



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

**WRRF**

| & |

SEP

Franklin Christman, Village Administrator

July 2017



2017 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 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 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 – 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) was approved for \$1,064,085, 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)	
Account Number: 7256	Disbursement Detail	Forms
EPA ID: CS390122-0010	Audit Confirmation	

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 Balance Amount
A	Peterson Construction Co.	\$11,580,000.00	\$0.00	\$11,580,000.00
CO	Contingencies	\$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

Figure Two

OHIO PUBLIC WORKS COMMISSION
APPENDIX E - DISBURSEMENT REQUEST FORM AND CERTIFICATION

DISBURSEMENT REQUEST NUMBER: _____

Statement requesting the disbursement 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, (129-02680 Pickaway County** (the "Recipient"), dated **July 1, 2016**, for the sole and express purpose of financing the capital improvement project defined and described in Appendix A of the Agreement (the "Project") and named and numbered as **Water Resource Recovery Facility Improve, CQ39T (LOAN)**.

EXPENDITURES PROGRESS:

	(1) AS PER AGREEMENT	(2) PAID PRIOR TO THIS DRAW	(3) AS PART OF THIS DRAW	(4) PAID TO DATE (Column 2 + 3)
A) Project Engineering Costs				
1) Preliminary Engineering	\$0	\$	\$	\$
2) Final Design	\$0	\$	\$	\$
3) Construction Administration	\$0	\$	\$	\$
B) Right-of-Way	\$0	\$	\$	\$
C) Construction Costs	\$1,553,691	\$	\$	\$
D) Materials Purchased Directly	\$0	\$	\$	\$
E) Permits, Advertising, Legal	\$0	\$	\$	\$
F) Construction Contingencies	\$0	\$ N/A	\$ N/A	\$ N/A
G) Totals	\$1,553,691	\$	\$	\$

FINANCING PROGRESS:

	(1) AS PER AGREEMENT	(2) USED PRIOR TO THIS DRAW	(3) AS PART OF THIS DRAW	(4) USED TO DATE (Column 2 + 3)
H) OPWC Funds	\$500,000	\$	\$	\$
I) Local Share				
1) In-kind Contributions	\$0	\$	\$	\$
2) Public Revenues	\$0	\$	\$	\$
3) Private Revenues	\$0	\$	\$	\$
J) Other Public Revenues				
1) ODOT/FHWA	\$0	\$	\$	\$
2) OEPA	\$1,053,691	\$	\$	\$
3) OWDA	\$0	\$	\$	\$
4) CDBG	\$0	\$	\$	\$
5) Other	\$0	\$	\$	\$
K) Total Local and Other Public Revenues	\$1,053,691	\$	\$	\$
L) Totals (H+K for each column)	\$1,553,691	\$	\$	\$

[NOTE: Column totals for Line L must be equal to the column totals for Line G.]

Ohio Public Works Commission
Infrastructure Programs
Request To Proceed

Subdivision: Name: Village of Ashville, Ohio OPWC Project # C 0387
Project Name: Water Resource Recovery Facility Improve C
Contact: Franklin Chapman, Village Administrator Date: 10/26/2016
Email: fchapman@ashvilleohio.gov Phone: (740) 207-1842

1. Flood Damage Reduction Standards (for projects involving construction or enhancements only)
A Local Floodplain Permit or approval from ODNR must be issued for this project if it is in a 100 year floodplain.
Is this project located within a 100 year floodplain? ☐ Yes ☒ No - Proceed to Section 2
Does this applicant participate in the National Flood Insurance Program? ☐ Yes ☒ No
If Yes, attach a copy of your local floodplain permit.
If No, attach a letter from the ODNR stating the requirements of the National Flood Insurance Program have been met.

2. Water Supply Project - Attachment Checklist
☐ OEPA Plan Approval Letter

3. Request for Change (include attachments)
☐ Project Schedule
☐ Local Officials

4. Vendor Designation ☒ Contractor ☐ Supplier ☐ Consultant ☐ Check F.M.B.E.
Name: F.M.B.E. Consulting, Inc. Federal Tax ID: 31-1451322
Address: 177 Tap Rd 191
City: Ashville, State: OH Zip: 43005
Contact: Josh Phillips Phone: (740) 535-1786
Slope of Work: Install sewer lines from and to WSRF from current facility Contract Amount: \$1,488,695.15
If Construction, Start Date: 12/13/2016 Estimated Completion Date: 12/13/2017

5. Local Authorization
Authorized Signature: *Franklin Chapman* Date: October 26, 2016
Return form and attachments to OPWC by Mail Ohio Public Works Commission, 65 E. State Street, Suite 313, Columbus, Ohio 43215
Per of the following authority: Fax: The appropriate Program Representative FAX: 614-460-4604

For OPWC Use Only
Notice to Proceed ☐ Request for Change ☐ Notes: _____
☐ Approved ☐ Approved ☐ Disapproved ☐ Disapproved
Authorized Signature: _____ Date: _____

Form OPWC003 Rev. 6-12

State of Ohio
PUBLIC WORKS COMMISSION
Infrastructure Program Small Government Program Emergency Program State Space Conservation Program
Approved Requests To Proceed
OPWC no longer issues this form to issue Notice to Proceed responses to Requests to Proceed. This information is now provided through emailed communications or within the OPWC's online system. Attached PDF form (tab) is provided for the most recent activity. To search for an approved, most recent Request for Change (RFC) or T-Information, please visit the OPWC website.

Project #	Date	Vendor	Amount
C0415	1/18/2016	AP of New Orleans	2,111,709
C0417	1/18/2016	Reynolds Construction Co., Inc.	12,324
C0418	1/18/2016	John J. Miller, LLC	12,229
C0419	1/18/2016	McClure Construction Co., Inc.	75,309
C0420	1/18/2016	Hagerman Design Group	17,469
C0421	1/18/2016	McClure Construction Co., Inc.	890,149
C0422	1/18/2016	McClure Construction Co., Inc.	23,909
C0423	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0424	1/18/2016	McClure Construction Co., Inc.	2,489
C0425	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0426	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0427	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0428	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0429	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0430	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0431	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0432	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0433	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0434	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0435	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0436	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0437	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0438	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0439	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0440	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0441	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0442	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0443	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0444	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0445	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0446	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0447	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0448	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0449	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0450	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0451	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0452	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0453	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0454	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0455	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0456	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0457	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0458	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0459	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0460	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0461	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0462	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0463	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0464	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0465	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0466	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0467	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0468	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0469	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0470	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0471	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0472	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0473	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0474	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0475	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0476	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0477	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0478	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0479	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0480	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0481	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0482	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0483	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0484	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0485	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0486	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0487	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0488	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0489	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0490	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0491	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0492	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0493	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0494	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0495	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0496	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0497	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0498	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0499	1/18/2016	McClure Construction Co., Inc.	4,490,191
C0500	1/18/2016	McClure Construction Co., Inc.	4,490,191

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

Water Pollution Control Loan Fund (WPCLF) SEWERED CONSTRUCTION APPLICATION					
Community Information					
Project Name	Village of Ashville, Ohio Sanitary Sewer Improvements 2016 (Part B)				
Entity (Village, City or County)	Village of Ashville (Pickaway County)				
Address	200 Station Street 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) #	41858922				
Consultant Engineer Name of Firm	AECOM				
Engineering Contact	Matthew Noelker, P.E.				
Telephone	614-600-5980			Fax	614-464-0588
Email	matthew.noelker@aecom.com				
Project Type					
Construction Project	X	Loan Terms: (max. of 20 yrs)	30	Expected Loan Award Date:	12/8/2016
Project Description					
Please provide a narrative describing the project. Attach additional pages if 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 wastewater 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.					
Project 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)					
Other (Specify)					
Total Project Cost					\$1,489,605.15

Page 1



Ashville

Loan	Reports	Other Reports
Description: Effluent Sewer and Force Main	Loan Summary	All Transactions
Purpose: Sewer	Loan Transactions(Detail)	
Account Number: 7546	Disbursement Detail	Forms
EPA ID: CS390122-0011	Audit Confirmation	Disbursement Request

Loan Information

Funding Account Name	Interest Rate	Amount Financed + Interest	Loan Balance Outstanding
Water Pollution Control Loan Fund	1.14%	\$1,064,171.35	\$560,792.46
Application Status: Approved			
Loan Status: Open			
Disbursement Status: Active			
Amortization Status: NOT Complete			
Term: 30			
First Payment Date: 01/01/2019			
Last Payment Date: 07/01/2048			
Pay-Off Method: Installment			
Total:		\$1,064,171.35	\$560,792.46

Loan Contractor Information

Contractor ID	Contractor Name	Encumbered Amount	Disbursed Amount	Undisbursed Balance Amount
A	Fields Excavating, Inc.	\$989,605.15	\$560,706.52	\$428,898.63
CO	Contingencies	\$74,480.26	\$0.00	\$74,480.26
TS	Technical Services	\$0.00	\$0.00	\$0.00
Total:		\$1,064,085.41	\$560,706.52	\$503,378.89

Home -> Loan List

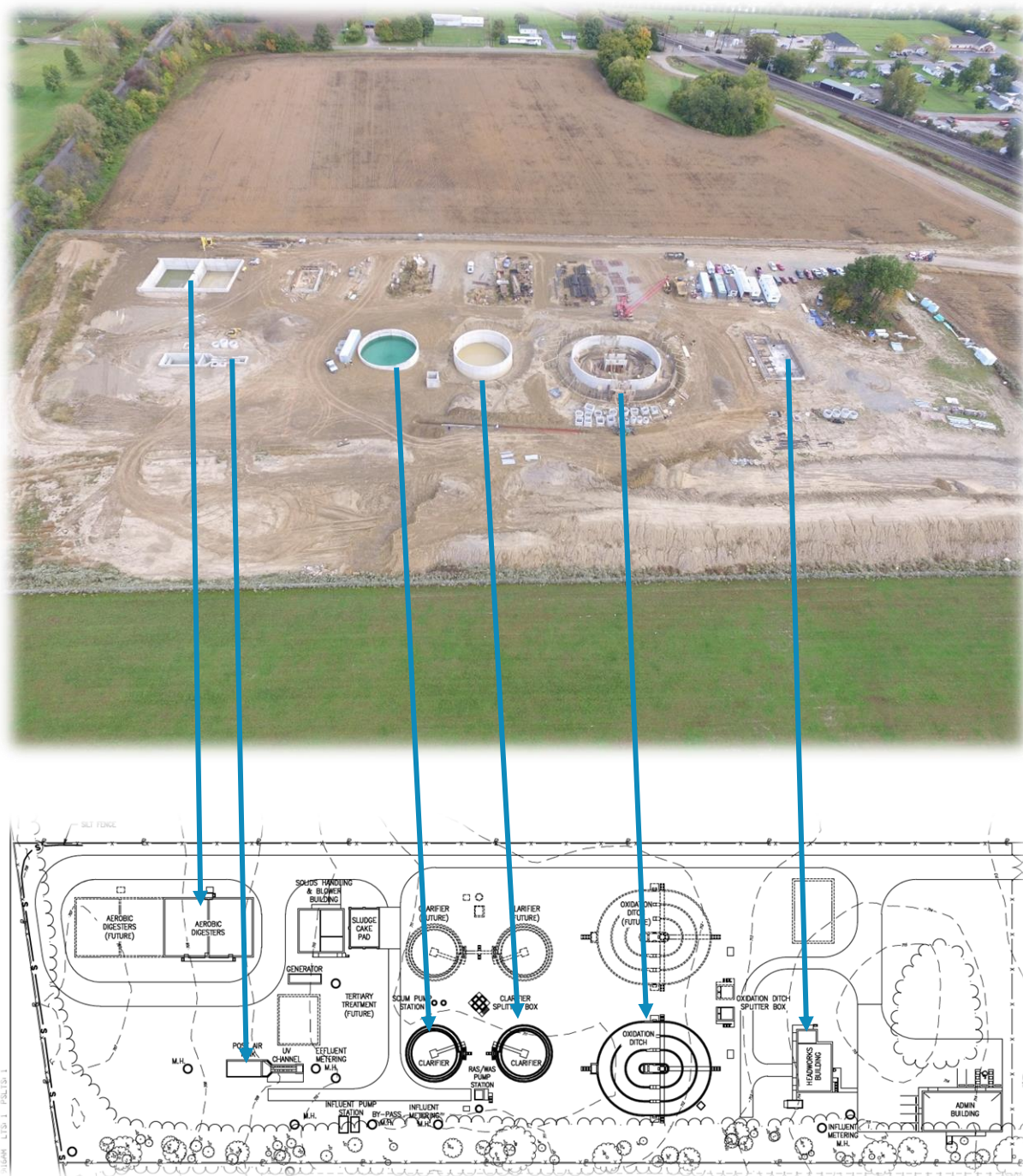
All of the above applications and support material can be found on the webpage for this project: <http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility>

CONSTRUCTION STATUS

Part A Construction:

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

Figure Four



CONSTRUCTION STATUS

Part A Construction:

Figure Four Continued

Peterson Construction started construction on June 22, 2017. Progress has been made on the site, see Figure Four.

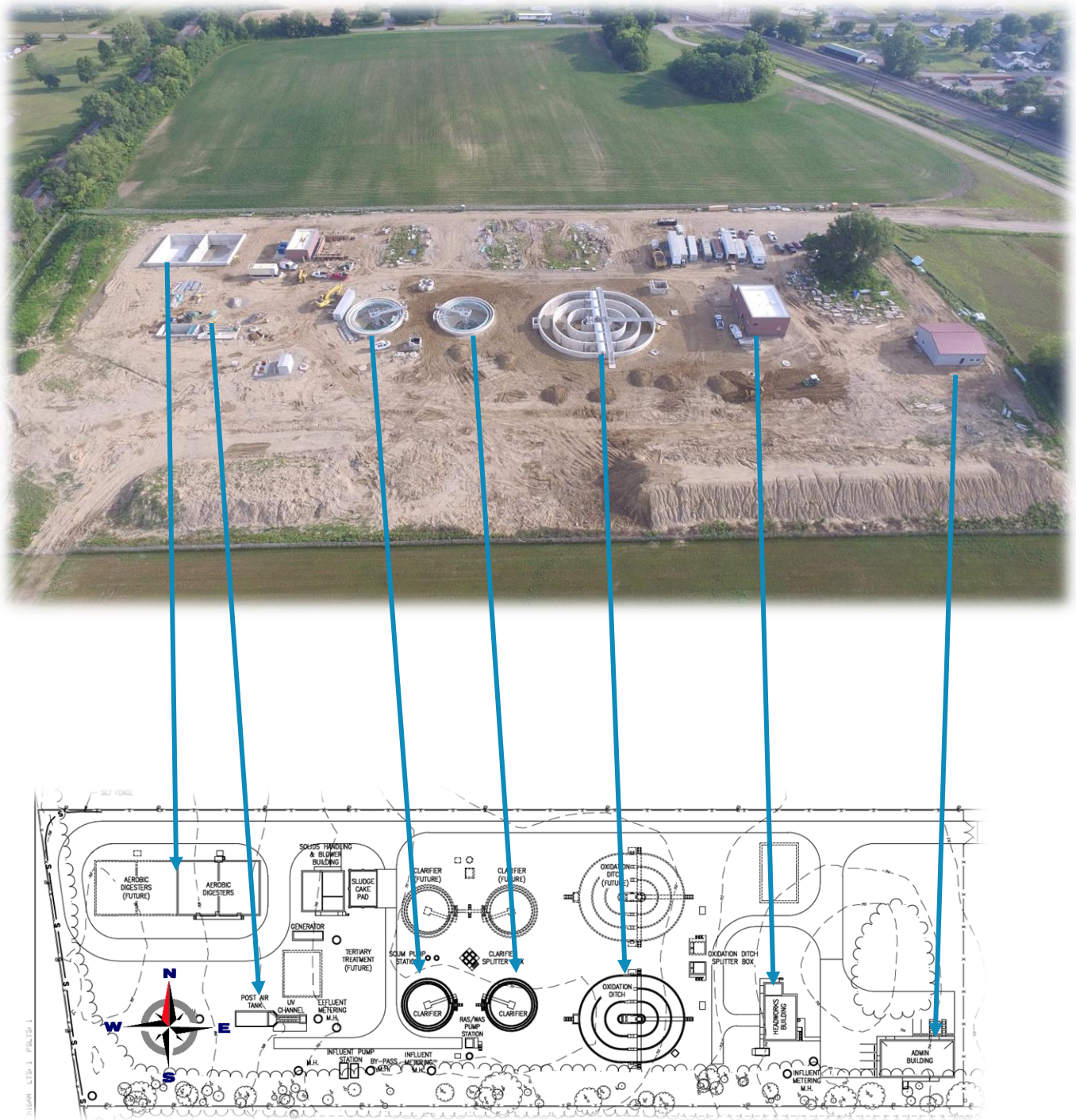


Figure Four Continued

The thirty (30) images are of PowerPoint Presentations on Part A to Village Council. They can be found on the project webpage: <http://www.ashvilleohio.gov/index.php/water-resource-recovery-facility>. Additional slides by process can be viewed documenting the construction progress through the end of June 2017.



Administration Building Outside in April



Administration Building Outside in June



Administration Building Outside in April



Administration Building Outside in June



Headworks Building Outside in April



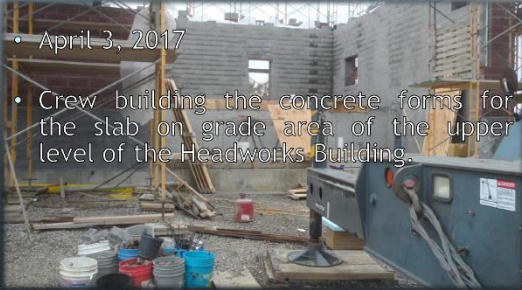
Headworks Building Outside in June

Ashville's WRRF Project



Construction in Photos

- April 3, 2017
- Crew building the concrete forms for the slab on grade area of the upper level of the Headworks Building.



Headworks Building Inside in April

Ashville's WRRF Project



Construction in Photos

- June 22, 2017
- Regal Plumbing continuing to install the waterlines to the Screening equipment in the Headworks Building.



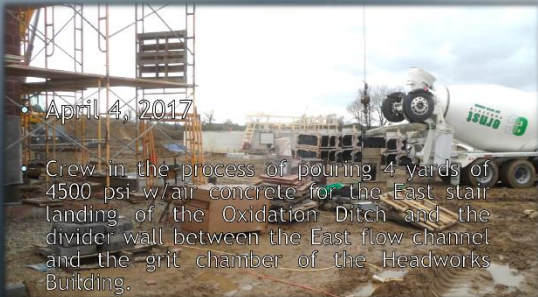
Headworks Building Inside in June

Ashville's WRRF Project



Construction in Photos

- April 4, 2017
- Crew in the process of pouring 4 yards of 4500 psi w/air concrete for the East stair landing of the Oxidation Ditch and the divider wall between the East flow channel and the grit chamber of the Headworks Building.



Headworks Building Inside in April

Ashville's WRRF Project



Construction in Photos

- June 29, 2017
- Crew installing the Aluminum Post and I-Beams for the stair and grating platform at the Oxidation Ditch Splitter Box.



Headworks Building Inside in June

Ashville's WRRF Project



Construction in Photos

- April 5, 2017
- Building the rebar to be installed in the concrete forms for the South bearing and bridge walk pads of the Oxidation Ditch.



Oxidation Ditch in April

Ashville's WRRF Project



Construction in Photos

- June 1, 2017
- Amelcon Electric installing conduit and pulling wire at the Oxidation Ditch.



Oxidation Ditch in June

Ashville's WRRF Project

Construction in Photos



- May 18, 2017
- Crew continuing to install the 30" DI piping from the Oxidation Ditch to the Clarifier splitter box.

Clarifier Splitter in May 2017

Ashville's WRRF Project

Construction in Photos



- June 27, 2017
- Crew installing the two slide gates in the Clarifier Splitter Box.

Clarifier Splitter in June 2017

Ashville's WRRF Project

Construction in Photos



- April 13, 2017
- Crew backfilling and compacting dirt around the East Clarifier.

Clarifier East in April 2017

Ashville's WRRF Project

Construction in Photos

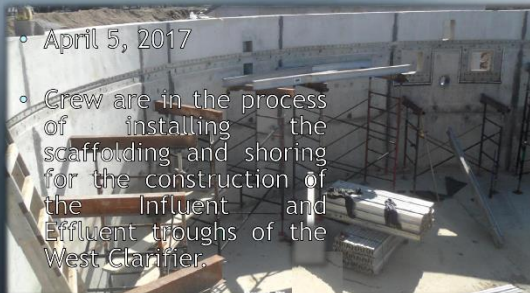


- June 30, 2017
- Crew making some final adjustments to the East Clarifier scrapper arms.

Clarifier East in June 2017

Ashville's WRRF Project

Construction in Photos



- April 5, 2017
- Crew are in the process of installing the scaffolding and shoring for the construction of the Influent and Effluent troughs of the West Clarifier.

Clarifier West in April 2017

Ashville's WRRF Project

Construction in Photos




- June 22, 2017
- Amelcon Electric installing conduit and terminating control wiring for the electric scum gate on the West Clarifier.

Clarifier West in June 2017

Ashville's WRRF Project

Construction in Photos



- May 16, 2017
- Crew installing the conduit duct bank for the RAS pump station and RAS WAS vaults.

RAS/WAS Pump Station Vault in May 2017

Ashville's WRRF Project

Construction in Photos



- June 28, 2017
- Crew installing the explosion proof sum pump in the WAS vault.

RAS/WAS Pump Station Vault in June 2017

Ashville's WRRF Project

Construction in Photos



- May 24, 2017
- Crew has finished grinding the concrete floor in the East half of the Aerobic Digester for concrete structural support slab.

Aerobic Digester in May 2017

Ashville's WRRF Project

Construction in Photos



- June 30, 2017
- Crew installing the pump base and discharging piping for the Sludge pumps in the Aerobic Digesters.

Aerobic Digester in June 2017

Ashville's WRRF Project

Construction in Photos



- May 24, 2017
- Crew installing the Sch-80 PVC waterline and chemical feed piping in the Solids Handling Building.

Solids Handling Building Inside May 2017

Ashville's WRRF Project

Construction in Photos



- June 23, 2017
- Crew installing the interior and exterior face plates in the wall opening for the Screw Conveyor in the Sludge Storage Building.

Solids Handling Building Inside June 2017

Ashville's WRRF Project



Construction in Photos

- March 24, 2017
- Mason crew installing the glass block window at the Solids Handling Building.
- Job No: 60440011



Solids Handling Building Outside March May 2017

Ashville's WRRF Project



Construction in Photos

- June 5, 2017
- Crew excavating for the footers of the blower foundation at the Solids Handling Building.



Solids Handling Building Outside June 2017

Ashville's WRRF Project



Construction in Photos

- June 14, 2017
- Crew excavating for the footers of the Sludge Storage Building.



Sludge Storage Building Outside Early June 2017

Ashville's WRRF Project



Construction in Photos

- June 30, 2017
- Crew installing the trench drain for the foundation slab of the Sludge Storage Building.



Sludge Storage Building Outside Late June 2017

Ashville's WRRF Project



Construction in Photos

- June 8, 2017
- Crew backfilling and compacting soil around the Post Air/UV tank as another crew install the concrete forms for the blower pad.



Post Air/Ultraviolet (UV) Tank Early June 2017

Ashville's WRRF Project



Construction in Photos

- June 29, 2017
- Crew installing the UV control panel and transformer at the Post Air/UV tank.

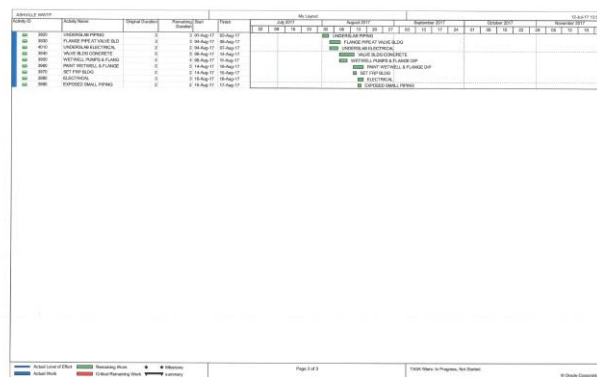
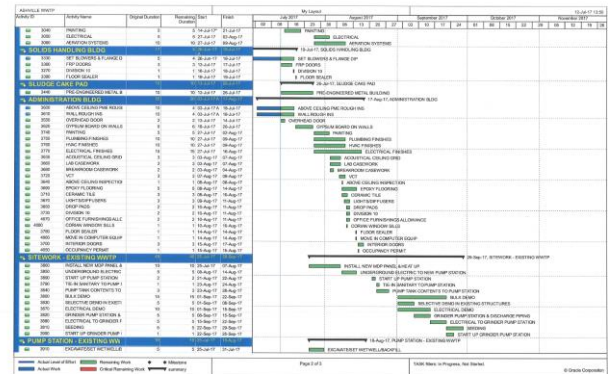
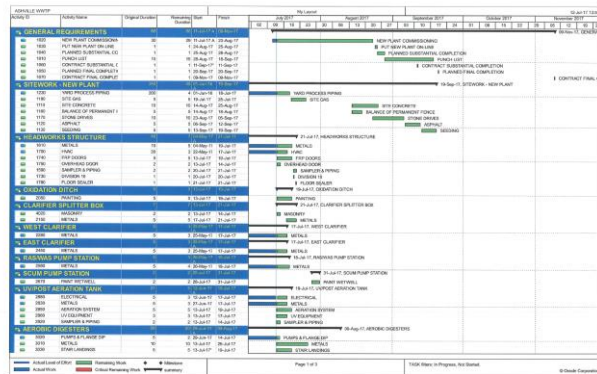


Post Air/Ultraviolet (UV) Tank Late June 2017

7/31/2017

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



To the right is the preliminary plant start-up coordination schedule. A few things to highlight:

- Both plants will be able to run at the same time once Fields (Part B) makes the effluent tie in at the discharge point. Confirm that once this tie in is made, both plants will be able to send effluent to the discharge point. This will get more complex if this is not the case.
- It is preferred that Fields (Part B) work on tie ins that send flow to the new plant first and end with the tie in at the existing plant that sends the flow to the new pump station and up to the new plant.
- The August Construction Meeting will solidify the Start Up Schedule with AECOM, Village of Ashville, Peterson Construction and Fields Excavating.

MATT BRACKMAN, CM-BIM
PETERSON CONSTRUCTION COMPANY
O (419) 941-2233 EXT 164
C (567) 319-9027
F (419) 941-2244
MBRACKMAN@PETERSONCONSTRUCTIONCO.COM
WWW.PETERSONCONSTRUCTIONCO.COM

BRIAN BENEDICT
CONSTRUCTION SERVICES MANAGER, WATER RESOURCES DEPARTMENT
D (614) 600-5812 C (614) 204-3668
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ASHVILLE WWRF - START UP SCHEDULE

2017

AUGUST

MONDAY

Monday	Tuesday	Wednesday	Thursday	Friday
01	02	03	04	05
06	07	08	09	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31				

Ashville to Truck 20,000 gallons of sludge to the digester tank for Fourstar Start-up

Fields Begin Pipe tie in's to transfer flow from the existing plant to the new plant (start with effluent tie in)

Fields Tie in's Continued

New plant start's receiving flow

Fields Tie in's Continued

New plant online

Fields Tie in's at Existing WWRF

Existing WWRF Pump Station Online

Ashville to seed the oxidation ditch with XXXXXX gallons. AECOM to specify the volume. Run ditch in AUTO over weekend.

All flow is heading to the new plant

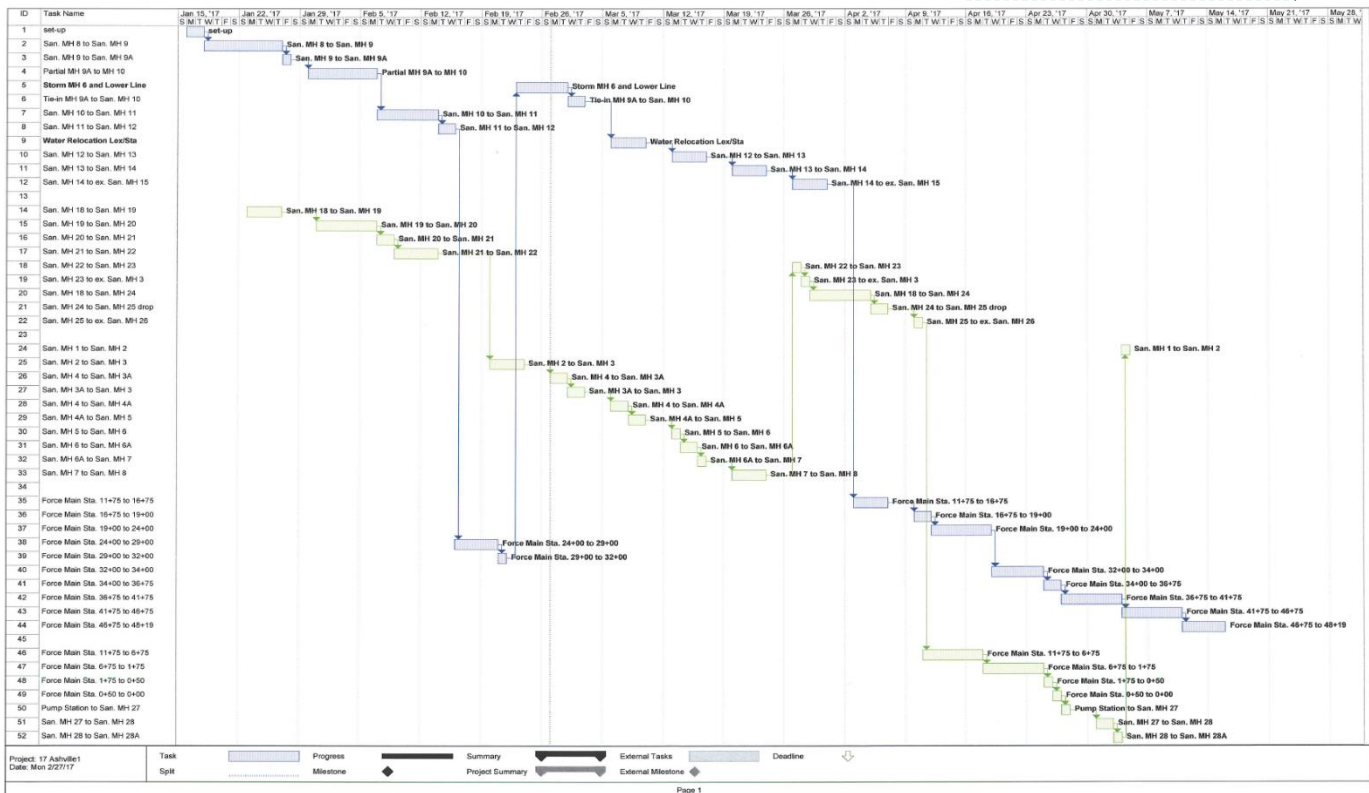
Ashville to Truck sludge to digester tank. We need 60,000 gallons for Fourstar Training. Amount trucked will depend on the amount wasted the previous week.

The above schedule was an update presented by Peterson Construction at the July 2017 monthly construction meeting and through email communication.

Part B Construction:

Fields Excavating, Inc. has begun construction, see Figure Six.

Figure Six



Water Resource Recovery Facility Part B Schedule

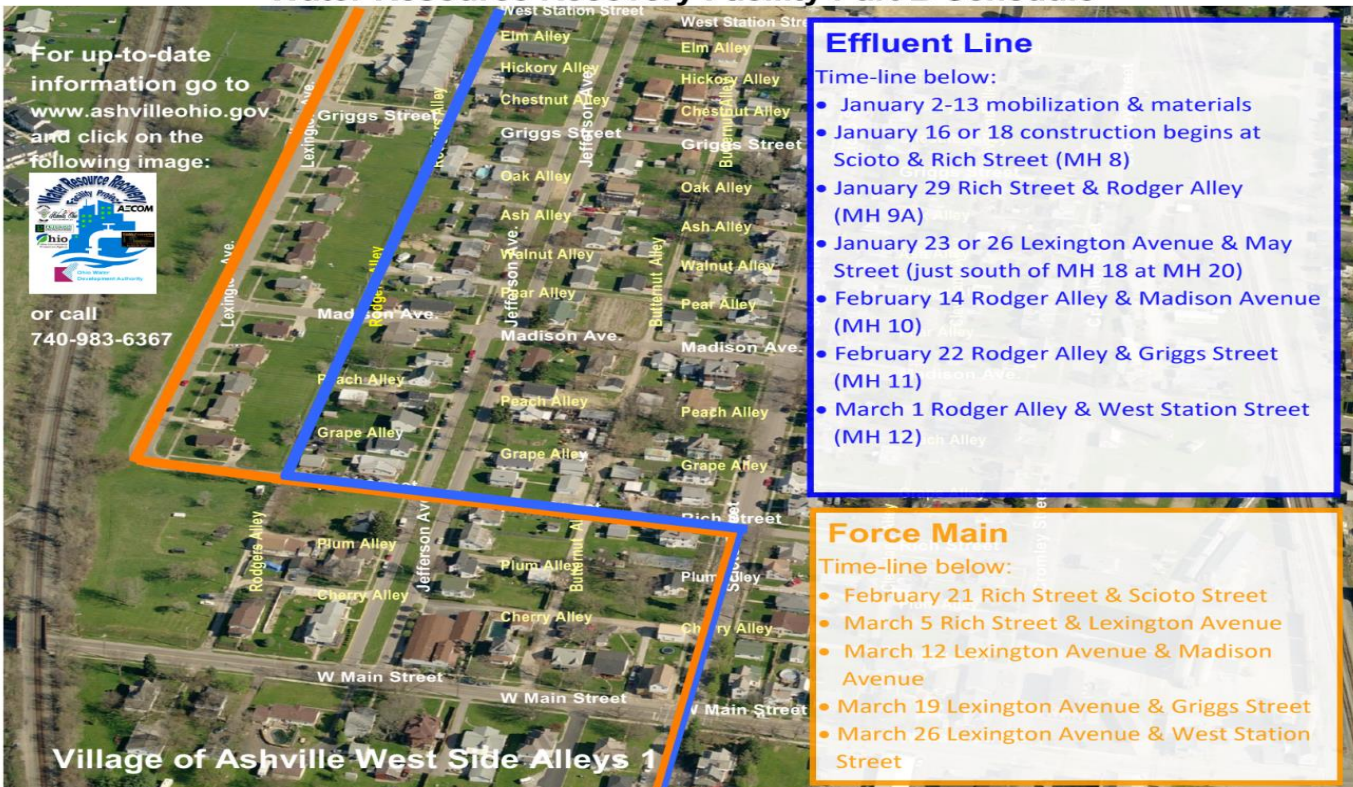


Figure Seven Continued

7/31/2017

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



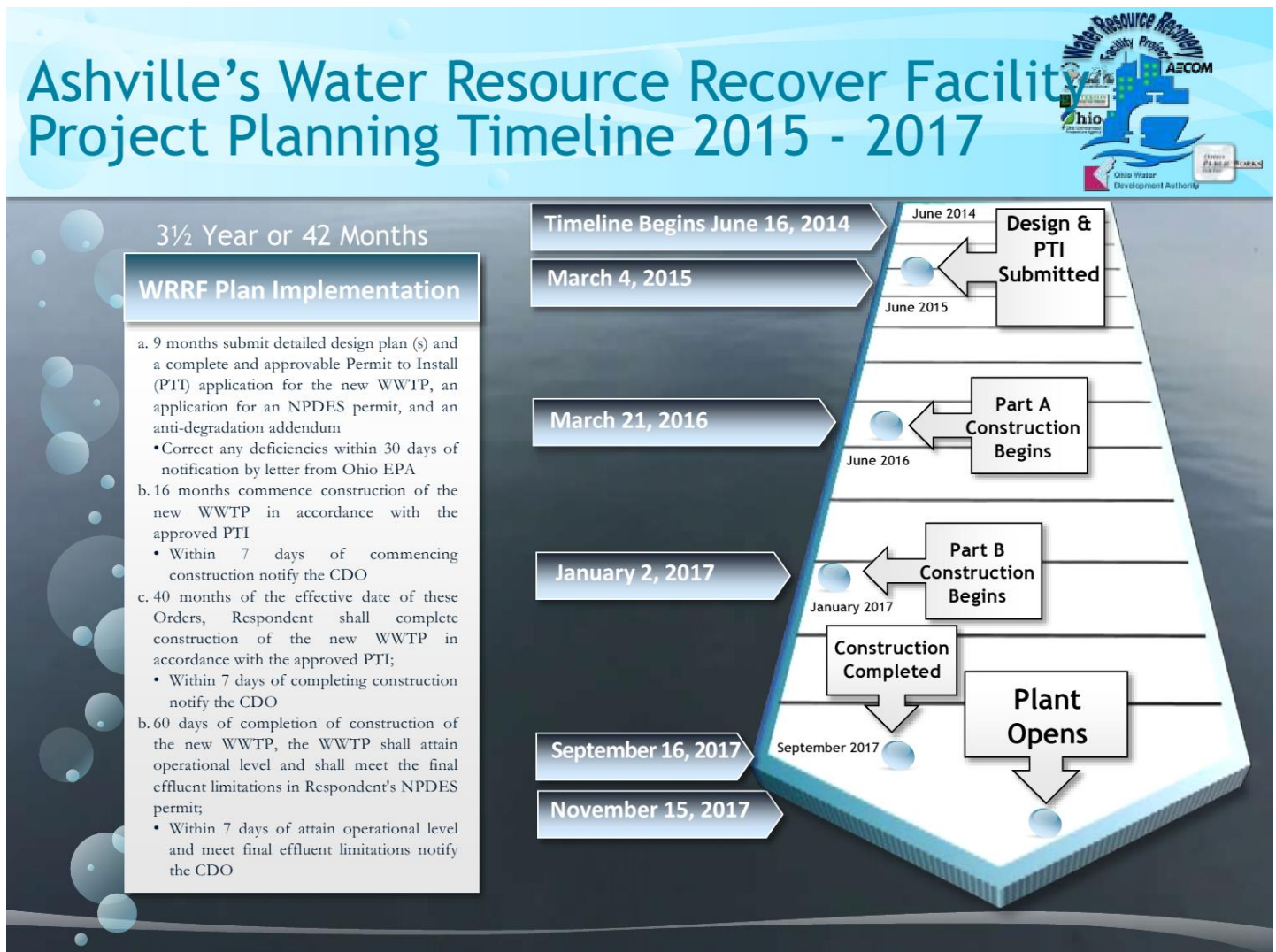
The above images represents clean-up work being done by Field's Excavating for Part B of this Project. Final work for Part B will be collaboration with Part A tie-in.

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 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



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.

Figure Nine

The screenshot shows a web browser window with the URL www.ashtvilleohio.gov/index.php/water-resource-recovery-facility. The page title is "Water Resource Recovery Facility".

On the left side, there is a logo for the "Water Resource Recovery Facility" and a list of updates with dates and links:

- 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

Below the list, it states: "By clicking on many of the images below you can access pdfs of the items indicated."

On the right side, there is a sidebar with a list of navigation links:

- 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

2017 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 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 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 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 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.

