

Construction in Photos

Administrative Building 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



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

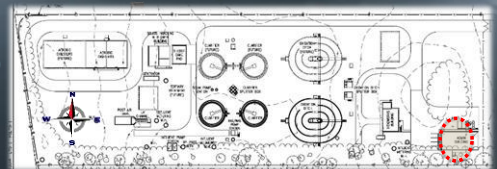


Ashville's WRRF Project



Construction in Photos

Administrative Building
It is the operational center of the Water Resource Recovery Facility.



Administrative Building

Ashville's WRRF Project



Construction in Photos



- September 11, 2017
- Crew working on the plumbing in the Administration Building Laboratory.

Ashville's WRRF Project



Construction in Photos



- September 8, 2017
- Crew installing the second 1 1/4" course of Asphalt paving for the parking area of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- September 8, 2017
- Crew installing the first 1 3/4" course of Asphalt paving for the parking area of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- September 7, 2017
- Crew finished installing the Water Heater Vent at the Administration Building.

Ashville's WRRF Project

Construction in Photos



- September 1, 2017
- Crew installing the insulation of the waterlines in the mechanical room of the Administration Building.

Ashville's WRRF Project

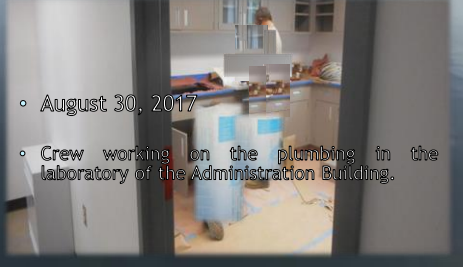
Construction in Photos



- August 30, 2017
- Crew continuing to work on #304 base for the asphalt parking area at the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 30, 2017
- Crew working on the plumbing in the laboratory of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 30, 2017
- Crew working on the Fire Alarm system for the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 29, 2017
- Crew installing the geotextile fabric and 8" of compacted #304 limestone for the parking area at the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 29, 2017
- Crew continuing to install the waterline plumbing in the mechanical room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 28, 2017
- Crew starting to excavate for the installation of the 8" of compacted #304 base for the asphalt parking area of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 25, 2017
- Crew installing the waterline, meter, backflow preventer and water heater in the mechanical room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 24, 2017
- Crew continuing to install the backflow, water meter and water heater in the mechanical room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 24, 2017
- Crew continuing to work on the WRRF SCADA system.

Ashville's WRRF Project

Construction in Photos



- August 23, 2017
- Crew starting to install the backflow preventer, water meter and water heater in the mechanical room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 23, 2017
- Crew installing the gas lines for the HVAC system of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 22, 2017
- Crew working on the HVAC system of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 15, 2017
- Crew installing the concrete forms and rebar for the door stoops at the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 15, 2017
- Crew installing the Vinyl Composite Tile in the corridor of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 15, 2017
- Crew painting the storage room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 14, 2017
- Crew starting the installation of the Ceramic Tile in the bathroom of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 14, 2017
- Crew preparing the Admin Building storage room for the first coat of paint.

Ashville's WRRF Project


Construction in Photos



- August 11, 2017
- Crew installing the casework in the break room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 10, 2017
- Crew installing the casework in the break room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 9, 2017
- Crew wiring the electrical transformer in the storage room of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 8, 2017
- Crew preparing the laboratory floor in the Administration Building for the epoxy resin flooring.

Ashville's WRRF Project

Construction in Photos



- August 7, 2017
- Crew installing the support channel for the 2 x 4 suspended acoustical ceiling in the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 4, 2017
- Crew continuing to install the lab casework in the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 4, 2017
- Crew starting to install the 2 x 4 suspended acoustical ceiling for the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 3, 2017
- Crew continuing to install the lab casework in the Administration Building.

Ashville's WRRF Project

Construction in Photos



- August 2, 2017
- Crew mudding & taping the storage room, the last room of the Administration Building to be finished.

Ashville's WRRF Project

Construction in Photos



- August 1, 2017
- Crew painting the walls of the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 20, 2017
- Crew installing insulation and drywall in the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 20, 2017
- Crew waiting for the Harrison Township Building Inspector to approved the pressure tests on the waterline and drain piping in the Administration Building. The waterline pressure is at 80 psi and the drain line pressure is at 5 psi.

Ashville's WRRF Project



Construction in Photos



- July 19, 2017
- Installing drywall on the walls of the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 19, 2017
- Installing insulation on the HVAC duct work in the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 18, 2017
- Overhead Door Company installing the garage door for the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 17, 2017
- Crew installing the interior plumbing for the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 17, 2017
- HVAC continuing to install the HVAC system for the for the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 14, 2017
- Crew is working on the bathroom plumbing while Regal HVAC work on the HVAC duct work in the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 13, 2017
- Crew installing conduit, receptacle and switch boxes in the Administration Building.

Ashville's WRRF Project



Construction in Photos



- July 12, 2017
- HVAC installing the duct work for the HVAC system in the Administration Building.

Ashville's WRRF Project



Construction in Photos



- June 30, 2017
- Crew installing the metal walls studs in the Administration Building.

Ashville's WRRF Project



Construction in Photos



- June 30, 2017
- Crew blowing in the insulation in the ceiling of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- June 29, 2017
- Crew starting to install the metal wall studs in the Administration Building.

Ashville's WRRF Project

Construction in Photos



- June 26, 2017
- Crew installed the ceiling drywall in the Administration Building.

Ashville's WRRF Project

Construction in Photos



- June 21, 2017
- Crew installing the 2 x 4 ceiling grid in the Administration Building.

Ashville's WRRF Project

Construction in Photos



- June 20, 2017
- Crew continuing to work on the Administration Building.

Ashville's WRRF Project

Construction in Photos



- June 19, 2017
- Crew installing insulation in the walls of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- June 16, 2017
- Crew making progress on building the Administration Building.

Ashville's WRRF Project

Construction in Photos

- June 15, 2017
- Crew continuing to build the Administration Building.

Ashville's WRRF Project

Construction in Photos

- June 12, 2017
- Crew making progress at erecting the Administration Building.

Ashville's WRRF Project

Construction in Photos

- June 9, 2017
- Crew erecting the Administration Building.

Ashville's WRRF Project

Construction in Photos

- June 8, 2017
- Crew working on the Administration Building.

Ashville's WRRF Project

Construction in Photos

- May 17, 2017
- Crew pouring 33 yards of 4000 psi concrete for the foundation slab of the Administration Building.

Ashville's WRRF Project

Construction in Photos

- May 16, 2017
- Crew installing the rebar for the Administration Building foundation slab on grade.

Ashville's WRRF Project

Construction in Photos



- May 15, 2017
- Crew installing and compacting #304 limestone in the foundation walls of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 12, 2017
- Crew and Crew have completed the underground electrical conduit and plumbing for the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 10, 2017
- Crew installed and compacted #304 limestone inside the foundation walls of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 10, 2017
- Crew installing the underground plumbing for the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 9, 2017
- Crew continuing to install the underground plumbing for the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 8, 2017
- Crew getting started on installing the underground plumbing for the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 4, 2017
- Crew installing #57 gravel around the inside of the foundation walls of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- May 3, 2017
- Crew installing underground conduit into the Administration Building electrical rooms.

Ashville's WRRF Project

Construction in Photos



- May 2, 2017
- Crew pouring 6 yards of 4500 psi w/air concrete for the North half of the Administration Building foundation walls.

Ashville's WRRF Project

Construction in Photos



- May 2, 2017
- Crew installing the final sections of concrete forms for the North half of the Administration Building foundation walls.

Ashville's WRRF Project

Construction in Photos



- April 27, 2017
- Crew stripping the concrete forms from the South half and moving them to the North half of the Administration Building foundation walls.

Ashville's WRRF Project

Construction in Photos



- April 26, 2017
- Crew finishing the 7 yard pour of 4500 psi w/air concrete for the South half of the Administration Building foundation walls.

Ashville's WRRF Project

Construction in Photos



- April 25, 2017
- Crew installing the concrete forms for the South half of the Administration Building foundation walls.

Ashville's WRRF Project

Construction in Photos



- April 24, 2017
- Crew pouring 10 yards of 4500 psi w/air concrete for the footers of the Administration Building.

Ashville's WRRF Project

Construction in Photos



- April 24, 2017
- Crew installing the rebar for the Administration Building footers.

Ashville's WRRF Project

Construction in Photos



- April 18, 2017
- Installing the electrical conduit duck bank for the Administration Building and encasing it in 11 yards of 4000 psi w/air concrete.

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 (i) 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.
- d. 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 attaining operational level and meet final effluent limitations notify the CDO.

Timeline Begins June 16, 2014

- March 4, 2015: Design & PTI Submitted
- March 21, 2016: Part A Construction Begins
- January 2, 2017: Part B Construction Begins
- September 16, 2017: Construction Completed
- November 15, 2017: Plant Opens



OHIO ENVIRONMENTAL PROTECTION AGENCY
DEFA Loan

Water Resource Recovery
AECOM

Village of Ashville Sanitary Sewer Improvements Parts A & B
Total Project Cost: \$33,000,000

THANK YOU AECOM, FIELDS, AND PETERSON

ASHVILLE
Vision Statement