

# Construction in Photos

Oxidation Splitter Box 2017

Water Resource Recovery Department  
Village of Ashville  
Ashville's Water Resource Recovery Facility  
Part A - Job No: 60440011

Presentation Available on Line at:  
[www.ashvilleohio.gov](http://www.ashvilleohio.gov)



## Ashville's WRRF Project



### Vision Statement

Remembering our rural heritage, Ashville will be a vibrant and friendly community, offering an enhanced quality of life achieved through planning, progress and collaboration.

It will be a welcoming place where people want to live and businesses prosper.

# Ashville's WRRF Project



## Construction Aerial Photo

From November 2016, April, May & November 2017



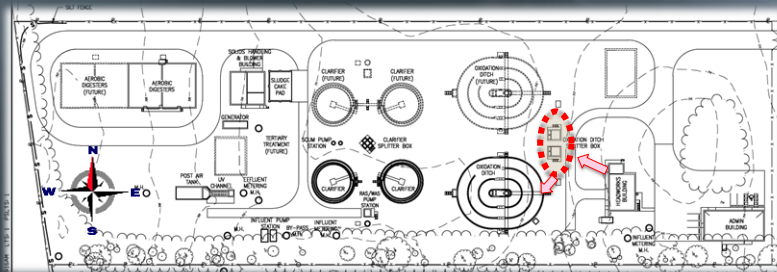
# Ashville's WRRF Project



## Splitter Box for the Oxidation Ditch

### Oxidation Splitter Box

It conveys material from the Headworks Building process one to the Oxidation Ditch process two.



Oxidation Splitter Box

## Ashville's WRRF Project



### Construction in Photos



- September 12, 2017
- Crew working on grading, roadways and the South Retention Pond.

## Ashville's WRRF Project



### Construction in Photos



- August 31, 2017
- Crew placing #57 gravel under the grating platform at the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- July 11, 2017
- Crew is conducting a preliminary operational check on the submersible mixer in the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos

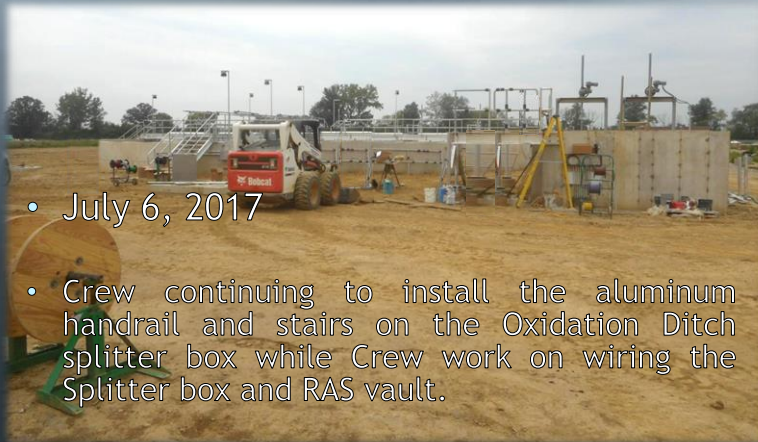


- July 7, 2017
- Crew finishing the aluminum handrail installation at the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos

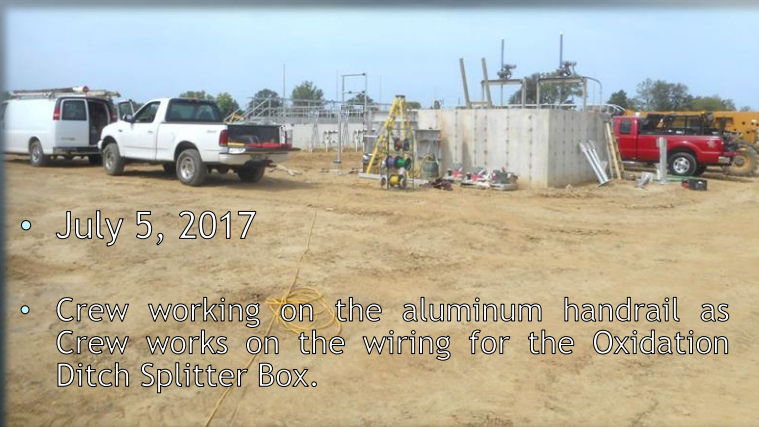


- July 6, 2017
- Crew continuing to install the aluminum handrail and stairs on the Oxidation Ditch splitter box while Crew work on wiring the Splitter box and RAS vault.

## Ashville's WRRF Project



### Construction in Photos



- July 5, 2017
- Crew working on the aluminum handrail as Crew works on the wiring for the Oxidation Ditch Splitter Box.

## 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.

## Ashville's WRRF Project



### Construction in Photos



- June 28, 2017
- Crew installing the anchor bolts in the freshly poured concrete for the 5 - 24" drilled piers at the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos

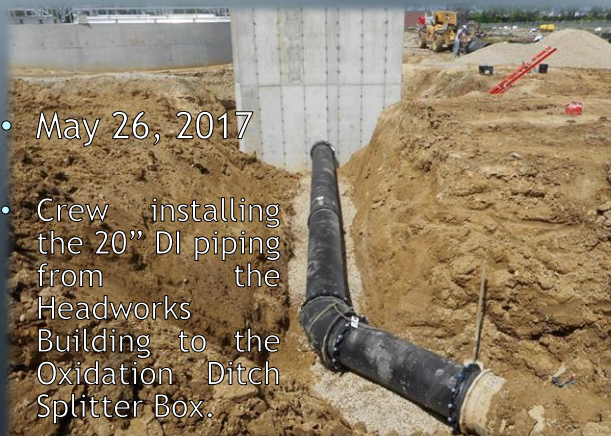


- June 27, 2017
- Crew installing the 24" drilled piers and rebar for the aluminum stairs and grating platform at the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- May 26, 2017
- Crew installing the 20" DI piping from the Headworks Building to the Oxidation Ditch Splitter Box.

## 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.

## Ashville's WRRF Project



### Construction in Photos



- May 15, 2017
- Crew stripping the concrete forms from the Oxidation Ditch splitter box.



## Ashville's WRRF Project



### Construction in Photos



- May 10, 2017
- Crew installing the interior concrete forms for the walls of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- May 10, 2017
- Crew installing the rebar for the walls of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- May 9, 2017
- Crew installing the concrete forms for the wall sections of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- May 8, 2017
- Crew installing the rebar for the base slab of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



• May 8, 2017

- Crew pouring 16 yards of 4500 psi. w/air concrete for the base slab of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



• May 5, 2017

- Crew installing the concrete-forms for the base slab of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- May 4, 2017
- Crew installing the 8" DI RAS and 20" DI Oxidation Ditch piping for the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos



- May 4, 2017
- Crew pouring 5 yards of 1500 psi concrete for the mud mat of the Oxidation Ditch Splitter Box.

## Ashville's WRRF Project



### Construction in Photos

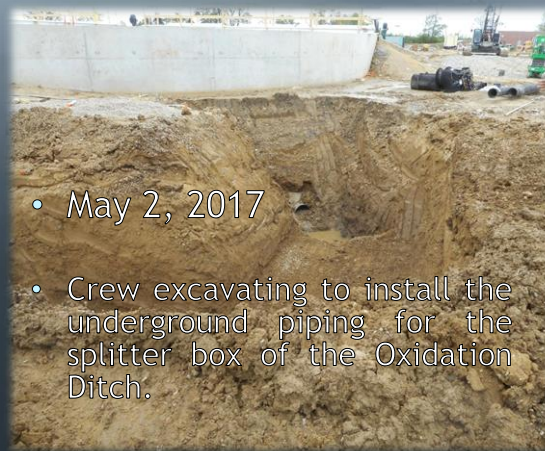


- May 3, 2017
- Crew installing the 20" DI piping from the Oxidation Ditch to the Oxidation Ditch splitter box.

## Ashville's WRRF Project



### Construction in Photos

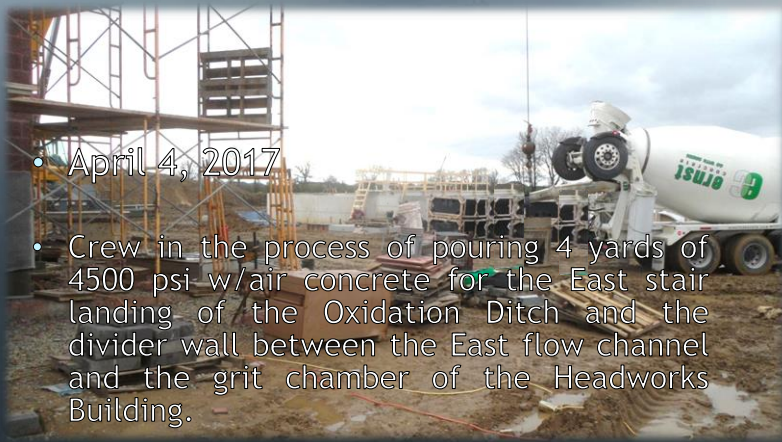


- May 2, 2017
- Crew excavating to install the underground piping for the splitter box of the Oxidation Ditch.

# 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.

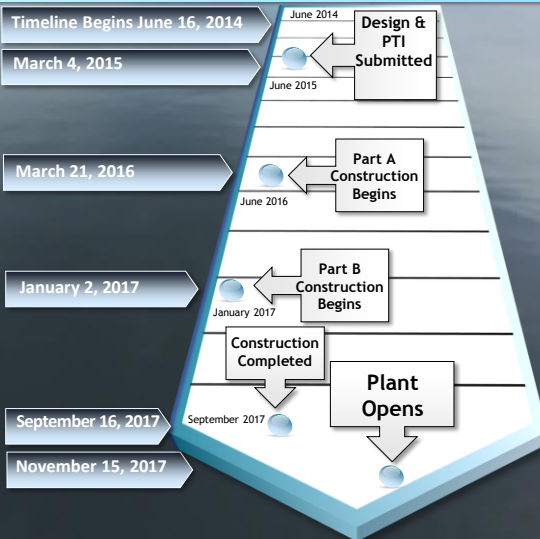
# Ashville's Water Resource Recover Facility Project Planning Timeline 2015 - 2017



3½ Year or 42 Months

### WRRF Plan Implementation

- a. 9 months submit detailed design plan (s) and a complete and approvable Permit to Install (PTI) application for the new WWTP, an application for an NPDES permit, and an anti-degradation addendum
  - Correct any deficiencies within 30 days of notification by letter from Ohio EPA
- b. 16 months commence construction of the new WWTP in accordance with the approved PTI
  - Within 7 days of commencing construction notify the CDO
- c. 40 months of the effective date of these Orders, Respondent shall complete construction of the new WWTP in accordance with the approved PTI;
  - Within 7 days of completing construction notify the CDO
- b. 60 days of completion of construction of the new WWTP, the WWTP shall attain operational level and shall meet the final effluent limitations in Respondent's NPDES permit;
  - Within 7 days of attain operational level and meet final effluent limitations notify the CDO



**hio**  
Ohio Environmental Protection Agency  
DEFA Loan

**Water Resource Recovery Facility Project**  
AECOM

**hio**  
Ohio Environmental Protection Agency

**Fields Excavating**  
OH Licenses: 0001700  
Est. 1959 OH #101

**OHIO PUBLIC WORKS**  
From 1996

**OHIO PUBLIC WORKS**  
Village of Ashville Sanitary Sewer Improvements Parts A & B  
Total Project Cost \$13,069,605.00

Owner: Village of Ashville, OH  
Engineer: AECOM Columbus, OH  
Part A Contractor: Peterson Construction, Wapakoneta, OH  
Part B Contractor: Fields Excavating, Inc., Ashville, OH

**THANK YOU  
AECOM, FIELDS, AND PETERSON**

**ASHVILLE**  
Vision Statement