

INSPECTION REPORT

Inspection Date:	October 19, 2023	Inspection Announced: Yes
Time:	Entry: 9:05 a.m.	Exit: 10:30 a.m.
Media:	Water	
Statute (s)/Program(s):	Clean Water Act, National Pollutant Discharge Elimination System (NPDES), Industrial	
Type of inspection:	CEI - Compliance Evaluation Inspection	
Access:	Granted	
Permittee Name:	Village of Bettsville	
Facility or Site Name:	Village of Bettsville WWTP	
Facility/Site Physical Address:	3800 C.R. 62	
(city, state, zip code)	Bettsville, Ohio 44815	
County/Parish:	Seneca	
Permit Number:	OH0058211	

Persons Participating in Inspection:					
Title	Name	Phone	Email	Present at Opening Conference	Present at Closing Conference
Physical Scientist, EPA	Matthew Schulte	(312) 886-2405	schulte.matthew@epa.gov	Yes	Yes
Environmental Engineer	Joseph Forth	(312) 886-7275	forth.joseph@epa.gov	Yes	Yes
Village Administrator	Jon Debrunz	(567) 201-8364	villageofbettsville@yahoo.com	Yes	Yes
Plant Operator	Dave Clark	(419) 937-4124	clarksys@yahoo.com	Yes	Yes
Lead Inspector:					
Matthew Schulte		Schulte, Matthew Digitally signed by Schulte, Matthew Date: 2023.12.21 14:57:15 -06'00'			
		Region 5	schulte.matthew@epa.gov	(312) 886-2405	
Additional Persons Participating in Inspection:					
Joseph Forth		Region 5	forth.joseph@epa.gov	(312) 886-7275	
Supervisor Review:					
Molly Smith		MOLLY SMITH Digitally signed by MOLLY SMITH Date: 2023.12.21 15:07:30 -06'00'			
		Region 5	smith.molly@epa.gov	(312) 353-8773	

SECTION I – INTRODUCTION

Site Entry and Inspection Objectives

Region 5 Lead Inspector, Matthew Schulte, and inspector Joseph Forth arrived at the Bettsville Wastewater Treatment Plant (WWTP) (the “Site” or “Facility”), located at 3800 C.R. 62, Bettsville, Ohio at 9:05 a.m. on October 19, 2023 for an announced inspection. Inspectors presented their credentials to Jon Debrunz and Dave Clark and informed the Facility that this was an EPA Region 5 inspection to investigate elements of the Clean Water Act (CWA) and the National Pollutant Discharge Elimination System (NPDES) permit program. The inspection was conducted under the authority of the CWA NPDES permit program and Section 308 of the CWA. The table above identifies the attendees that participated in the inspection.

This report is based on information supplied by Facility representatives, observations made by the Region 5 inspectors, and records and reports maintained by the permittee and Region 5. These include the following: direct observations made by the Region 5 inspectors, photographs taken by Region 5 inspectors, physical

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evidence collected by Region 5 inspectors, measurements taken by Region 5 inspectors, verbal or written statements made or supplied by Facility representatives (the permittee) during or subsequent to the on-site inspection, and materials, processes, data, photographs, or documents shown, demonstrated, or submitted to the Region 5 inspectors by Facility representatives during or subsequent to the on-site inspection. In addition, information gathered prior to or subsequent to the inspection from a review of U.S. EPA, State, and public records may be included in this report.

Facility/Site Description

Region 5 Lead Inspector confirmed the following Facility information:

The Facility is the WWTP for the Village of Bettsville, and receives wastewater from the Village of Burgoon. Treatment structures at the Facility consists of screening, aeration, clarifiers, digestors, ultraviolet lights, and polishing (air addition). At the time of this inspection, the Facility also had plans to introduce Alum addition into the treatment process, which would begin in the next week. The WWTP is currently under construction to upgrade their treatment structures. Construction is expected to be completed in January 2024.

The WWTP has a single operator that performs all necessary operating tasks. An operator will visit the site on a daily basis, but is not present 24/7. The Facility discharges to Wolf Creek through outfall 001 which is inspected one to two times per year.

SECTION II – OBSERVATIONS

Observations may not be in sequential order.

Unique Identifying No.	Observation	Area of Concern?
MS-OB-001	The Facility has experienced chronic effluent limit exceedances of phosphorous limits, in the NPDES permit, for the past twelve quarters.	Yes
MS-OB-002	The Facility has experienced chronic exceedances of ammonia effluent limits from the NPDES permit for the past twelve quarters.	Yes
MS-OB-003	The Facility is currently in the middle of upgrading their plant to address their effluent exceedances. Current projects are expected to be completed in January 2024 (See photos: 5, 7, and 9).	No
MS-OB-004	The Facility hauls sludge on an annual basis.	Yes
MS-OB-005	In 2020 the Facility relined twelve manholes around the Facility and village to address inflow and infiltration. Three manholes were replaced entirely.	No
MS-OB-006	At the Facility, pH readings are performed by the onsite operator at time of sampling. Times for pH readings are not recorded to verify sampling within a 15 minutes of grab sample.	Yes

SECTION III – RECORDS REVIEW

Records reviewed may not be in sequential order.

No.	Record
MS-RR-001	Current NPDES permit uploaded on Ohio EPA's virtual record site shows the permit expired in 2020. However, a new permit has been issued to the Facility.

SECTION V - AREAS OF CONCERN

The presentation of areas of concern does not constitute a formal compliance determination or violation.

No.	
MS-OB-001	The Facility has experienced chronic exceedances of phosphorous for the past twelve quarters. The Facility must meet the effluent limits contained within Part I, A of its NPDES Permit. For ammonia, this includes the concentration and loading limits.
MS-OB-003	The Facility has experienced chronic exceedances of ammonia for the past twelve quarters. The Facility must meet the effluent limits contained within Part I, A of its NPDES Permit. For ammonia, this includes the concentration and loading limits which differ in summer and winter months.
MS-OB-004	The Facility hauls sludge on an annual basis. The Village of Bettsville has expressed concern over future sludge hauling requirements and the availability of businesses accepting the waste. The Facility has experienced and increase in cost and hauling distance to properly dispose of the waste.
MS-OB-005	The pH readings are performed by the onsite operator at time of sampling. Times for pH readings are not recorded to verify sampling within a 15 minutes of grab sample. Facility must meet all sampling requirements under 40 CFR part 136 which includes pH readings being taken within 15 minutes of grab samples.

SECTION VI – CLOSING CONFERENCE AND FOLLOW UP

Closing Conference

The Lead Inspector held a closing conference with Facility personnel on October 19, 2023, for the inspection. During the closing conference, the Lead Inspector discussed the observations and Areas of Concern identified during the inspection. Observations and Areas of Concern have not yet been evaluated for a formal compliance determination.

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SECTION VII – LIST OF APPENDICES

Appendix 1 – Photo Log [times listed on images are in EST].

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 1	Time: 9:33 a.m.		
Direction Photo Taken:			
Photo Description: Alum addition point for sewage treatment.			
		File: Bettsville_01.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 2	Time: 9:33 a.m.		
Direction Photo Taken: East			
Photo Description: Screening of sewage influent.			
		File: Bettsville_02.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 3	Time: 9:35 a.m.		
Direction Photo Taken:			
Photo Description: Alum holding tank.			
		File: Bettsville_03.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 4	Time: 9:57 a.m.		
Direction Photo Taken: South			
Photo Description: Aeration Basin (east).			
		File: Bettsville_04.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 5	Time: 9:57 a.m.		
Direction Photo Taken: South			
Photo Description: Aeration basin (west).			
		File: Bettsville_05.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 6	Time: 10:00 a.m.		
Direction Photo Taken: Southwest			
Photo Description: Clarifier following aeration basin (east).			
		File: Bettsville_06.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 7	Time: 10:00 a.m.		
Direction Photo Taken: Southwest			
Photo Description: Clarifier basin (west) currently under maintenance.			
		File: Bettsville_07.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 8	Time: 10:07 a.m.		
Direction Photo Taken:			
Photo Description: Digester basin (east).			
		File: Bettsville_08.JPG	

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Date Photograph Was Taken: October 19, 2023			
Photo No.: 9	Time: 10:07 a.m.		
Direction Photo Taken:			
Photo Description: Digester basin (west) currently not operating. Material directed to other digester basin for settling and treatment.			
		File: Bettsville_09.JPG	

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Date Photograph Was Taken: October 19, 2023			
Photo No.: 10	Time: 10:08 a.m.		
Direction Photo Taken:			
Photo Description: UV lights after digester prior to polishing basin.			
		File: Bettsville_10.JPG	

Facility Name & Location: Bettsville WWTP 3800 C.R. 62 Bettsville, Ohio 44815		Photographer: Matthew Schulte	Camera: Olympus Tough TG-6 (S/N #BJ5B21169)
Date Photograph Was Taken: October 19, 2023			
Photo No.: 11	Time: 10:09 a.m.		
Direction Photo Taken:			
Photo Description: Polisher basin adds air to water prior to discharge.			
		File: Bettsville_11.JPG	

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Date Photograph Was Taken: October 19, 2023			
Photo No.: 12	Time: 10:09 a.m.		
Direction Photo Taken:			
Photo Description: Composite sampler prior to discharge to Wolf Creek.			
		File: Bettsville_12.JPG	