	C8390122-0010	Audit.Confirmation	

Loan Information

F) Construction Contingencies

FINANCING PROGRESS:

G) Totals

H) OPWC Funds

2) Public Revenues

3) Private Revenues

J) Other Public Revenues 1) ODOT/FHWA 2) OEPA

K) Total Local and Other Public Revenues

L) Totals (H+K for each column)

I) Local Share 1) In-kind Contributions

3) OWDA

4) CDBG

5) Other

Funding Account Name	Interest Rate	Amount Financed + Interest	Loan Balance Outstanding
Water Polution Control Loss Pay-Off Application Liser Disburgement Amontization Payment Payment Method Status Status Status Status Tarm Oats Date	0.48%	\$13.671,722.75	\$0.00
Approved NOT Complete 30 07/01/2018 01/01/2048 Instalment	Tutal		

Loan Contractor Information

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A	Peterauri, Constraidion Co.	\$11,580,000.00	\$0.00	\$11,680,000.00
00	Continuencies	8644,480.00	\$0.00	\$644,480.00
ans	Pleaning Loop	\$967.646.76	\$0.00	\$957,645.75
TO	Technical Berylum	\$642,892.00	80.00	\$642,892.00
T81	Administration	\$46,804.00	\$0.00	\$46,004.00
		Total: \$13,071,722.78	\$0.00	\$13,071,722.75

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Figure Two

DISBURSEMENT REQUEST NUMBER: Statement injuesting the disbustement of funds from the OPWC pursuant to Section VI of the Project Agreement (the "Agreement executed between the Director of the Ohio Public Works Commission (the "Director") and The Village of Ashville, (129-02850 Pickaway County (the "Recipient"), dated July 1, 2016, for the sole and express purpose of financing the capital improvement proje defined and described in Appendix A of the Agreement (the "Project") and named and numbered an Water Resource Recovery Facility Improve, CQ39T (LOAN). EXPENDITURES PROGRESS: (1) AS PER (2) PAID PRIOR (3) AS PART OF (4) PAID TO DATE AGREEMENT TO THIS DRAW THIS DRAW (Column 2+3) A) Project Engineering Costs 1) Preliminary Engineering 50 2) Final Design 50 3) Construction Administration B) Right-of-Way \$0 50 C) Construction Costs \$1,553,691 D) Materials Purchased Directly E) Permits, Advertising, Legal 50

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AGREEMENT

OHIO PUBLIC WORKS COMMISSION

APPENDIX E - DISBURSEMENT REQUEST FORM AND CERTIFICATION

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Figure Three



Ohio Environmental Protection Agency Division of Environmental & Financial Assistance 50 Weat Town Street, Suite 700, Columbus, Ohio 43215 Ph: (614) 644-2798 Fix: (614) 644-3687 www.obs.ohio.gov/defa

Water Poll	ution Co	ntrol Loan Fund (WPCLF)	SEWERED	CONSTRUCTION	APPLICATION	
		Community Ir	formation	•		
Project Name		Village of Ashville, Ohio Sar	itary Sewe	er Improvements 20	16 (Part B)	
Entity (Village, City or County		Villag	e of Ashvil	le (Pickaway Count	y)	
Address		200 8	itation Stre	treet East		
City		Ashville	, Ohio	Zip	43103	
Authorized Representative		Franklin Christman		Title	Village Administrator	
Telephone		740-983-7132		Fax	740-983-7132	
Email	fchristman@ashvilleohio.gov					
Community (DUNS) #			-41	858922		
Consultant Engineer Name of	f Firm	1		AECOM		
Engineering Contact		Matthew Noelker, P.E.				
Telephone		614-600-5980		Fax	614-464-0588	
Email	matthew.noelker@aecom.com					
		Project	Туре			
Construction Project X		Loan Terms: (max. of 20 yrs)	30	Expected Loan Award Date:	12/8/2016	
		Project Des	cription			
Phanse	provide a	narrative describing the proj	act. Attaci	h additional pages i	necessary.	

The project consists of a 24-inch gravity outfall sewer and a 10-inch forcemain. The outfall sewer will be constructed from the site of a new WRRF to the Village's existing westewater treatment plant outfall. The forcemain will be constructed from a pump station at the Village's existing wastewater treatment plant to the new WRRF. Also included are 18-inch and 24-inch gravity influent sewers, storm sewer relocation, and all associated improvements as shown on the plans and specified in the bid documents.

P	roject Financing	
WPCLF Loan Amount		\$989,605.15
Local Share		
Ohio Water Development Authority	(OWDA)	
Ohio Public Works Commission	(OPWC)	\$500,000.00
Community Development Block Grant	(CDBG)	
USEPA State and Tribal Assistance Grant	(STAG)	
Appalachian Regional Commission	(ARC)	
Other (Specify)	200 200-000 C	
Other (Specify)		
Total Project Cost		\$1,489,605.15
		Page 1

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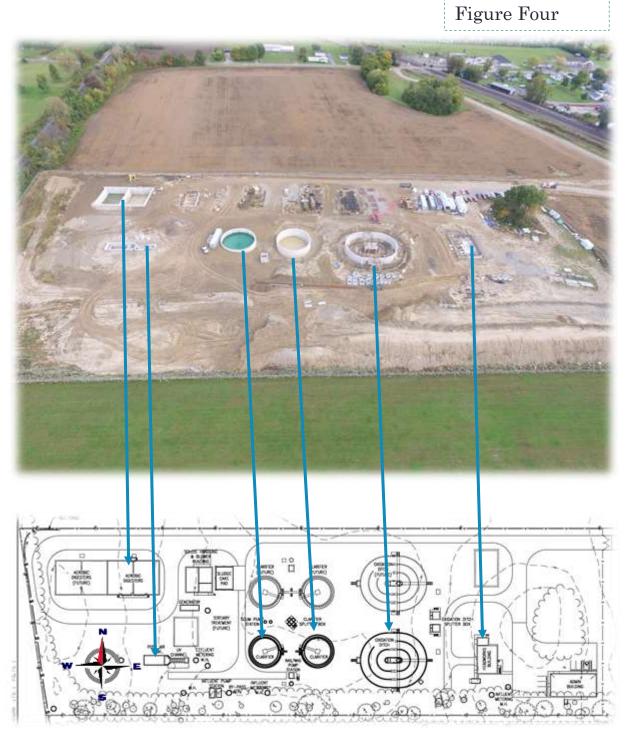
Ohio Water Development Authority

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-recoveryfacility

CONSTRUCTION STATUS

Part A Construction:

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

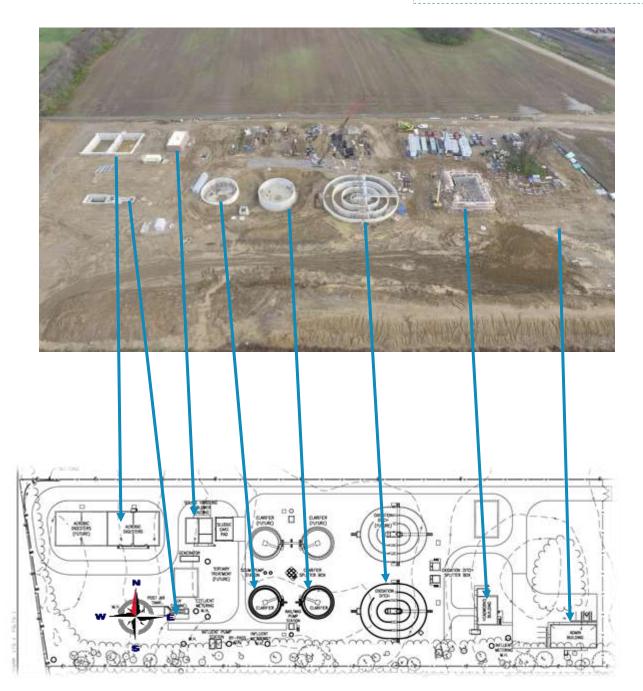


CONSTRUCTION STATUS

Part A Construction:

Peterson Construction continued construction. The aerial below was taken on April 5, 2017. Progress continues to be made. Much of the work completed is not visible from the aerial photo.

Figure Four Continued



4/25/2017

Figure Four Continued

The six (6) pdf's below of a PowerPoint Presentation on Part A to Village Council can be found on the project webpage: <u>http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility</u>. An additional 90 slides can be view documenting the construction progress through the end of March 2017.



4/25/2017 Peterson Construction started construction on March 21, 2016. During the Monthly Construction Meeting progress is reviewed and reflected in the updated Peterson Schedule, see Figure Five. Figure Five



The above schedule was an update presented by Peterson Construction at the April 13, 2017 monthly construction meeting.

Part B Construction:

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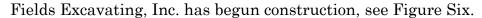




Figure Seven Continued 4/25/2017

The six (6) pdf's below of a PowerPoint Presentation on Part B to Village Council can be found on the project webpage: <u>http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility</u>. An additional 65 slides can be view documenting the construction progress through the end of March 2017.



WATER RESOURCE RECOVERY FACILITY WEBPAGE

This webpage can be accessed at <u>www.ashvilleohio.gov</u>. 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 Eight represents the WRRF Project Home Webpage You can assess through the indicated logo or http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility



Figure Eight Ashville's Water Resource Recover Facility Project Planning Timeline 2015 - 17 Design & 31/2 Year or 42 Months PTI Submitted June 2015 s. 9 months submit detailed design plan (8) and a complete and approvable Permit to Install (PTI) application for the new WWTP, an Part A application for an NPDES ptemit, and an anti-dégradation addendum onstruction · Contest any deficiencies within 30 days of Begins Lose 2016 notification by lentr from Ohio EPA 16 months commence construction of the new WWIP in accordance with the approved PTI Part B Within 7 days of comman construction notify the CDO Construction 0 months of the effective date of these Begins January 2017 Orders, Respondent shall complete construction of the new WWIP in Construction accordance with the approved PTI; Completed Within 7 days of completing consu Plant adeifr the CDO 60 days of completion of construction of Opens the new WWIP, the WWIP shall attain operational level and shall more the final

effluter limitations in Respondent's NPDES ptentin; • Within 7 days of attain operational level and mett final effluter limitations notify the CDO We have revised the Project Webpage to make it easier to navigate. On the top right corner we have added "page-breaks", see Figure Nine. 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.

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	licking on many of the images below you can access pdfs of the is indicated.	All Pages

2017 VILLAGE OF ASHVILLE 1st 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 <u>www.ashvilleohio.gov</u>. 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.

