



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

DATE: *August 26, 2024*

SUBJECT: CLEAN WATER ACT INSPECTION REPORT
Fohl Village Mobile Home Park – 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

FROM: Jonathan Moody, Environmental Engineer
WECAB, Multimedia Section

THRU: Brooke Furio, Section Supervisor
WECAB, Multimedia Section

BASIC INFORMATION

Facility Name: Fohl Village Mobile Home Park

Facility Type: *Extended aeration treatment plant (privately-owned mobile home park)*

NPDES Permit Number: *OH0117731*

Date of Inspection: May 29, 2024

EPA Inspector(s):

1. Jonathan Moody, Lead Inspector
2. Kevin Hogan, EPA SWDA Inspector

Facility Representative(s):

1. Jennifer Searcy, UMH Properties, Inc. - Water and Sewer Compliance
2. Angela Smith, UMH Properties, Inc. Regional Manager
3. Dave Sloan, ADS PE LLC
4. Spring Becker, UMH Properties, Inc. Community Manager
5. Bill Glick, Operator of Record

Contact Email Address: jyorick@umh.com, jsearcy@umh.com

Owner Contact	Contract Operator	Physical Facility Address
Jeffrey V. Yorick, P.E. Executive Vice President for Engineering UMH Properties, Inc. 150 Clay Street, Suite 410 Morgantown, WV 26501 304-291-3380	Bill Glick, Certified Contract Operator w.glick@aol.com 330-705-8345	Fohl Village Mobile Home Park 2500 Fohl Road S. W., Pike Township, Ohio, Stark County

Inspection Type: *Compliance Evaluation with Sampling*

Facility Notification:

- ☐ Unannounced Inspection
- ☒ Announced Inspection

Arrival Date and Time: 5/2/24 9:30 AM

Departure Date and Time: 5/22/24 12:00 PM

OPENING CONFERENCE

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☒ Provided Small Business Resource Information Sheet
- ☐ Small Business Resource Information Sheet not provided. Reason: N/A
- ☒ Provided CBI notification to facility

The following information was obtained verbally from Bill Glick unless otherwise noted.

Background:

The Fohl Village property is a Manufactured Home Community (MHC) owned by UMH Properties, Inc. The property has approximately 324 lots for manufactured homes. At the time of the inspection, the owner estimated 2.5 individuals per occupied lot, there were approximately 258 occupied lots.

Process Description:

The treatment facility is an extended aeration basin with an equalization tank, rapid sand filters and a UV disinfection system.

This report does not contain Confidential Business Information (CBI).

Staff Interview(s):

Per Bill Glick, the certified operator, the sewer collection system is composed of clay pipe between 8 inch and 12 inch in diameter. The system is gravity to equalization basin at the wastewater treatment plant. There was an Inflow & Infiltration (I&I) study conducted approximately 5 years ago. No lining or rehabilitation projects have been completed since the (I&I) study. Bill is not aware of any constructed overflows in the sewer system, and has not observed any overflows occurring in the collection system. UMH was unable to provide a copy of the I&I study.

A constructed overflow from the equalization basin with a pipe to the same unnamed tributary as the permitted outfall was found and removed approximately one year ago. Since the equalization basin overflow pipe was removed, there have been overflows from the headworks which have been reported to Ohio EPA when they have been observed. UMH was unable to provide copies of these incident reports. Ohio EPA provided a list of dates when the incidents occurred.

FACILITY WALK-THROUGH OCCURRED:

Yes

Data Collected and Observations:

There is a water treatment room for the drinking water system and the swimming pool. The room has a floor drain which drains by gravity to the sewer treatment plant. There was a plastic bulk tank with chlorine for the swimming pool as shown in photos 1 and 2. Leaks from this tank would allow chlorine to flow by gravity to the sewer treatment plant.

At the sewer treatment plant, there is an influent chamber upstream of the equalization basin. This location is shown in photo 3, and is the location of composite sampling for the influent station. Per Bill Glick, this is the location where overflows from the headworks will occur during rainfall. Also per Bill Glick, the overflow will flow to the west in the direction shown in photo 8. The unnamed tributary which receives discharge 001 flows along the west side of the treatment plant.

Two comminutors, shown wrapped in blue tarps in photo 4, were out of service at the time of the inspection.

There are three aeration basins at the treatment plant. During the inspection Bill Glick conducted a settling test. Photos of the start of the settling test are shown in photos 11 through 15. The end of the settling test is shown in photos 33 through 36, and were 35%, 20% and 25% for the west, middle and east basins respectively.

There was growth and corrosion on the weirs in the clarifier which caused uneven flow into the overflow trough as shown in photo 17.

The influent and effluent composite samples are collected using a composite sampler. The composite sampling equipment is owned by Bill Glick and was not onsite at the time of the inspection. Per Bill Glick the composite sampling equipment is programmed to collect samples on a time-based proportion, and the continuous flow meter is not used during the sample collection process.

Two of the six lamps in the UV system were burned out at the time of the inspection. See photo 25.

Photos and/or Videos: were taken during the inspection.

A photolog for the photos taken during the inspection is included in Appendix B.

Field Measurements: were taken during this inspection.

The results of monitoring conducted while in the field are included in Appendix C.

The results of samples collected during the inspection are included in Appendix D.

RECORDS REVIEW

List of Records Reviewed Onsite:

No records were reviewed onsite

Requested documents:

- 5 years of DMRs
- 5 Years of Bench Sheets, lab reports and COCs
- Past 6 months of the onsite log book
- Contract with the contract operator
- Most recent NPDES permit application with attachments
- Current permit
- UV system documentation (Manufacturer and Model number)
- PTI for the UV system, or most recent system upgrades

Documents Received From Facility:

- Five years of Discharge Monitoring Reports,

Beyond the DMRs, EPA did not receive copies of the documents shown in the “Requested Documents” section above. These include, but are not limited to, Copies of the laboratory reports and supporting information for the flow calculation were not provided and could not be reviewed for this report.

CLOSING CONFERENCE

- ☒ Provided U.S. EPA point of contact to the facility.
- ☒ Explained Inspection Report Process
- ☒ Confirm CBI status at end of closing conference. No CBI claimed.
- ☒ Discussed Preliminary Area(s) of Concern

Areas of Concern:

1. **NPDES Permit No. OH0117731 Part III-11. UNAUTHORIZED DISCHARGES**

Per Bill Glick, during rainfall events, the facility experiences overflows from the headworks. The overflows occur at a structure at the facility headworks and flow downslope to the same unnamed tributary where Outfall 001 discharges. Ohio EPA provided a list of events in an email on June 4, 2024.

- a) 1/24/24 to 1/30/24;
- b) 01/09/24 to 01/12/24;
- c) 3/3/23 to 3/5/23;
- d) 5/7/22 to 5/10/22;
- e) 3/23/22 to 3/24/22;
- f) 3/7/22 to 3/9/22;
- g) 2/19/22 to 2/19/22.

UMH did not provide copies of those incident reports.

2. **NPDES Permit No. OH0117731 Part II, F.**

Composite samples shall be comprised of a series of grab samples collected over a 24-hour period and proportionate in volume to the sewage flow rate at the time of sampling. Such samples shall be collected at such times and locations, and in such a fashion, as to be representative of the facility's overall performance.

Per Bill Glick, a 24-hour composite sampler is used to collect the influent and effluent samples. The composite sampler is set to be a time-based composite. The continuous flow meter is not used during the composite sampling activity.

3. NPDES Permit No. OH0117731 Part III, 3. Facility Operation and Quality Control

All wastewater treatment works shall be operated in a manner consistent with the following:

A. At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee necessary to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures...

- a) There was no containment for a bulk tank of chlorine used for the swimming pool. Leaks from the bulk tank would flow by gravity to sewer treatment plant.*
- b) The comminutors and the alarm systems at the equalization basin were not fully functioning at the equalization basin at the time of the inspection.*
- c) Corrosion and growth on the clarifier weirs was causing uneven flow into the overflow trough. Pin flocs were visible in the clarifier and flowing over the weir.*
- d) Two of the six lamps in the UV system were burned out.*

4. NPDES Permit No. OH0117731 Part III-6. Recording of Results

"For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- A. The exact place and date of sampling; (time of sampling not required on EPA 4500)*
- B. The person(s) who performed the sampling or measurements;*
- C. The date the analyses were performed on those samples;*
- D. The person(s) who performed the analyses;*
- E. The analytical techniques or methods used; and*
- F. The results of all analyses and measurements."*

Part III-7. Records Retention

"The permittee shall retain all of the following records for the wastewater treatment works for a minimum of three years except those records that pertain to sewage sludge disposal, use, storage, or treatment, which shall be kept for a minimum of five years, including:

- A. All sampling and analytical records (including internal sampling data not reported);*
- B. All original recordings for any continuous monitoring instrumentation;*
- C. All instrumentation, calibration and maintenance records;*
- D. All plant operation and maintenance records;*
- E. All reports required by this permit; and*
- F. Records of all data used to complete the application for this permit for a period of at least three years, or five years for sewage sludge, from the date of the sample, measurement, report, or application."*

Copies of the laboratory reports, chain of custody, permit application, current NPDES permit, supporting documentation for the UV disinfection system operation, and incident reports, were not provided and could not be reviewed for this report.

Appendices and Attachments

- A. Aerial Image
- B. Digital Image Log
- C. Field Measurement Data
- D. EPA Sampling Results from U.S. EPA Region 5 Laboratory

Attachments

- 1. Transmittal of Sample Analysis Results (Laboratory Reports)

DIGITAL SIGNATURES

Report Author: Jonathan Moody

Report Author Signature: **JONATHAN MOODY**

Digitally signed by
JONATHAN MOODY
Date: 2024.08.26
16:22:38 -04'00'

Section Supervisor: Brooke Furio

Section Supervisor Signature: **BROOKE FURIO**

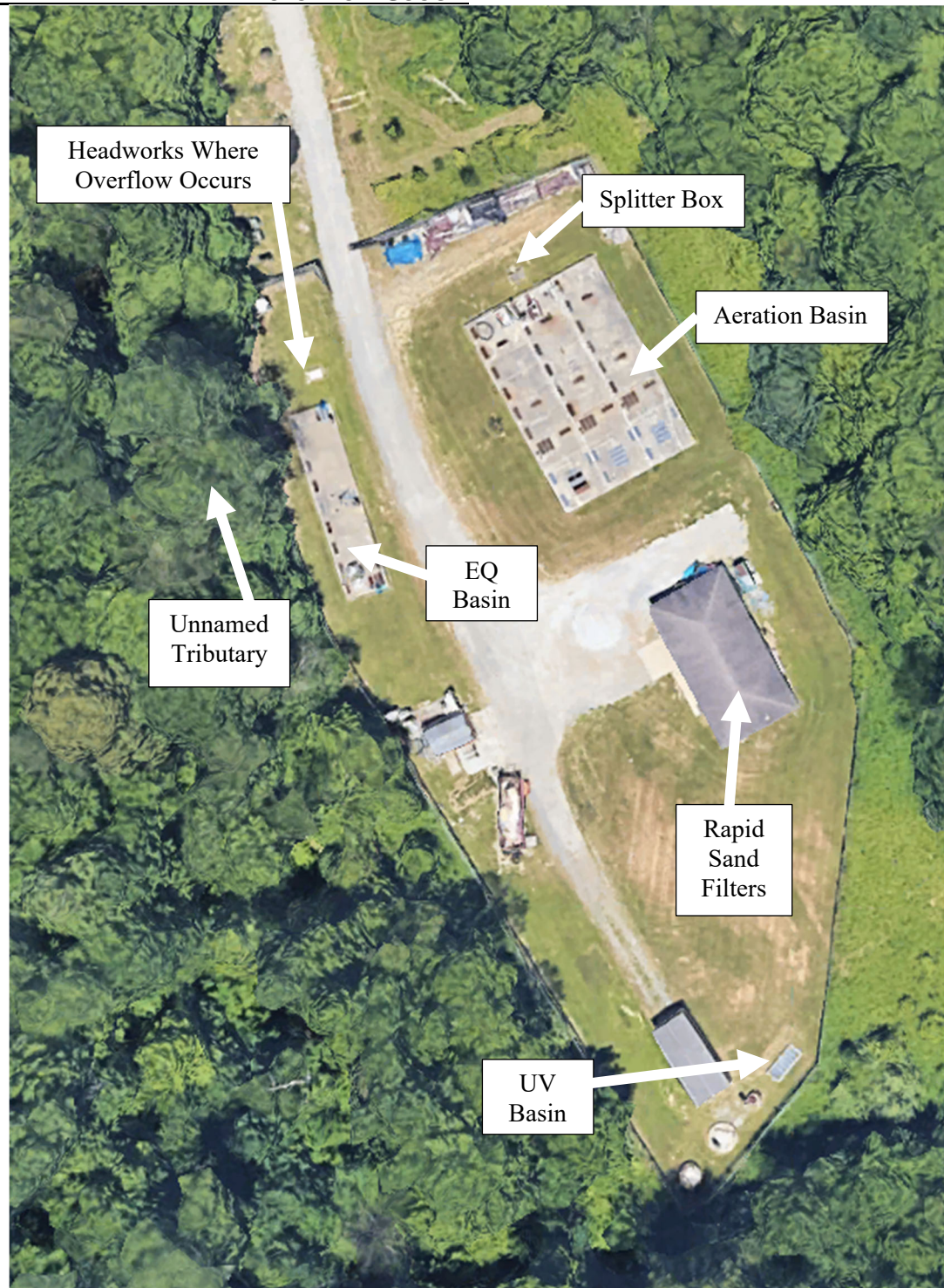
Digitally signed by
BROOKE FURIO
Date: 2024.08.26
17:40:10 -04'00'

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024

APPENDIX A: AERIAL PHOTO FROM GOOGLE



Facility Name: Fohl Village

Facility Location: *2500 Fohl Road S.W., Pike Township, Ohio, Stark County*

Date of Inspection: May 29, 2024

APPENDIX B: PHOTOLOG

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



1: DSCN1980.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:41 PM

Camera Direction: Inside

Description: Inside the water treatment room and pool equipment room. The large white poly tank contains chlorine for the pool. There was a floor drain in this room that was connected to the sanitary sewer.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



2: DSCN1981.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:42 PM

Camera Direction: Inside

Description: Inside the water treatment room and pool equipment room. The large white poly tank contains chlorine for the pool. There was a floor drain (marked with an arrow) in this room that was connected to the sanitary sewer.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



3: DSCN1982.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:42 PM

Camera Direction: Inside

Description: Inside the water treatment room and pool equipment room. The large white poly tank contains chlorine for the pool. There was a floor drain (marked with an arrow) in this room that was connected to the sanitary sewer.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



4: DSCN1983.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:55 PM

Camera Direction: South

Description: At the headworks of the sewer treatment plant. The large concrete structure is an equalization basin and the equipment wrapped in blue tarps are mechanical pumps that were not in service at the time of the inspection.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



5: DSCN1984.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:55 PM

Camera Direction: Down

Description: Headworks of the treatment plant.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



6: DSCN1985.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:56 PM

Camera Direction: North

Description: Headworks at the treatment plant. This is the location where an overflow occurs during rainfall.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



7: [DSCN1986.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:56 PM

Camera Direction: Down

Description: Valving at the treatment plant.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



8: DSCN1987.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:57 PM

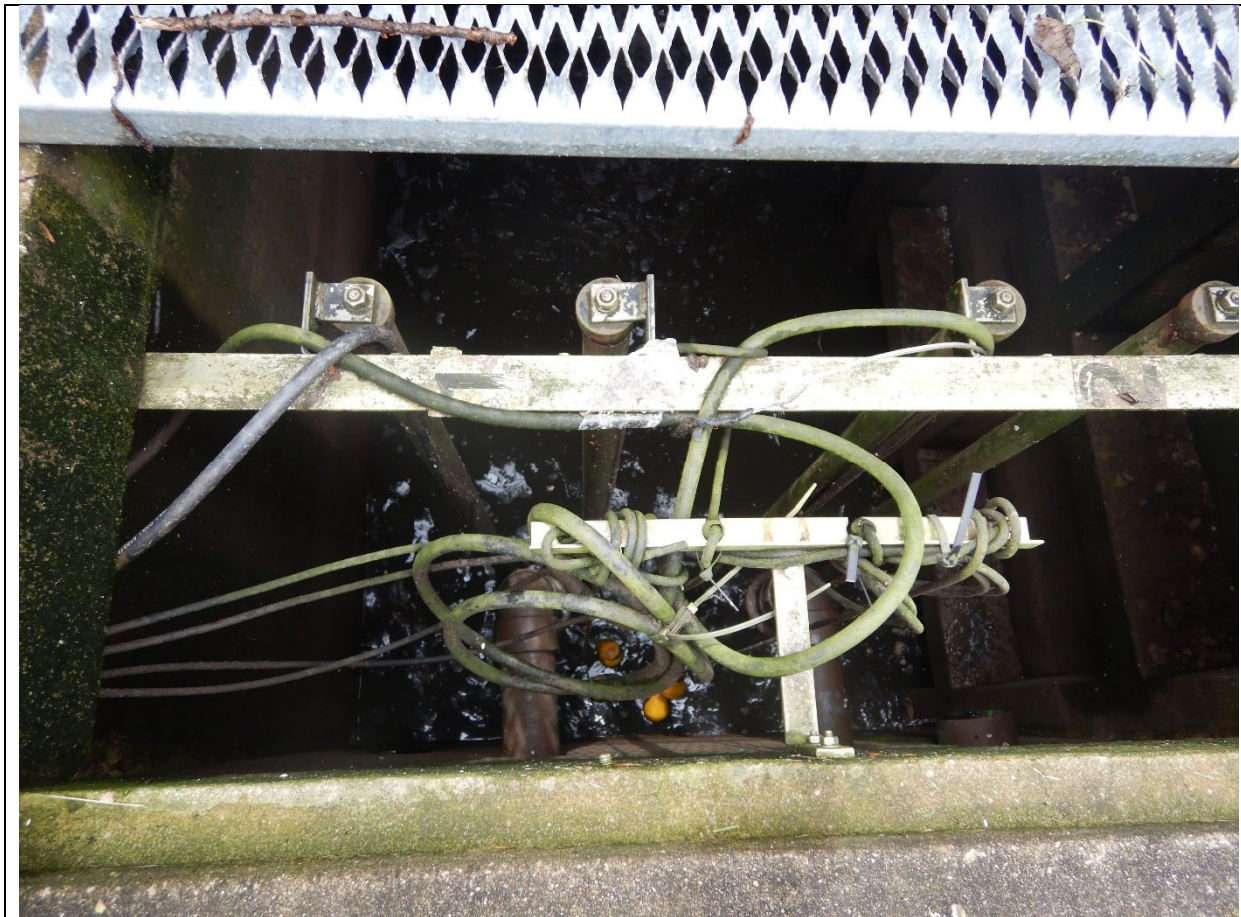
Camera Direction: West

Description: Influent chamber at the sewer plant headworks. This is the location where high flows will overflow the headworks. Per Bill Glick, the operator, the overflow flows away from the camera and toward the receiving stream in the background.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



9: [DSCN1988.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:58 PM

Camera Direction: Down

Description: Effluent pumps from the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



10: DSCN1989.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 2:59 PM

Camera Direction: South

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024

Description: At the headworks of the sewer treatment plant. The large concrete structure is an equalization basin and the equipment wrapped in blue tarps are mechanical pumps that were not in service at the time of the inspection.



11: DSCN1990.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:19 PM

Camera Direction: Down

Description: Start of a settling test from the west aeration basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



12: DSCN1991.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:19 PM

Camera Direction:

Description:

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



13: DSCN1992.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:19 PM

Camera Direction:

Description: Start of a settling test from the middle aeration basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



14: DSCN1993.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:19 PM

Camera Direction: Northwest

Description: Start of a settling test from the middle aeration basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



15: DSCN1994.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:19 PM

Camera Direction: Down

Description: Start of a settling test from the east aeration basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



16: DSCN1995.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:22 PM

Camera Direction: Northeast

Description: Splitter box upstream of the aeration basin. This box receives flow from the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



17: DSCN1996.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:26 PM

Camera Direction: Down

Description: Overflow weir at the clarifier for the west aeration basin. There was growth on the walls of the clarifier. The arrow marks a location where the still water surface indicates lower flow.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



[18: DSCN1997.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:34 PM

Camera Direction: Inside

Description: The rapid sand filter. Backwash from the rapid sand filter goes back to the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



19: DSCN1998.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:34 PM

Camera Direction: Down

Description: The rapid sand filter. Backwash from the rapid sand filter goes back to the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



20: DSCN1999.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:34 PM

Camera Direction:

Description: Mudpit at the rapid sand filters. Backwash is returned to the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



21: DSCN2000.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:35 PM

Camera Direction: Down

Description: The rapid sand filter. Backwash from the rapid sand filter goes back to the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



22: DSCN2001.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:35 PM

Camera Direction: Down

Description: The rapid sand filter. Backwash from the rapid sand filter goes back to the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



23: DSCN2002.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:35 PM

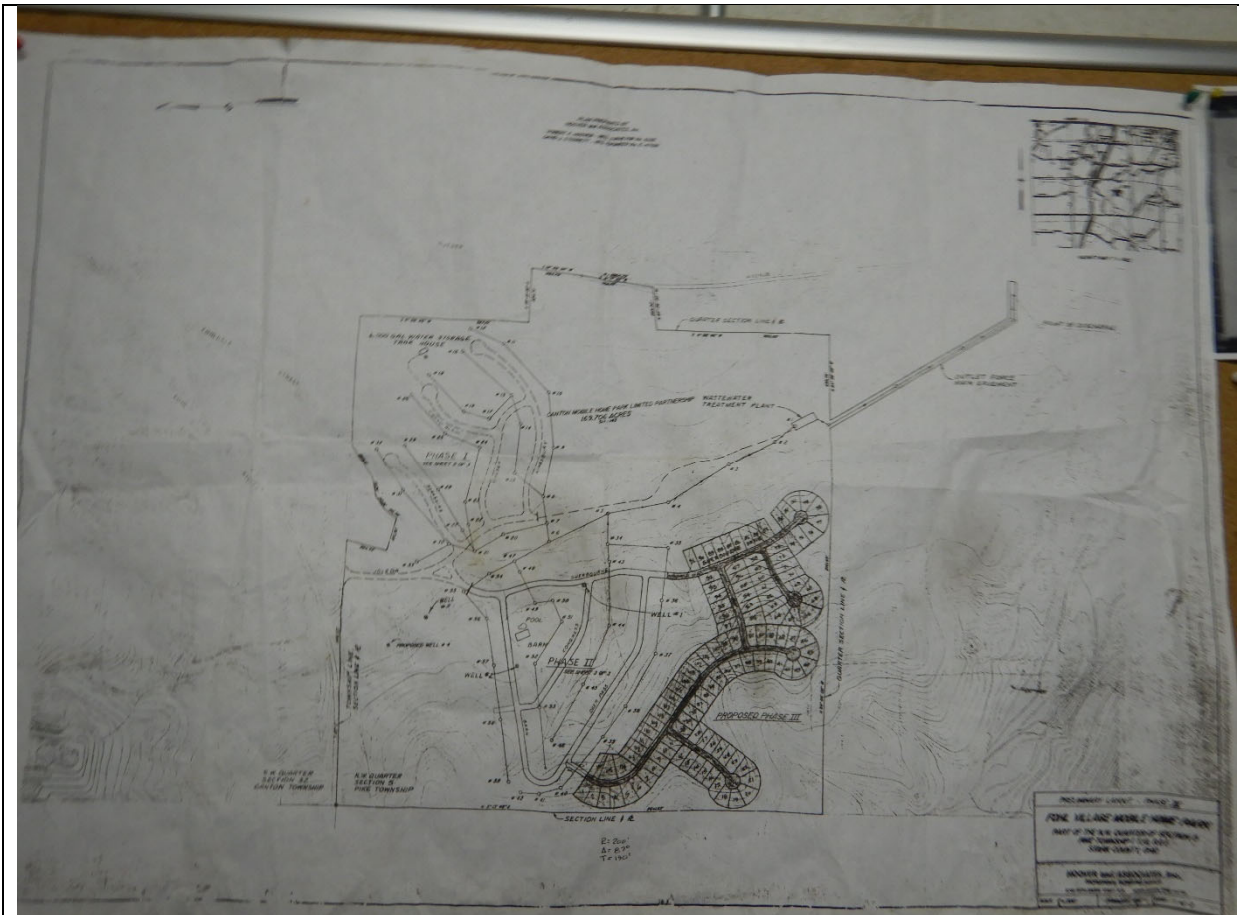
Camera Direction: Down

Description: The rapid sand filter. Backwash from the rapid sand filter goes back to the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



24: DSCN2003.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:37 PM

Camera Direction: Down

Description: Sewer system map.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



25: DSCN2004.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:40 PM

Camera Direction:

Description: UV system. At the time of the inspection two of the six lamps were burned out.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



26: DSCN2005.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:41 PM

Camera Direction: Northeast

Description: UV system, looking at the location where compliance samples are collected at the downstream end of the UV system.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



27: DSCN2006.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:43 PM

Camera Direction: Down

Description: Flow measurement device downstream of the UV system.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



28: DSCN2007.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:44 PM

Camera Direction: Northeast

Description: Flow meter and totalizer for Outfall 001.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



29: [DSCN2008.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:45 PM

Camera Direction: Northwest

Description: Calibration sticker on the flow meter, expiration on July 5, 2024.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



30: DSCN2009.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:45 PM

Camera Direction:

Description: Accidental photo.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



31: DSCN2010.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:46 PM

Camera Direction: Down

Description: Flume and flow meter downstream of the UV system. The readout from this device is shown in photo 28.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



32: DSCN2011.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:47 PM

Camera Direction: Down

Description: Effluent pumps for Outfall 001.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



33: DSCN2012.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:50 PM

Camera Direction: North

Description: West aeration basin, end of the settling test. Result was approximately 35%.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



34: DSCN2013.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:50 PM

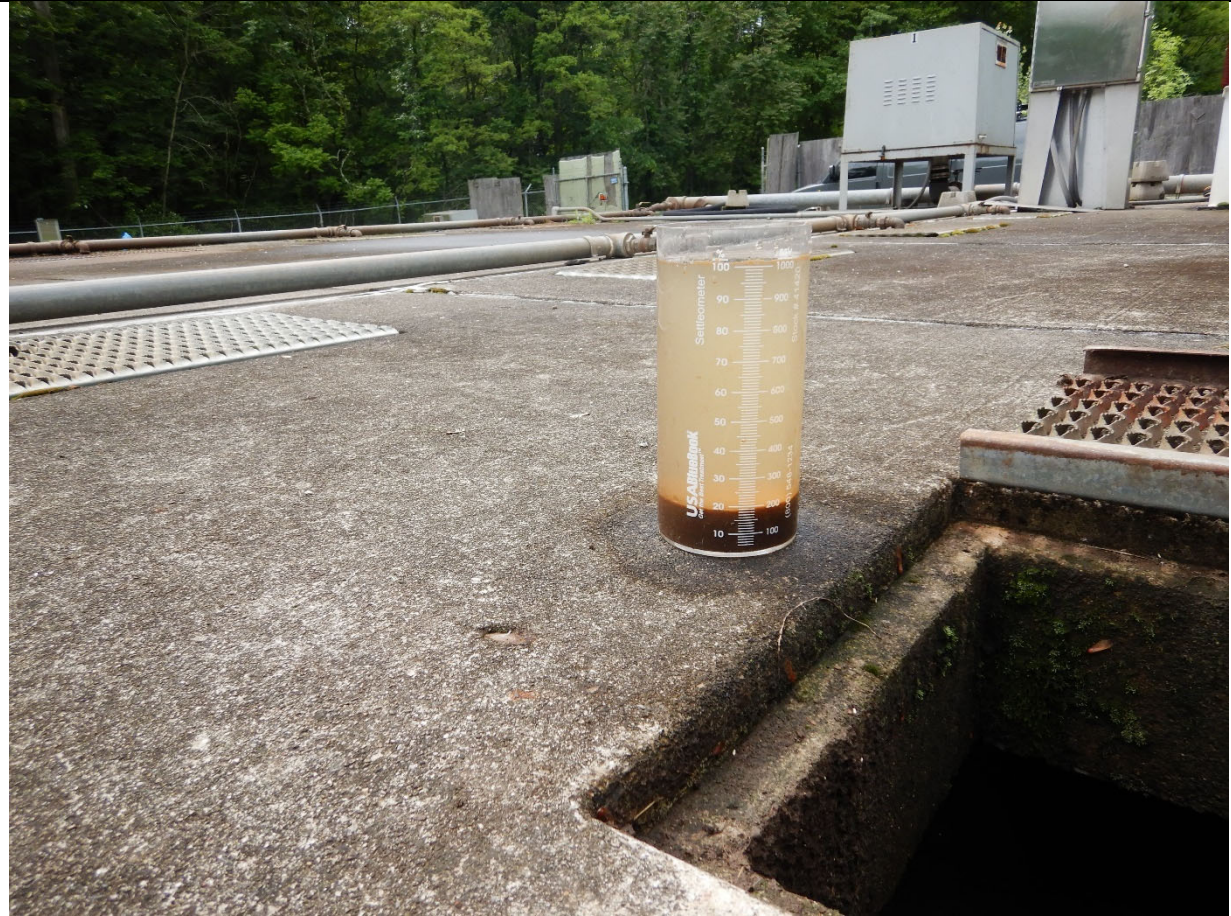
Camera Direction: North

Description: West aeration basin, end of the settling test. Result was approximately 35%.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



35: [DSCN2014.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:51 PM

Camera Direction: North

Description: Middle aeration basin, end of the settling test. Result was approximately 20%.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



36: DSCN2015.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 3:52 PM

Camera Direction: North

Description: East aeration basin, end of the settling test. Result was approximately 25%.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



37: DSCN2016.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:12 PM

Camera Direction: Down

Description: Sample S01, collected from the downstream end of the UV system.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



[38: DSCN2017.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:13 PM

Camera Direction: Down

Description: Sample S01, collected from the downstream end of the UV system.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



39: DSCN2018.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:23 PM

Camera Direction:

Description: Sample S01 and S02 collected from the downstream end of the UV system.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



40: DSCN2019.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:23 PM

Camera Direction: Northeast

Description: Sample S01 and S02 collected from the downstream end of the UV system.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



41: DSCN2020.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:30 PM

Camera Direction: South

Description: Sample S03 taken from the influent box at the plant headworks. This was upstream of the equalization basin.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



42: [DSCN2021.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:49 PM

Camera Direction: South

Description: Upstream monitoring location Outfall 801. At the time of the inspection there was foam in the water at this location. Looking downstream.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



43: [DSCN2022.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:49 PM

Camera Direction: North

Description: Upstream monitoring location Outfall 801. At the time of the inspection there was foam in the water at this location. Looking downstream.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



44: [DSCN2023.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:49 PM

Camera Direction:

Description: Upstream monitoring location Outfall 801. Looking upstream.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



45: DSCN2024.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:50 PM

Camera Direction:

Description: Upstream monitoring location Outfall 801. At the time of the inspection there was foam in the water at this location. Flow is from right to left.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



46: DSCN2025.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:50 PM

Camera Direction: South

Description: Upstream monitoring location Outfall 801. At the time of the inspection there was foam in the water at this location. Looking downstream.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



47: [DSCN2026.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:54 PM

Camera Direction: East

Description: Pipe, possible storm sewer outlet at the upstream monitoring location Outfall 801.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



48: [DSCN2027.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:54 PM

Camera Direction: North

Description: Upstream monitoring location Outfall 801. Looking upstream.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



49: [DSCN2028.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:54 PM

Camera Direction: Northeast

Description: Pipe, possible storm sewer outlet at the upstream monitoring location Outfall 801.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



50: DSCN2029.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 4:59 PM

Camera Direction: North

Description: At the downstream monitoring location Outfall 901.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



[51: DSCN2030.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 5:03 PM

Camera Direction: Northwest

Description: Outfall sign.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



52: [DSCN2031.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 5:03 PM

Camera Direction: West

Description: Looking toward the outlet of the discharge pipe into the receiving stream.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



53: [DSCN2032.JPG](#)

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 7:11 PM

Camera Direction: Down

Description: Samples.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



54: DSCN2033.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 7:13 PM

Camera Direction: Down.

Description: Nutrient samples.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



55: DSCN2034.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 7:16 PM

Camera Direction: Down

Description: CBOD samples.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024



56: DSCN2035.JPG

Location: Fohl Village

Photographer: Jonathan Moody

Date/Time: 5/29/2024 7:18 PM

Camera Direction: Down

Description: TSS samples.

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024

APPENDIX C: FIELD MEASUREMENT DATA AND SAMPLING

Jonathan Moody conducted field monitoring using an In-Situ AquaTroll 600 (AT600), Serial Number 1079129. The AT600 was equipped with a temperature/conductivity sensor, pH sensor, Rugged Dissolved Oxygen (RDO) sensor and a turbidity sensor. The chart below shows the results of the monitoring. The AT600 was calibrated May 28, 2024 using a 3-point pH calibration and the In-Situ "Quick Cal" solution for specific conductivity. The RDO sensor was calibrated using the 100% saturation method on May 29, 2024, just before starting the field monitoring.

<i>Date/Time</i>	<i>Ref. #</i>	<i>Location</i>	<i>Cond (ug/cm)</i>	<i>pH (SU)</i>	<i>RDO (mg/l)</i>	<i>Turbidity (NTU)</i>
5/29/24 16:09	MP-01	Effluent at 001 from compliance sampling location 40.721653, -81.403485	736	7.75	9.48	5.6
5/29/24 16:22	MP-02	Effluent at 001 from flow measurement MH 40.721718, -81.403421	814	7.76	9.05	1.0
5/29/24 16:53	MP-03	Upstream monitoring location Outfall 801 40.724448, -81.405838	865	5.65	9.94	4.4
5/29/24 17:02	MP-04	Downstream monitoring location Outfall 901 40.718388, -81.400758	706	7.31	9.87	1.2

Facility Name: Fohl Village

Facility Location: 2500 Fohl Road S.W., Pike Township, Ohio, Stark County

Date of Inspection: May 29, 2024

APPENDIX D: EPA SAMPLING RESULTS FROM U.S. EPA REGION 7 LABORATORY

Four grab samples were collected during this inspection. These samples were analyzed by the EPA Region 5 Laboratory in Chicago, Illinois. A complete copy of the laboratory report is included in Attachment 1. A summary of the results is shown in the table below:

<i>Date/Time</i>	<i>Ref. #</i>	<i>Location</i>	<i>Total Suspended Solids (TSS) (mg/L)</i>	<i>CBOD (mg/L)</i>	<i>TKN (mg/L)</i>	<i>Nitrate/Nitrite (mg/L)</i>	<i>Ammonia (mg/L)</i>	<i>Total Phos (mg/L)</i>
5/29/24 16:12	2405018-01	Effluent Outfall 001	6	2	ND (0.30)	26.0	ND (0.20)	2.64
5/29/24 16:15	2405018-02	Effluent Outfall 001 Duplicate	ND (5)	2	ND (0.30)	26.5	ND (0.20)	2.65
5/29/24 16:26	2405018-03	Influent	71	80	20.3	0.20	11.7	2.34
5/28/24 10:00	2405018-04	Blank	ND (5)	N/A	ND (0.30)	ND (0.10)	ND (0.20)	ND (0.15)

Facility Name: Fohl Village

Facility Location: *2500 Fohl Road S.W., Pike Township, Ohio, Stark County*

Date of Inspection: May 29, 2024

ATTACHMENT 1 : LABORATORY REPORTS