



2018 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 - Completed
- Create an Infiltration and Inflow (I & I) Plan
- Special Environmental Projects (SEP) - Completed



Section One



WRRF-Completed

Section Two



I & I

Section Three



SEP-Completed

Franklin Christman, Village Administrator

July 2018





In 2010, the Village of Ashville began the journey to replace the existing sanitary plant by selecting URS now AECOM as the Engineering Firm to evaluate and provide the Village Council and Mayor data about our existing facility and provide recommendations on how to proceed.



We look at upgrading, replacing, connecting to an existing facility, or moving to a new location. After extensive research a new location was selected and found. In 2014, the village was placed under the OhioEPA Director's Final Findings and Orders. Three (3) projects were in the Orders:

- Construction of a new Facility
- Infiltration and Inflow (I & I)
- Special Environmental Projects (SEP)



At the end of 2014 the Village of Ashville completed the SEP requirements. We obtained funding from OWDA, OPWC, and DEFA for the construction of the Water Resource Recovery Facility (WRRF). Land was found, purchased, and construction commenced. During the final part of October 2017 the operation of the facility began. By the reporting in this document 100% of the Village of Ashville sanitary waste is going to the WRRF. The next Quarterly Report will specify the fine tuning of the operation of the new facility.

With the completion of the WRRF the Utility Department can concentrate on the I & I Plan. While the WRRF is designed to expand, the work done on I & I will put that expansion further into the future. Therefore, I & I will be a continuous improvement process to enhance collection and to save dollars. Future Quarterly Reports will focus on the I & I Plan.

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Construction of new Water Resource Recovery Facility (WRRF)

The Water Resource Recovery Facility (WRRF) was substantially completed in October 2017.

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 managed 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).

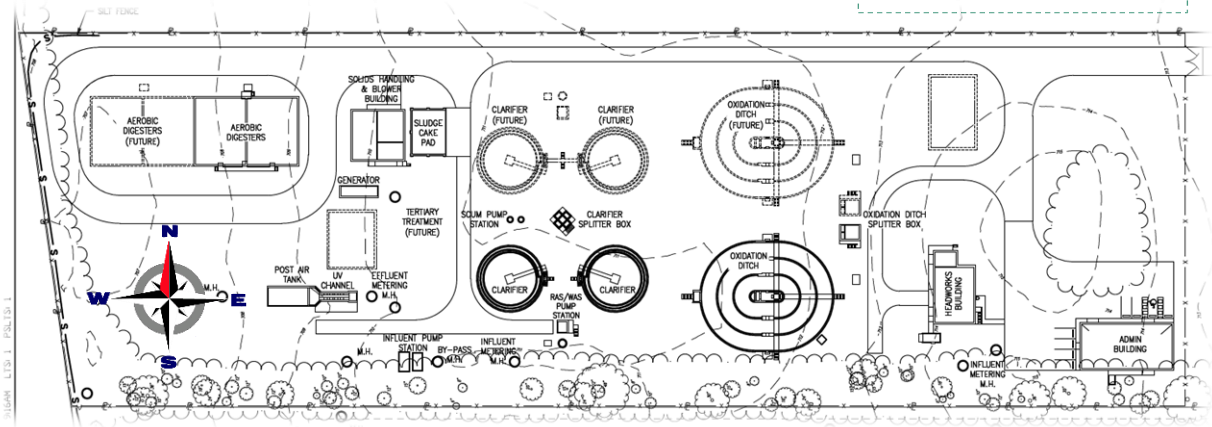
1. For Part A the facility a thirty year loan with the Ohio Water Pollution Control Loan Fund (WPCLF) through DEFA was approved for \$13,871,722.75.
2. For Part B Round 30 funding request to Ohio Public Works Commission (OPWC) was approved for \$500,000.00 at zero percent interest Loan/Grant CQ39T with a Request to Proceed approved.
3. For Part B the balance is being requested from Ohio Water Pollution Control Loan Fund (WPCLF) was approved for \$1,064,085.

CONSTRUCTION STATUS - COMPLETED

Part A Construction:

Peterson Construction started construction on March 21, 2016 and substantially completed October 2017, see Figure One.

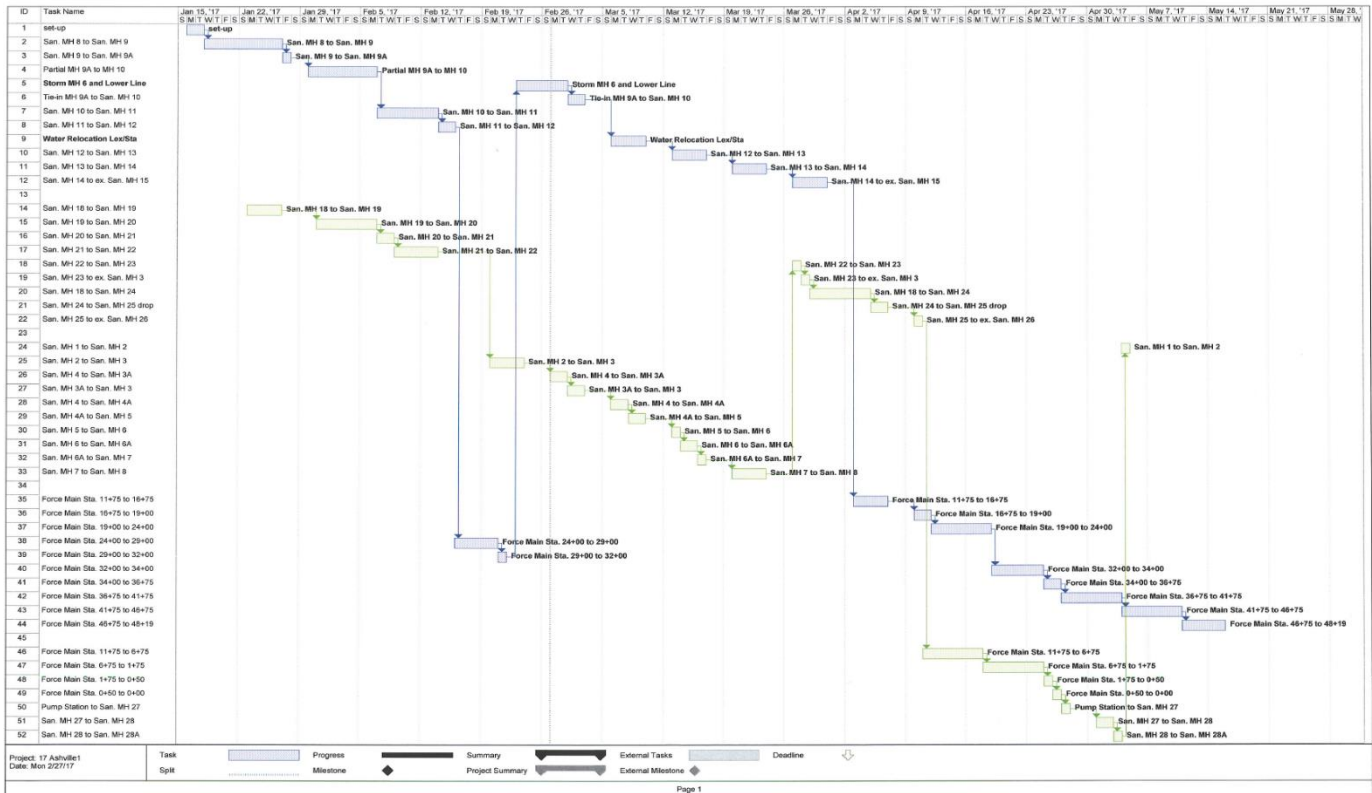
Figure One



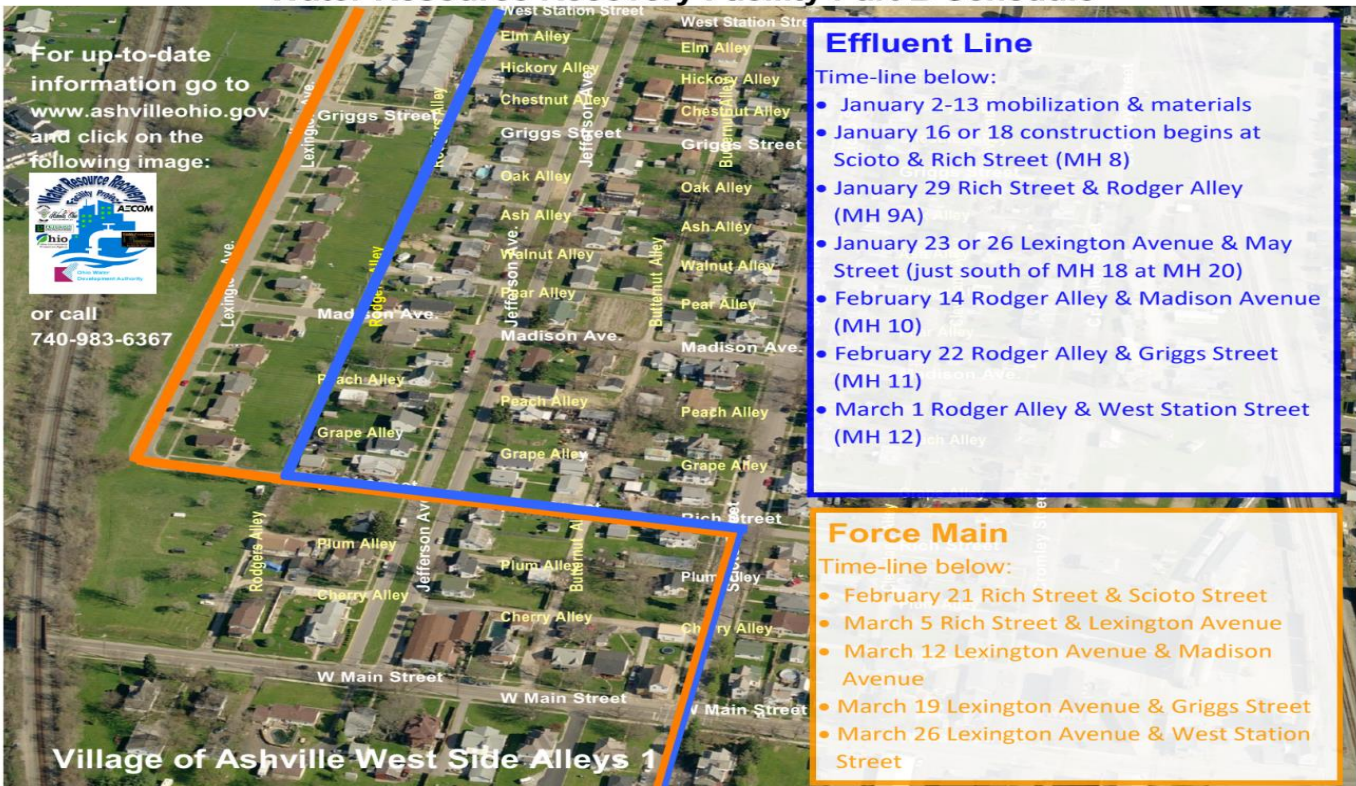
Part B Construction:

Fields Excavating, Inc. has completed construction, see Figure Two.

Figure Two



Water Resource Recovery Facility Part B Schedule



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. Figure Three 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 Three

Water Resource Recovery Facility

Page 1 of 11

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

page updated April 24, 2017 >> photos on Part A & B progress

page updated April 14, 2017 >> Part A Schedule

page updated February 17, 2017 >> Part B

page updated February 17, 2017 >> Timeline

page updated November 16, 2016 >> Loan Documents

page updated November 2, 2016 >> Bid Documents

page updated October 7, 2016 >> Pre-bid Agenda

page updated August 25, 2016 >> Construction Schedule

page updated August 4, 2016 >> OWPC Loan Contract and Information

page updated October 10, 2016 >> Construction Photos

page updated April 12, 2016 >> DEFA Loan Documents

By clicking on many of the images below you can access pdfs of the items indicated.

Water Resource Recovery Facility

The construction of the WRRF in Pictures

Construction Photos for Part A

Construction Process from Bidding to Construction for Part B

Part B in Photos

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

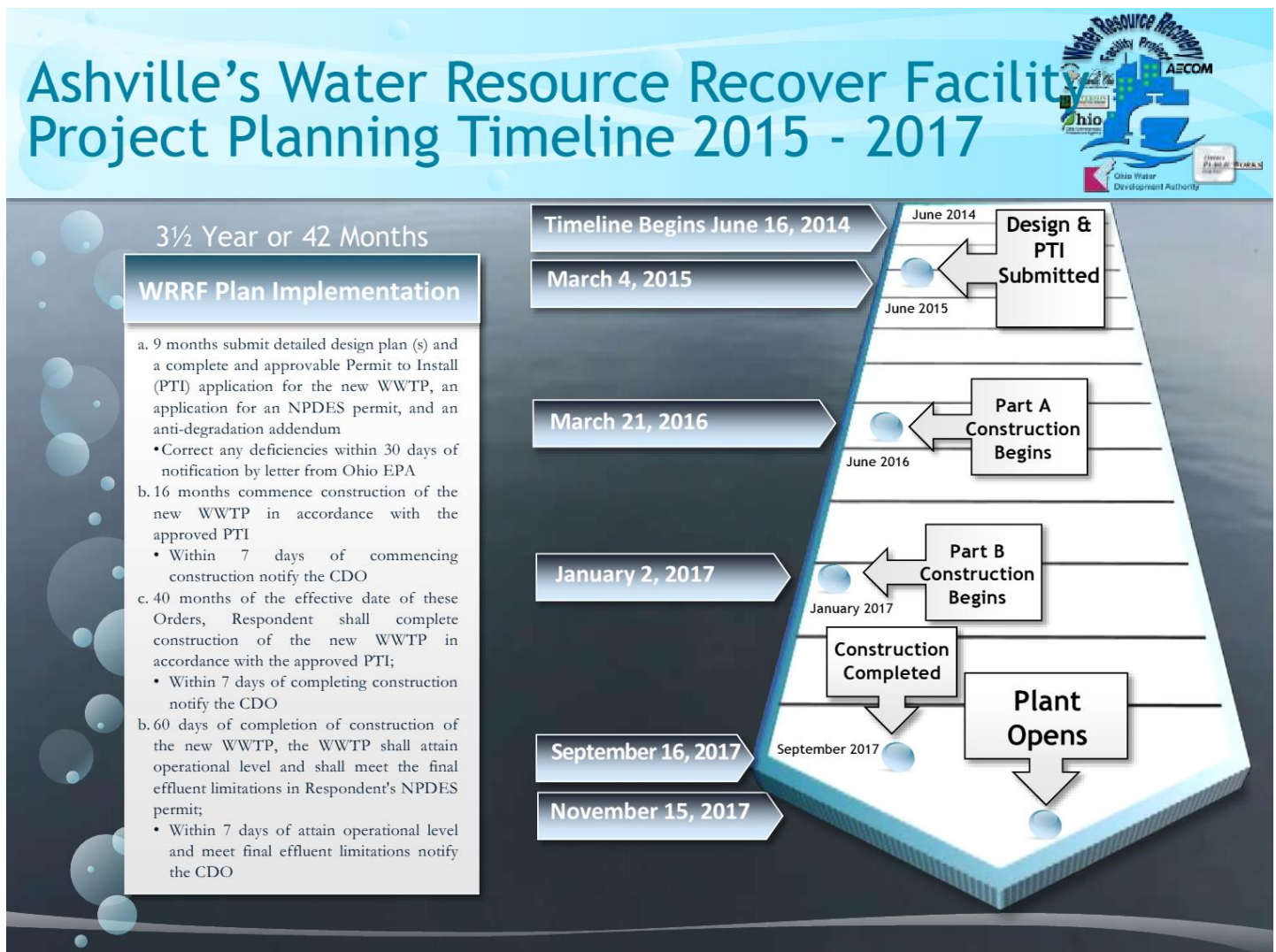
OWDA, DEFA, WPCLF, and OPWC Loan Information

URS and AECOM Information

All Pages

We have revised the Project Webpage to make it easier to navigate. On the top right corner we have added “page-breaks”, see Figure Three. 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. Even though the project has been completed the project page will remain up. Figure Four represent the “Timeline” for the WRRF. We are pleased to report successfully completing construction on time.

Figure Four



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Infiltration and Inflow (I & I) Reduction Plan

In the future the Quarterly Reports will be reporting on 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”. There are two Alleys the village is focused Griffith Alley and 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. If needed 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 sections 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 Village of Ashville has transitioned Tom Bouts from assisting with the development of the Water Resource Recovery Facility to taking the lead on the I & I Reduction Plan. In addition to working with Hunt Engineering we have been using the services of Christopher Tebbe, P.E., Pomeroy and Associates.

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.



Another Alley that the Utility Department has begun working on I & I involves Griffith Alley, see above Map. It has been videoed and a plan to remove identified areas of I & I are being formulated and implemented. Exact actions will be included in future Quarterly Reports.

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 I & I account has a balance of \$106,067.99 with about \$22,000 encumbered or spent in 2018. The second source of funding will be an existing Stormwater Fund and through July 2018 that Fund Status is \$159,445.55. 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.

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 and Griffith 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.

