



Pickaway County 4PC00005

- 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
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2015 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 two 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.


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 .