



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

DATE: *July 10, 2025*

SUBJECT: CLEAN WATER ACT INSPECTION REPORT
Miba Bearings US LLC

FROM: Jonathan Moody, Environmental Engineer
WECAB, Multimedia Section

THRU: Brooke Furio, Section Supervisor
WECAB, Multimedia Section

BASIC INFORMATION

Facility Name: Miba Bearings US LLC

Facility Type: Industrial facility with direct discharge, metal finishing/forming and sewage treatment

Physical Address: 5037 N. SR 60, McConnelsville, Ohio 43756

NPDES Permit Number: OH0048372

Date(s) of Inspection: May 6 and 7, 2025

EPA Inspectors:

1. Jonathan Moody, Lead
2. Tatiana Frontera
3. Gabrielle Giampietro

Facility Representatives:

1. Angie Augenstein, Human Capital Manager
2. Ron Hardesty, Environmental Health & Safety
3. Heidi Suhoski, Former environmental supervisor
4. Robin Brown, Coatings Business Unit

Contact Email Address: angie.augenstein@miba.com

Inspection Type: *Inspection with Field Monitoring*

Facility Notification:

- ☐ Unannounced Inspection
- ☒ Announced Inspection (announced via email on April 30, 2025)

Arrival Time: 8:00 AM Eastern 5/6/2025

Departure Time: 1:00 PM Eastern 5/7/2025

OPENING CONFERENCE

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☐ Provided Small Business Resource Information Sheet
- ☒ Small Business Resource Information Sheet not provided. Reason: uncertain if the current version complies with recent executive orders.
- ☒ Provided Confidential Business Information (CBI) notification to facility

The following information was obtained verbally from Angie Augenstein, Ron Hardesty, and/or Heidi Suhoski, unless otherwise noted.

Company Ownership: *Miba Bearings US LLC*

Background:

The facility is located on the Muskingum River in McConnellsville, Ohio. There are three permitted outfalls into the receiving stream, one for the industrial operations (Outfall 001) and the second is for the onsite sewage treatment plant (Outfall 002). Outfall 001 includes untreated wastewater from the Reverse Osmosis (RO) treatment system, once through cooling water, stormwater runoff, and treated process wastewater through Outfall 601 (internal monitoring station). Some additional stormwater runoff from the facility is conveyed through an outfall owned and operated by Gould's Electronics (OH0135178).

Process Description:

Miba Bearings, LLC (Miba) produces bearings for locomotion and transportation equipment. The facility operation includes presses and machining, electroplating, heat treating, a foundry with spin casters, and a lead and tin liquid metal coating (babbitt) operation.

Per Heidi Suhoski and the walkthrough of the facility, the following wastewater wastestreams are tributary to the wastewater treatment plant and Outfall 601:

- Rinse water from plating operations
- Blowdown water from three scrubbers
- Wastewater from two deburring operations (tumbling)
- Oil and Water separator, with wastewater from floor washing and parts washer
- Wastewater from a small salvaging operation, involving grinding and rework
- Boiler blowdown water
- Water softener regeneration
- Quench water from spin casters in the foundry

Outfall 001 has storm water runoff, RO reject and non-contact cooling water.

At the time of the inspection, some of the Outfall 601 and Outfall 001 wastestreams could not be verified by facility staff during the walkthrough. A current drawing of the process wastewater sewers was requested during the walkaround but was not available.

Staff Interview(s):

The information in this section comes from Ron Hardesty (Wastewater Operator), or Angie Augenstein (Human Capital Manager), unless otherwise stated. Heidi Suhoski was previously responsible for environmental compliance activities, but has moved a different position at the facility. Heidi Suhoski was present for the majority of the inspection and provided relevant information for this report.

The facility has approximately 230 employees, who are present 5 days a week, for 3 shifts a day. Some staff are present on the weekends for overtime and security purposes.

Per Heidi Suhoski, the schematic included as the line drawing in the 2021 National Pollutant Discharge Elimination Systems (NPDES) permit application is a schematic for the old wastewater treatment system, which is no longer in use. The new wastewater treatment system was installed in 2016-2017.

During the inspection, it was identified that oily water from floor cleaning activities and a parts washer is dumped into a sump, shown in Photo 1.

The treatment system for Outfall 601 runs twenty-four hours a day, seven days a week, regardless of staffing. Level measurement located in a dosing tank upstream of the filters, controls flow through wastewater treatment plant. Backwashes on the filters and regeneration on the wastewater treatment system ion exchange system are only performed manually, as needed, at the discretion of the operator.

During the walkaround, Travis Harra, a facility representative responsible for the Babbit unit, shared the babbit process involves melting lead and tin ingot and pouring the melted metal into a spin caster, shown in photo 30. Contact cooling water is sprayed into the caster during the operation, and the excess water is sent to a drain. At the time of the inspection, the location where the drain is connected in the facility's system could not be verified.

EPA asked for additional information about the letter from Miba to Ohio EPA, dated January 17, 2025, which was in response to a Notice of Violation (NOV) from Ohio EPA dated December 16, 2024. The facility representatives provided the following responses:

Regarding the acute toxicity exceedance, Ron Hardesty thought the sample was collected from 001 during a period of snow melt when de-icing salt may have influenced the sample. EPA obtained a copy of the Alloway laboratory report for the December 2023 acute toxicity monitoring.

The facility has been self-reporting zinc, copper and lead exceedances from the facility's NPDES permit. The facility staff were retrained in January 2025 on the facility's NPDES permit. A copy of the training roster, slide deck, and the *"EHS procedure for Electroplating Dept. SOP" Revised 10/31/2013*. Copies were given to EPA during the inspection.

FACILITY WALK-THROUGH OCCURRED:

Yes

Data Collected and Observations:

All times are in Eastern time, unless otherwise stated.

On May 6, 2025, at 8:39 AM EPA observed the oily wash dump (Photo 1), which is where floor wash water and oily parts wash water are dumped into a sump, being pumped to an oil water separator prior to a drain (Photo 41)

At 8:44 AM EPA observed the electroplating chemicals storage area. Some chemical containers were present on spill containment pads, and some were on wood pallets or the ground. There were three drums with PCE labels. Per Robin Brown, coatings business unit manager, those are for used drums waiting to be refilled with waste for disposal. The PCE drums were on a wooden pallet.

At 9:01 AM EPA observed the Pero PCE degreaser system. The system has an internal oil and water separator, which generates a small volume of wastewater that is separated from recovered PCE. The wastewater accumulates inside the Pero unit and is manually transferred to a waste drum using a funnel.

At 9:32 AM EPA observed the water tanks for the Autoplater and Side Arm scrubbers (Photos 25 and 26). Makeup water is added to these tanks constantly and blowdown is discharged to the drain shown in Photo 27. At the time of the inspection, the facility representative said the makeup water flow for tank #1 (Photo 25) was 4 gallons per minute (gpm), and the makeup water flow to tank #2 (Photo 26) was 2 gpm.

At 10:10 AM, in the boiler room, EPA was shown a white PVC pipe that runs through the boiler room. Per the facility representative, this white PVC pipe serves as the drain line to Outfall 001 (Photo 39 and 40). Inside the boiler room, this line collects flow from four separate drains within the building. The specific sources of the four lines could not be identified during the inspection. Photo 39 shows the white PVC pipe and the connecting lines.

The RO system is located in the wastewater treatment building. During the inspection the RO system reject line could not be verified as one of the four lines contributing flow to the white PVC pipe shown in Photos 39 and 40. Outfall 001 is permitted to receive both stormwater runoff and reject water from the RO system.

At 2:30 PM EPA observed the exterior portions of the facility. The facility stores metal tubes or bearing pipes outdoors on racks and wood pallets. This condition is shown in Photos 49 through 99. The dust collector for the foundry is located outdoors and shown in Photo 56. The foundry dust collector particulate is collected in a sealed drum. At the same location there is a second dust collector for a carbon machining operation. The carbon dust collector particulates are collected in an open sack shown in Photo 58, and there was a dark granular material on the pavement near the collector.

There were two large roll-off boxes storing hazardous waste as shown in Photos 62 through 67. One container held wastewater treatment sludges/filter cake (F006) and the other held cadmium (D006) and lead (D008) solids.

There were three other roll-off boxes containing non-hazardous waste as shown in photos 68 through 70 and 99.

There were six totes, marked 'USED ACID', stored outdoors near the southwest corner of the facility. Ron Hardisty said these totes are used to move certain waste acids from the facility to the wastewater treatment building for disposal.

There were two above-ground tanks in containment and one elevated tank along the south edge of the wastewater treatment building. The containments for both tanks were full of water and overflowing. These conditions are documented in photos 67 through 91, The elevated tank had large chips of peeling paint as shown in Photo 92.

According to the facility representatives, the stormwater runoff from the area of the site containing the above-ground storage tanks, the elevated storage tank, and the non-hazardous roll-off boxes is the responsibility of Gould's Electronics.

On the west side of the wastewater treatment building there was a three-sided storage space. There was a gap in the curb on the north end of the storage building (Photo 71). The gap allowed stormwater runoff to pass through the storage space as shown in Photos 72 through 80. Per Ron Hardesty, this storage space held used containers awaiting disposal and some unused equipment.

Wastewater Treatment Building for Outfall 601:

On May 7, 2025, at 8:54 AM EPA conducted an inspection of the wastewater treatment process. There are three 10,000-gallon equalization tanks which run in parallel. The working capacity of the tanks is 28,000 gallons per Ron Hardesty.

There were two pH readout/controllers located at the reaction tanks T4 and T5. The units were Liquidtron DP5000s. Both units had alarm codes which could not be read during the inspection. Both units also had error message "E6". According to the operations manual for those units the E6 code is for Pump A 'LOCKOUT', and pump A is a dosing pump dedicated to acid addition. The pH reading at tank T4 at the time of the inspection was 8.73. Per the wastewater training manual, "WWTP & DI Training Document.docx", provided by the EPS wastewater, "Tank T 4 is dosed with acid to lower the pH to a pH of around 3 to break any surfactants." Ron Hardesty said that he does not keep tank T4 acidic.

Filter cake is collected in a hopper as shown in Photo 103.

At 9:25 AM EPA observed the pH readout/controller located at tank T8. The readout was also displaying an E6 error for Pump A 'LOCKOUT'. The documentation for the Liquidtron DP5000 controller calls Pump A the acid pump. At the time of the inspection the reading pH reading was 8.23. The instruction sheet affixed to tank T8 included a statement "Average pH 7 to 8" (112)

Water from tank T8 is pumped into three multimedia filters which run in parallel. At 9:48 AM EPA observed several pump cycles and determined that the manual pressure gage on the outlet for the multimedia filters was stuck at 10 psi (Photo 114) and did not move even when the inlet pressure gage showed a reading less than 10 psi. Additionally the tap line from the outlet side of the filters to the pressure transducer was closed (Photo 113). Per Ron Hardesty, the auto-backwash functions have been disabled and manual backwash is conducted as needed.

After the multimedia filters water flow through two ion-exchange (IX) units. The IX units are in series. Per Ron Hardesty, the automatic regen function has been disabled and the IX units are regenerated as needed.

Compliance samples for Outfall 601 are collected from tank T11 which is immediately downstream of IX units. Water from tank T11 is pumped to Outfall 001. A Liquidtron DP5000 is used for pH compliance monitoring for pH at Outfall 601. Per Ron Hardesty, the meter is calibrated weekly using a one-point calibration with pH 7 buffer and that the Oil and Grease sample is collected from this location using the pump and tubing on the composite sampler.

At 10:00 AM EPA observed the sample collection line for the composite sampler at tank T11. The line had a sag or low spot where water can collect between sample draws (Photo 119).

At 10:37 AM EPA observed the flow measurement flume for Outfall 001. There was a composite sampler at this location for collecting compliance samples. Per Ron Hardesty, the system is set to collect composites every 15 minutes.

The readout for the pH meter showed a summary of flow volume, pH min, max, excursions and length of excursion for the May 1st through the time of the inspection. The min values for several days were less than permit min value of 6.5, however the length of excursion was zero. For example the summary for May 1st had a minimum pH of 6.314228 and a 0 for the length of excursion. See the screenshot below.

001						
Day	Date	MGD	MAX pH	MIN. pH	pH excur. Low/High	Length of Excur. (min)
1	2025-05-01	0.257903	7.539644	6.314228		0
2	2025-05-02	0.221036	7.535372	6.496246		0
3	2025-05-03	0.231341	7.532808	6.473174		0
4	2025-05-04	0.187653	7.534517	6.462919		0
5	2025-05-05	0.192477	7.536226	6.9671		0
6	2025-05-06	0.1802	7.545627	7.340536		0
7	2025-05-07	0.064481	7.539644	7.342245		0
8						
9						
10						
11						
12						
13						
14						

Per Ron Hardesty there is no pH calibration schedule for the pH meter at 001, but it is verified against a handheld device every week and will be recalibrated as necessary. There is no record of that periodic calibration, and the handheld device used for verification is calibrated with a single point.

At 11:24 AM EPA observed the condition of the overflow weirs at the secondary clarifiers at the sewerage treatment plant. At the time of the inspection there was significant buildup of material on the weir plates and, in the trough, downstream of the weir plates.

At 12:00 PM EPA observed the containment structures around two exterior tanks which were part of the old and unused wastewater treatment facility. The containment structures were flooded and full of water.

Photos and/or Videos: were taken during the inspection.
Photo log is provided in Appendix A.

Field Measurements: were taken during this inspection.
Field measurements are included in Appendix B

RECORDS REVIEW

List of Records Reviewed Onsite:

Onsite EPA reviewed DMRs for 2022 through 2025 during the inspection, Hardcopies and digital copies of selected documents were provided by the facility and are detailed below.

Offsite EPA reviewed a number of documents listed below. Including the WWTP & DI Training Document.docx which was produced by EPS Wastewater. The document includes descriptions of the wastewater treatment equipment and instructions for operation of that equipment.

From Page 5, in the section about the pH management, the manual states: *"Tank T 4 is dosed with acid to lower the pH to a pH of around 3 to break any surfactants."*

From Page 71, in the section about the operation of the multimedia filters:
"The filter will go through a backwash sequence under three conditions. When the backwash button is pressed on the control panel, when the adjustable differential pressure between inlet and outlet is met, and when the accumulated 24 hour run time condition is met...Filters backwash when the differential pressure between inlet and outlet reaches 16PSI"

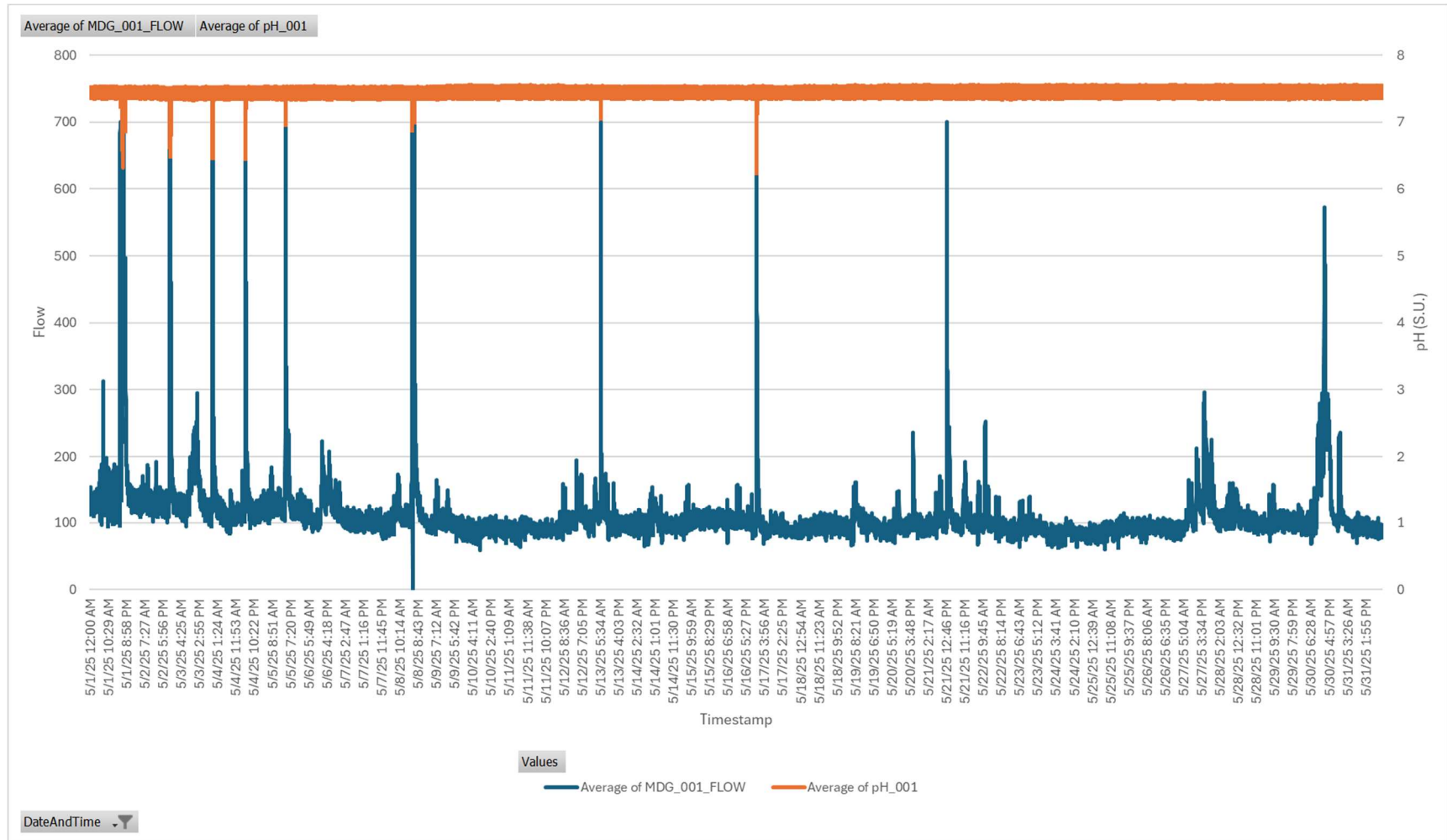
From Page 63 in the section about the operation of tank T8 – At tank T8 *"Average pH 7 to 8"*

From Page 77 in the section about the operation of the Ion Exchange (IX) units the manual states: *" Backwash and/or regeneration is manual backwash when head pressure reaches 40PSI"*

EPA reviewed the continuous pH monitoring data for Outfall 001 for May 2025 for this report. This data was provided by email from Angie Augenstein. The NPDES permit defines the pH

range as 6.5 to 9.0. A measurement is collected each minute for flow and pH. There were 8 measurements below 6.5 and no measurements over 9.0. Each pH excursion was associated with a sharp increase in flow at Outfall 001. Data for Outfall for 601 could not be provided.

Chart of Continuous Measurements at Outfall 001:



Requested documents:

Prior to the inspection, in an email from Jonathan Moody on 4/30/2025, EPA requested a copy of the most recent NPDES permit application. Miba provided a version of the permit application in an email from Angie Augenstein on 5/2/2025.

After the inspection, EPA requested:

1. The wastewater treatment plant (WWTP) operations manuals, both the documents produced by EPA Wastewater and the operations manual produced by Miba personnel.
2. An application for the No Exposure Certification.
3. A complete copy of current the Toxic Organics Management Plan.
4. A signed copy of the NPDES application.
5. Documentation on the operation of the Pero degreaser and a schematic of the Pero degreaser and the internal oil and water separator.
6. Documentation on the continuous pH monitoring equipment on Outfall 001 and the May 2025 data files with the continuous pH monitoring results for Outfalls 001 and 601.
7. Continuous monitoring data for Outfalls 001 and 601 for January 2023 through to the present.

Documents Received From Facility:

Documents received from the facility in hard copy during the inspection

1. Discharge Monitoring Report for January 2024
2. Discharge Monitoring Report for August 2024
3. Sanitary Sewer System, dated 3/6/2020
4. Discharge Monitoring Report for August 2022
5. August 2022 NPDES compliance file, bench sheets and lab reports
6. Non-compliance Notification for the 8/7/2024 e. Coli violation
7. List of chemical additives from the 2021 NPDES permit application
8. Spill Training materials for the 1/27/2025 staff training
9. Report for Acute Biomonitoring for a sample collected 12/5/2023
10. Operator training and contact hours for Ron Hardesty.

Documents received via Email, from Angie Augenstein before and after the inspection

1. Draft copy of the NPDES permit application, Emailed 5/2/2025
2. Documentation from EPS Wastewater for the Programmable Logic Controller (PLC) control and process narrative, Emailed 5/7/2025
3. Wastewater treatment plant manual developed by Miba personnel, Emailed 5/12/2025
4. Wastewater treatment plant manual developed by EPS Wastewater, Retrieved from FTP site 5/15/2025
5. Toxic Organic Management Plant, signed 12/27/2023, Emailed 5/16/2025
6. Signed permit application, signed 6/4/2021, No Exposure Certification application, signed 3/4/2021, Emailed 5/21/2025
7. Continuous monitoring data for Outfall 001 for May 2025.

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. Form 2C for the NPDES Permit No. OH0048372:

- a) *"Section II.B. For each outfall, provide a description of (1) all operations contributing wastewater to the effluent."* The permit application included the following operations tributary to Outfall 601:

- Plating rinse water,
- regeneration waste from DI bldg.,
- Babbitt rinse water,
- boiler blowdown,
- lab,
- filter press reject water, and
- Ion exchange regeneration/backwash

The application in section III. B. states there are no limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation).

The permit application did not include the following wastewater streams:

- Contact cooling water from the quench water used in the foundry for the spin caster,
- Scrubber blowdown for the three scrubbers; autoplater scrubber, side arm scrubber, and aluminum scrubber,
- Wastewater from deburring operations, which can also be called tumbling,
- Salvage operation which includes grinding,
- The oily washwater, oil and water separator and filtration equipment shown in Photos 1 and 41. There were three versions of the NPDES permit application. The version of the application available on the Ohio EPA eDocument site and the signed version provided by Miba for the inspection did not contain this wastestream. A draft unsigned copy of a permit application provided by Miba prior to the inspection did include an "oil/water waste" stream.

- b) *“Section II.A. Attach a line drawing showing the water flow through the facility...”*
Line Drawing is defined in 40 CFR 122.21(g)(2), *“A line drawing of the water flow through the facility with a water balance, showing operations contributing wastewater to the effluent and treatment units... The water balance must show approximate average flows at intake and discharge points and between units, including treatment units...”*

The line drawing included with the permit application is a schematic of the treatment system from the historic and no longer used wastewater treatment system. The line drawing did not include the operations contributing wastewater, nor a water balance.

Sewer drawings for the process wastewater flows leading to Outfalls 001 and 601 were unavailable at the time of the inspection. Some drains could not be verified during the inspection, including those contributing to Outfall 001 from the four drains shown in Photo 39, the quench water systems. The continuous flow measurement at Outfall 001 indicates there is a periodic batch discharge through 001.

- c) Section II.A. “additives.docx”
Miba provided a list of four chemical additives used in the treatment process. The additives list did not include a defoaming agent used at the wastewater treatment system tributary to Outfall 601.

2. No Exposure Certification #0GRN00393

- During the inspection, EPA inspectors observed raw materials stored outside; these materials are unfinished metal tube sections (various photos 49-81).
- Particulate collection systems with material stored in super sacks. Carbon material from the collectors was visible on the ground surrounding the super sacks (photos 57 and 58).
- Hazardous waste roll-off boxes stored outside (potential material handling activity) (photos 62 through 67).
- Uncovered roll off boxes with non-hazardous waste (photos 68-70, 93, 99)
- Flooded containment structures surrounding above ground storage tanks. Per the facility representatives the tanks were unused. However containment around the tanks were full of water. This was at two locations, one south of the wastewater treatment building and the other location at the former wastewater treatment building (Photos 82-91)
- Storage and activity inside a three-sided storage structure which was not storm resistant (photos 71-80)

The NPDES permit issued to Gould's Electronics for the pump and treat operation (OH0135178) does not contain stormwater requirements, as of the writing of this report, Gould's Electronics is not listed in the Ohio EPA general permit for storm water discharges from industrial activity.

3. NPDES Permit No. OH0048372, PART III - GENERAL CONDITIONS, 3. FACILITY OPERATION AND QUALITY CONTROL

"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."

- Several pH control units which control the addition of chemicals into the wastewater treatment plant had error codes for equipment faults.
- Differential pressure gage at the multimedia filters was offline, and backwashes are not performed on the recommended schedule based on time or head loss.
- Discharge side pressure gage on the multimedia filter was not functioning.
- The multimedia filter backwash and IX regeneration schedule are not based on the recommendations in the operations manual.
- Compliance meter for pH monitoring is calibrated with a single pH buffer (pH 7). Calibration does not bracket the measured pH values.
- There was a sag in the intake tube for the composite sampler at Outfall 601. The sag can allow volumes of sample from prior aliquots to remain in the line.
- The Oil & Grease sample is collected from the composite sampler hose at Outfall 601. Oil & Grease samples must be collected directly into the container used for the sample.
- No record of 001 pH calibration, and the equipment used for verification is a single point pH calibration which does not bracket the expected pH range.
- There was growth or material accumulation on the of sewage plant weir.

4. NPDES Permit No. OH0048372, PART II, OTHER REQUIREMENTS R. Total Toxic Organic (TTO) Compliance Options

"The permittee may elect to monitor TTO at outfall OIC00000601 in accordance with subparagraph 1. below or, in lieu thereof, adopt and implement a certified toxic organic management plan (TOMP) and submit certifications in accordance with subparagraph 2. hereof."

At the time of the inspection the facility was storing PCE drums on wooden pallets and not on spill containment pads.

The Toxic Organic Management Plan (TOMP) provided by the facility included several maps with descriptive callouts which were illegible. In the narrative description section on page 3, the TOMP states: *"The closed Pero degreaser evaporates all Tetrachloroethylene from the parts before removal. This keeps all Tetrachloroethylene contained in the closed degreaser."* The Pero system does have a waste PCE stream and a wastewater PCE stream. The wastewater PCE stream is physically removed from the Pero, as needed, and transferred to a waste drum using a funnel. This procedure is not discussed in the TOMP.

- 5. NPDES Permit No. OH0048372, PART I, A. Final Effluent Limitations and Monitoring Requirements Table – Final Outfall – 001- Final d. pH Range Excursions – the pH range for compliance is 6.5 to 9.0. With continuous pH monitoring, a violation is established if an excursion event continuous uninterrupted for more than 60 minutes and/or the total minutes of excursion for a month exceeds 7 hours and 26 minutes.**

EPA reviewed the May 2025 continuous monitoring data for Outfall 001 for this report. The data showed 8 minutes of a pH excursion. Each excursion was associated with a sharp increase in flow. The 8 total minutes of excursion were not reported on the May 2025 DMR. Per Angie Augenstein an email on July 2, 2025, the continuous pH monitoring system was set to report excursions when the pH was outside of 6.0 – 9.0 instead of the current permit range which is 6.5 – 9.0.

- 6. NPDES Permit No. OH0048372, PART III, A. 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:

...

B. All original recordings for any continuous monitoring instrumentation

As of the time of the inspection, the facility was not able to provide records of the continuous pH monitoring data for Outfall 601.

DIGITAL SIGNATURES

Jonathan Moody, Environmental Engineer

Report Author Signature: **Moody,
Jonathan**  Digitally signed by Moody,
Jonathan
Date: 2025.07.10
12:26:21 -04'00'

Brooke Furio, Section Supervisor

Section Supervisor Signature: **BROOKE
FURIO**  Digitally signed by
BROOKE FURIO
Date: 2025.07.10
12:31:55 -04'00'

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025

APPENDICES

- A. Digital Image Log
- B. Field Measurement Data
- C. Table of Effluent Exceedances

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025

APPENDIX A: DIGITAL IMAGE LOG

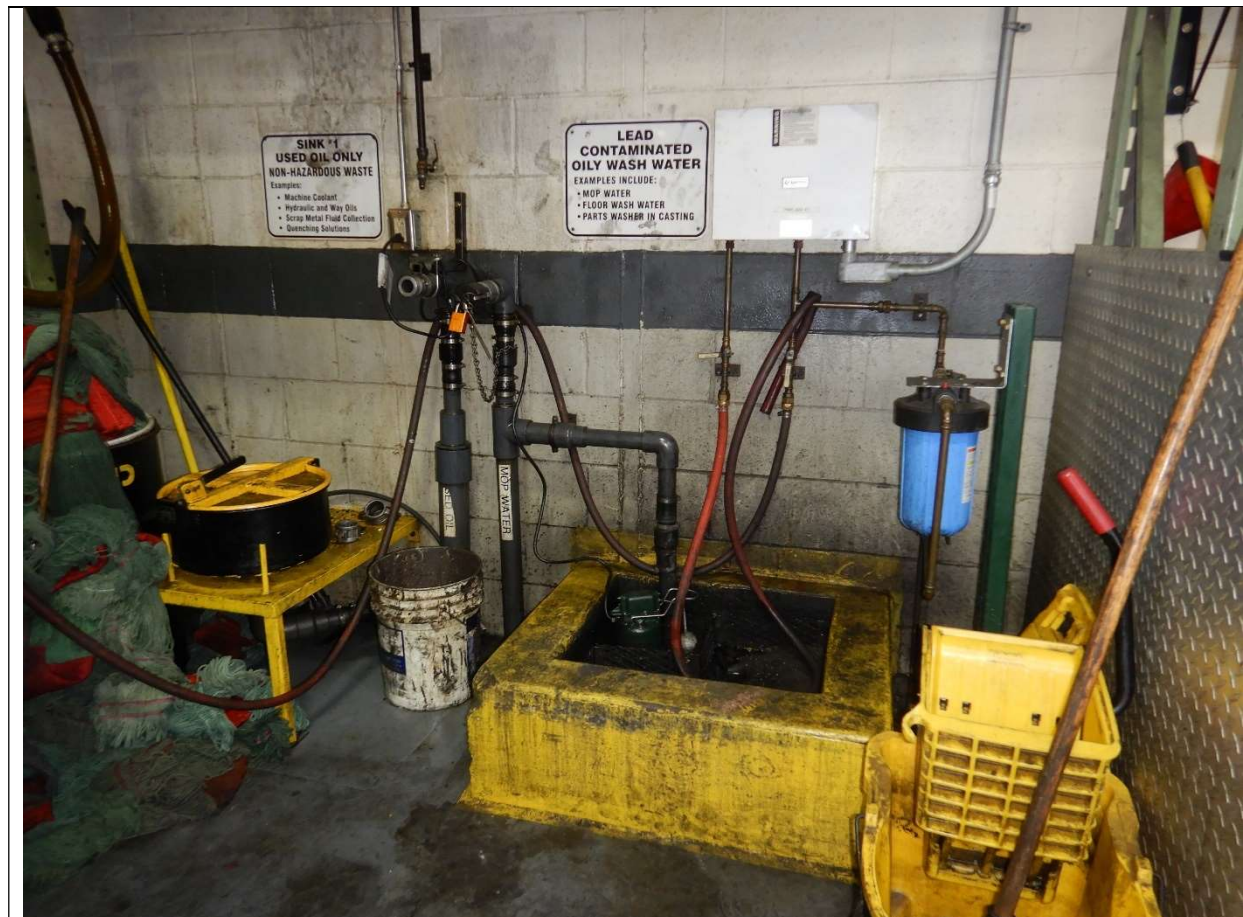
Photographer Name: Jonathan Moody

Camera Model, S/N: Nikon CoolPix W300 S/N:31034420

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



1: DSCN2658.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:39 AM

Camera Direction: Inside

Description: Oily wash water dump. Sign states: "*Lead contaminated oily wash water, Examples include: Mop Water, Floor wash water, parts washer in castings*"



2: DSCN2659.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:43 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Drum storage for Lenium GS and PCE. Per the facility representative, these drums were used drums waiting to be disposed.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

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3: DSCN2660.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:43 AM

Camera Direction: Inside

Description: Label on the blue drums in Photo 2.



4: DSCN2661.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:44 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Drum storage for Lenium GS and PCE. Per the facility representative, these drums were used drums waiting to be disposed.



5: DSCN2662.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:44 AM

Camera Direction: Inside

Description: Label on the black drums shown in Photo 4. Typical of 4 drums in this location.



6: DSCN2663.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:48 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment.



7: DSCN2664.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:48 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

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8: DSCN2665.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:48 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment.



9: DSCN2666.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:48 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment. The label on the tote in the foreground was "*P-77 Plate Solution*"



10: DSCN2667.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:54 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment. The label on the drum in the foreground was "*Dart 312-EXTRA*"



11: DSCN2668.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:55 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment. The tote in this photo was larger than the spill containment, the label on the tote was "*Fluoboric acid, 50%*"

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



12: DSCN2669.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 8:55 AM

Camera Direction: Inside

Description: At the chemical storage area on the first floor. Tote storage for electrochemical operations. Some containers were on spill containment, some containers were on the floor without spill containment. The container under this tote contained liquid and the upper layer of the pad is not part of the containment structure.



13: DSCN2670.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:01 AM

Camera Direction: Inside

Description: At the Pero degreaser (PCE). The black drum is the PCE supply drum, the steel cannister is a carbon drum for the degreaser. The blue drum was a lubricant unrelated to the PCE degreaser.



14: DSCN2671.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:01 AM

Camera Direction: Inside

Description: Drum of PCE supply at the Pero degreaser on spill containment.



15: DSCN2672.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:04 AM

Camera Direction: Inside

Description: Instructions for responding to a spill at the Pero degreaser.



16: DSCN2673.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:04 AM

Camera Direction: Inside, down

Description: Looking inside the Pero degreaser. The rectangular box is wastewater from an oil and water separator which separates water from the reused PCE inside the degreaser. Per the facility representative, this wastewater is physically removed and transferred to a waste drum using a funnel.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



17: DSCN2674.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:04 AM

Camera Direction: Inside

Description: Looking down into the spill containment below the supply drum for the PCE at the Pero degreaser. At the time of the photo there was some liquid material in the spill containment.



18: DSCN2675.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:07 AM

Camera Direction: Inside, Down

Description: looking inside the Pero Degreaser. The rectangular box is wastewater from an oil and water separator which separates water from the reused PCE inside the degreaser cabinet. Per the facility representative, this wastewater was disposed of in the drum shown in Photo 19.



19: DSCN2676.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:09 AM

Camera Direction: Inside

Description: Second PCE drum at the Pero degreaser. Per the facility representative, this was a drum which held used PCE for disposal.



20: DSCN2677.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:09 AM

Camera Direction: Inside, Down

Description: Spill containment beneath the drum shown in Photo 19. At the time of the inspection there was liquid in the containment.



21: DSCN2678.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:10 AM

Camera Direction: Inside, Down

Description: Spill containment beneath the drum shown in Photo 19. At the time of the inspection there was liquid in the containment.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



22: DSCN2679.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:14 AM

Camera Direction: Inside

Description: Looking into the Pero degreaser cabinet.



23: DSCN2680.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:14 AM

Camera Direction: Inside

Description: Looking into the Pero degreaser cabinet.



24: DSCN2681.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:14 AM

Camera Direction: Inside, Down

Description: Looking into the Pero Degreaser cabinet.



25: DSCN2682.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:32 AM

Camera Direction: Inside

Description: Tank #1 for one of the two scrubbers in the electroplating room. Per the facility representative the makeup water flow at this tank was 4 gpm.



26: DSCN2683.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:32 AM

Camera Direction: Inside

Description: Tank #2 for one of the two scrubbers in the electroplating room. Per the facility representative the makeup water flow at this tank was 2 gpm.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



27: DSCN2684.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:33 AM

Camera Direction: Inside, Down

Description: Looking at the drain from the overflow for the scrubber makeup water tanks.



28: DSCN2685.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:36 AM

Camera Direction: Inside

Description: Rinse water drain.



29: DSCN2686.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:39 AM

Camera Direction: Inside

Description: Water tank for the third scrubber system in the babbet room.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



30: DSCN2687.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:46 AM

Camera Direction: Inside

Description: Looking inside the babbit centrifugal castor where water is sprayed during the lead/tin coating or casting process.



31: DSCN2688.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:46 AM

Camera Direction: Inside

Description: Drain for the quench water used on the babbit centrifugal castor.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



32: DSCN2689.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:49 AM

Camera Direction:

Description: Blurry photo



33: DSCN2690.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:50 AM

Camera Direction:

Description: Blurry Photo



34: DSCN2691.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:50 AM

Camera Direction: Inside

Description: Containment around a rinse bath.



35: DSCN2692.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 9:52 AM

Camera Direction: Inside

Description: Overflows and drains from the "can washer".



36: DSCN2693.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:04 AM

Camera Direction: Inside

Description: Sump in the boiler room, the pump was controlled by a float. The termination of the discharge pipe was connected to the white pipe shown in Photo 38 and to Outfall 001.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



37: DSCN2694.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:05 AM

Camera Direction: Inside

Description: Close up of the sump in the boiler room. There was a foam containment around the sump, but the containment was deteriorated and did not appear to be liquid tight.



38: DSCN2695.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:10 AM

Camera Direction: Inside

Description: Inside the boiler room. Per the facility representatives this white PVC pipe was the discharge to Outfall 001 as it leaves the main facility.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



39: DSCN2696.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:17 AM

Camera Direction: Inside

Description: The white PVC header is connected to the white pipe in Photo 38 and outfall 001. Some of these pipes could not be identified during the inspection including the black pipe on the far right.



40: DSCN2697.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:17 AM

Camera Direction: Inside

Description: The white PVC header is connected to the white pipe in Photo 38 and outfall 001. Some of these pipes could not be identified during the inspection including the black pipe on the far right.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



41: DSCN2698.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:27 AM

Camera Direction: Inside

Description: Oil and water separation system for oil waste. This system discharges to the wastewater treatment system tributary to outfall 601.



42: DSCN2699.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:37 AM

Camera Direction: Inside

Description: Inside the foundry, looking at one of the crucibles.



43: DSCN2700.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:37 AM

Camera Direction: Inside

Description: Outside the foundry, there is a water tank designated for quench water used in the spin casters. A sign on the tank indicates that the water is drained weekly. However, an operations representative from the facility mentioned that the tank is actually drained on a monthly basis. They were uncertain about which sewer system receives the drained water.



44: DSCN2701.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:46 AM

Camera Direction: Inside

Description: Looking at the pipe above the quench tank shown in Photo 43. The facility representatives thought there was a cooling unit on the roof and that the water from the quench tank is pumped through that cooling unit.



45: DSCN2702.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:46 AM

Camera Direction: Inside

Description: Piping in the foundry, the quench tank is on the other side of the wall shown in this photo.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



46: DSCN2703.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:46 AM

Camera Direction: Inside

Description: Piping in the foundry, the quench tank is on the other side of the wall shown in this photo.



47: DSCN2704.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 10:48 AM

Camera Direction: Inside

Description: Inside the foundry, looking inside of one of the spin casters. Quench water is sprayed into this unit.



48: DSCN2705.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 11:01 AM

Camera Direction: Inside

Description: Looking inside the sump next to the foundry quench tank, this sump receives the drain from the quench tank.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



[49: DSCN2706.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:45 PM

Camera Direction: North

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



50: DSCN2707.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:45 PM

Camera Direction: South

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[51: DSCN2708.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:45 PM

Camera Direction: South

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[52: DSCN2709.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:45 PM

Camera Direction: Southwest

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



[53: DSCN2710.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:47 PM

Camera Direction: Southeast

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



54: DSCN2711.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:47 PM

Camera Direction: South

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[55: DSCN2712.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:48 PM

Camera Direction: South

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



56: DSCN2713.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:49 PM

Camera Direction: Southeast

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall. In the foreground are hazardous waste containers for a dust collection system.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



57: DSCN2714.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:50 PM

Camera Direction: South

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall. Debris and dust were visible in the foreground. This photo was taken next to the super sack at a dust collector shown in Photo 58.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



58: DSCN2715.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:50 PM

Camera Direction: North

Description: Dust collector for a carbon cutting and tooling operation.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[59: DSCN2716.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:53 PM

Camera Direction: West

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



60: DSCN2717.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:53 PM

Camera Direction: Northeast

Description: Raw metal materials stored onsite, outdoors, exposed to rainfall.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[61: DSCN2718.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:54 PM

Camera Direction: Northwest

Description: Debris on the ground outside the building.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



62: DSCN2719.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:54 PM

Camera Direction: South

Description: Roll off boxes storing hazardous waste.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



63: DSCN2720.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:54 PM

Camera Direction:

Description: Roll off boxes storing hazardous waste.



64: DSCN2721.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:55 PM

Camera Direction: North

Description: Hazardous waste label on one of the roll-off boxes. This is F006, filter cake waste.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



65: DSCN2722.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:55 PM

Camera Direction: North

Description: Hazardous waste label on one of the roll-off boxes. This was D006 and D008.



66: DSCN2723.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:55 PM

Camera Direction: Northeast

Description: Roll-off boxes storing hazardous waste at the facility.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



67: DSCN2724.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:56 PM

Camera Direction: North

Description: Roll-off boxes storing hazardous waste at the facility. There was a stormwater grate near these boxes. The facility representatives said Gould's Electronics was responsible for this storm sewer.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



68: DSCN2725.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:57 PM

Camera Direction: South

Description: Roll-off boxes for non-hazardous waste.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



[69: DSCN2726.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:58 PM

Camera Direction: South

Description: Roll-off boxes for non-hazardous waste.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



70: DSCN2727.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:58 PM

Camera Direction: South

Description: Roll-off boxes for non-hazardous waste.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[71: DSCN2728.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:59 PM

Camera Direction: South

Description: At the north end of a three-sided storage area attached to the wastewater treatment building. Storm water runoff was observed flowing through a gap in the curb surrounding the north side of storage area. The storm water continued to flow through the building and that condition is documented in photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



[72: DSCN2729.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:59 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[73: DSCN2730.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:59 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[74: DSCN2731.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:59 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



75: DSCN2732.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:59 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



76: DSCN2733.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 2:59 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



77: DSCN2734.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:00 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[78: DSCN2735.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:00 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



79: DSCN2736.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:01 PM

Camera Direction: Southeast

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[80: DSCN2737.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:01 PM

Camera Direction: South

Description: Inside the three-sided storage area attached to the wastewater treatment building, stormwater runoff flows through the space. The condition in the storage space is shown in Photos 72 through 80.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[81: DSCN2738.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:02 PM

Camera Direction: South

Description: Material storage and west and south of the wastewater treatment building, and a roll off container with non-hazardous storage.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



82: DSCN2739.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:03 PM

Camera Direction: Southeast

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[83: DSCN2740.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:03 PM

Camera Direction:

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[84: DSCN2741.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:03 PM

Camera Direction: Northeast

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



85: DSCN2742.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:03 PM

Camera Direction: Northeast

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



86: DSCN2743.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:04 PM

Camera Direction: Down

Description: Debris on the ground under an elevated tank south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



87: DSCN2744.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:04 PM

Camera Direction: North

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



88: DSCN2745.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:04 PM

Camera Direction: Southeast

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics. This photo shows a flow out of the containment.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[89: DSCN2746.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:04 PM

Camera Direction: Down, southeast

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics. This photo shows a flow out of the containment.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



90: DSCN2747.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:04 PM

Camera Direction: South

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics. This photo shows a flow out of the containment.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[91: DSCN2748.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:04 PM

Camera Direction: North

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[92: DSCN2749.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:05 PM

Camera Direction: Southeast

Description: Unused tanks and flooded containment south of the wastewater treatment building. Per the facility representatives, these tanks belong to Gould's Electronics.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



93: DSCN2750.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:06 PM

Camera Direction: Northwest

Description: Roll off box with non-hazardous waste.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[94: DSCN2751.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:08 PM

Camera Direction: Northwest

Description: Totes used to move used acid from the facility to the wastewater treatment building. These totes were stored outside at the southwest end of the facility.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



95: DSCN2752.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:11 PM

Camera Direction: West

Description: Looking toward the location where the facility representatives said the stormwater runoff from the facility flows to the river.



96: DSCN2753.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:11 PM

Camera Direction: Southwest

Description: The outfall for the Gould's Electronics facility.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[97: DSCN2754.JPG](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:12 PM

Camera Direction: Southeast

Description: Standing at the far western corner of the facility, looking upstream in a stormwater conveyance collecting water from the facility. The used acid totes shown in Photo 94 are visible on the left-hand side of this photo.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



98: DSCN2755.JPG

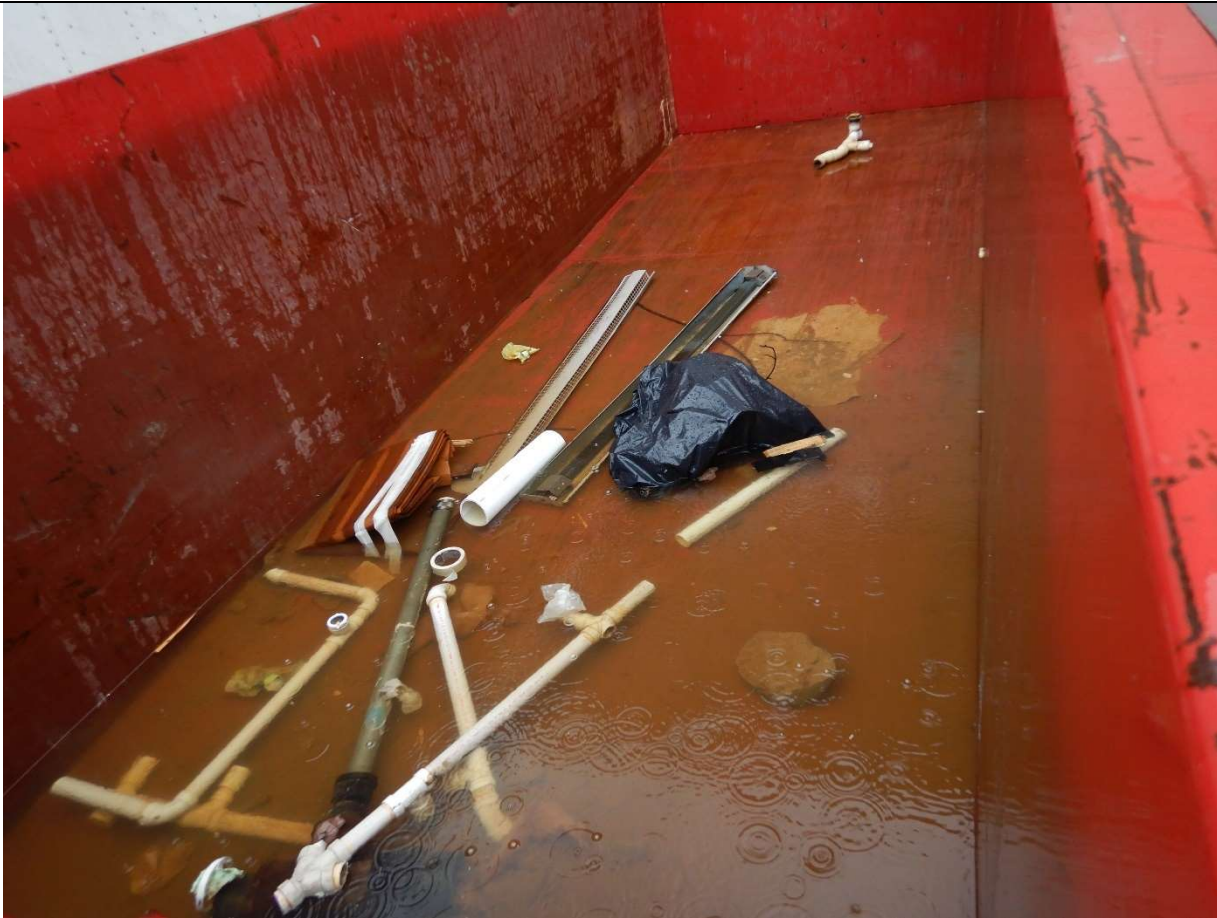
Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:13 PM

Camera Direction: West

Description: Looking toward the location where the facility representatives said the stormwater runoff from the facility flows to the river.



99: DSCN2756.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:16 PM

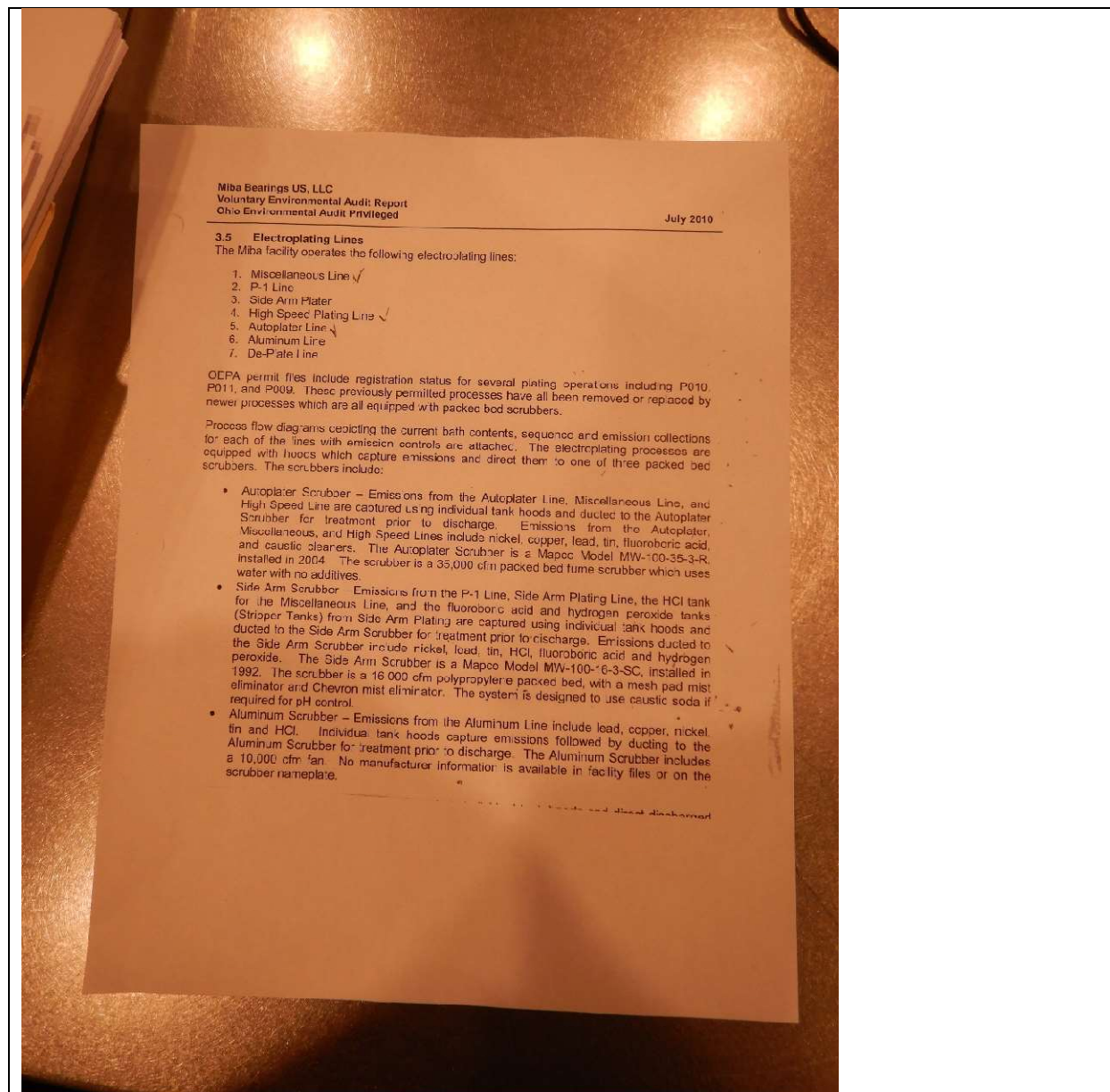
Camera Direction: Southeast

Description: Looking inside the red roll off container at the facility.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



100: DSCN2757.JPG

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/6/2025 3:26 PM

Camera Direction: Inside

Description: Page from a July 2010 Voluntary Environmental Audit Report. This page describes the three scrubbers and their wastestreams.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



101: IMG_0077.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 8:54 AM

Camera Direction: Inside

Description: Inside the wastewater treatment building, looking at the equalization tanks.



102: IMG_0078.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:00 AM

Camera Direction: Inside

Description: Inside the wastewater treatment building, looking at the totes for chemical additives.



103: IMG_0079.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:00 AM

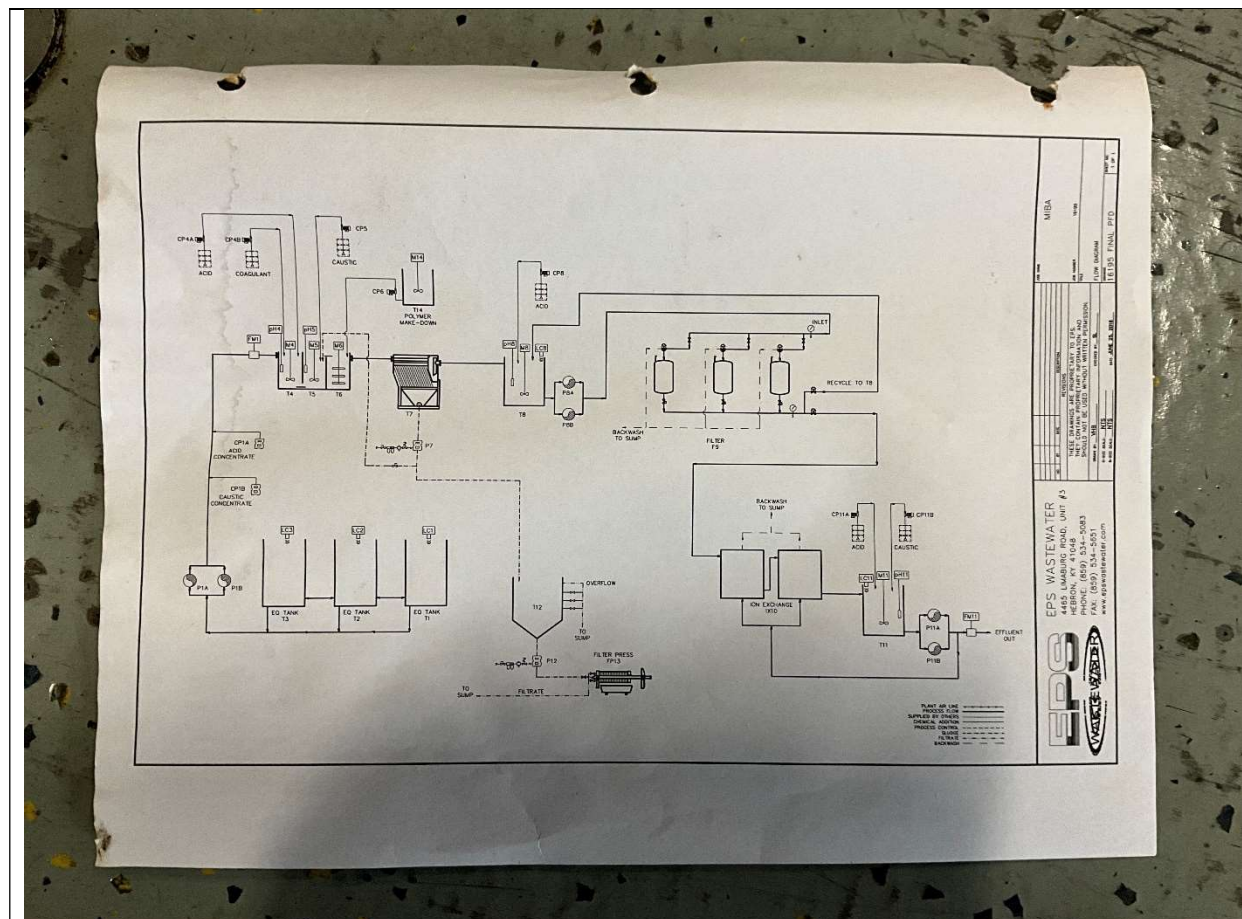
Camera Direction: Inside

Description: Solids handling inside the wastewater treatment building.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



104: IMG_0080.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:05 AM

Camera Direction: Inside

Description: Schematic of the current wastewater treatment process.



105: IMG_0081.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:09 AM

Camera Direction: Inside

Description: Inside the wastewater treatment building, looking at the initial reaction tanks, T4, T5, and T6.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



106: IMG_0082.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:09 AM

Camera Direction: Inside

Description: pH readout and controller for Tank 4. At the time of the inspection the device had an E6 error, and an alarm. The readout showed 8.73.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[107: IMG_0083.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:11 AM

Camera Direction: Inside

Description: The pH readout and controller for the tank T5. At the time of the inspection, the unit had an E6 error and an alarm and the readout showed 'OFF'.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



108: IMG_0084.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:11 AM

Camera Direction: Inside

Description: The pH readout and controller for the tank T5. At the time of the inspection, the unit had an E6 error and an alarm. At the time of this photo, the readout showed 'OFF'.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



109: IMG_0085.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:11 AM

Camera Direction: Inside

Description: The pH readout and controller for the tank T5. At the time of the inspection, the unit had an E6 error and an alarm. At the time of this photo, the readout a pH of 10.19.



110: IMG_0086.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:18 AM

Camera Direction: Inside

Description: Looking at the surface of the inclined plate clarifier (T7).

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025



111: IMG_0087.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:21 AM

Camera Direction: Inside

Description: Instructions for troubleshooting foam formation.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[112: IMG_0088.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:25 AM

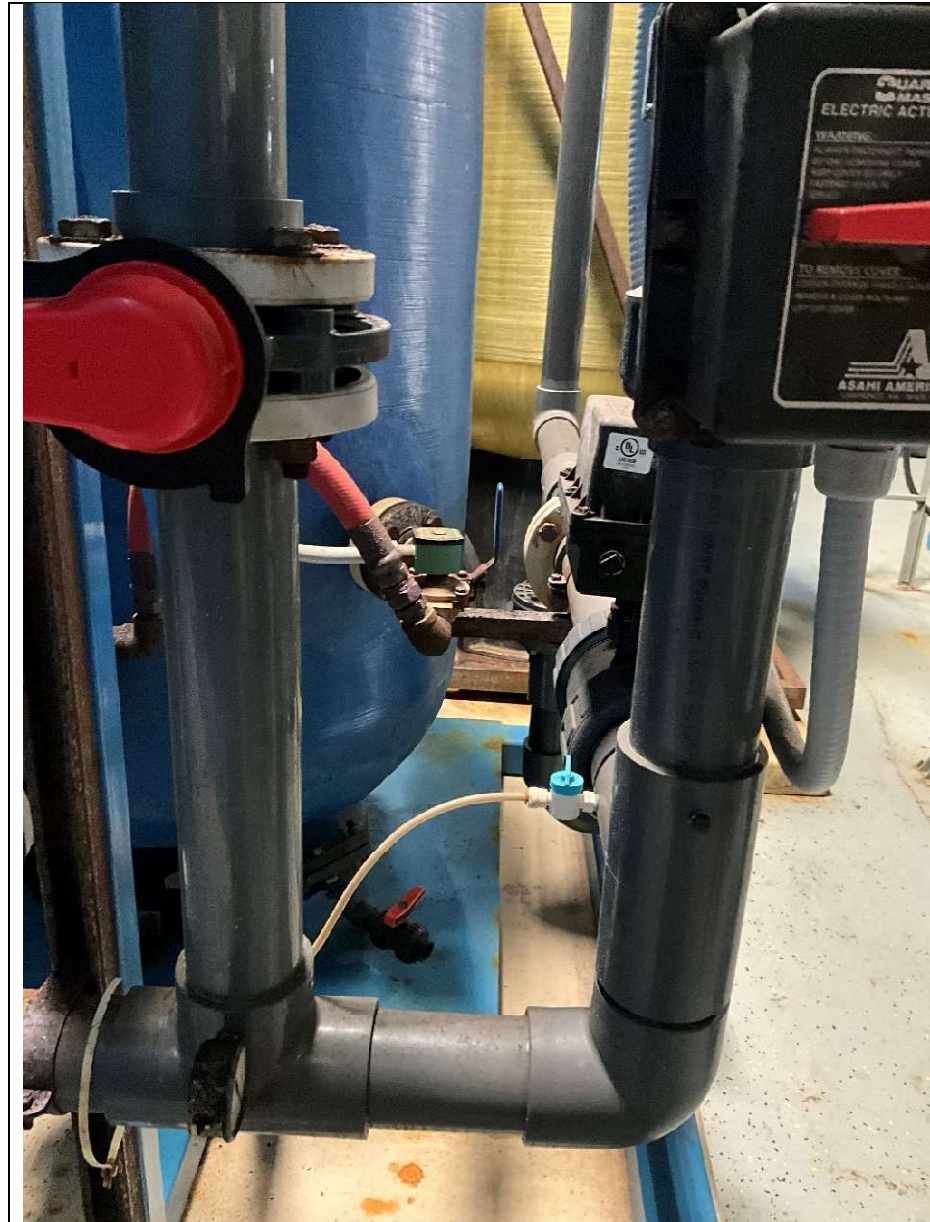
Camera Direction: Inside

Description: At tank T8, at the pH readout and controller for tank T8. At the time of the inspection there was an E6 error. The instruction sheet attached to the tank says "Average pH 7 to 8"

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[113: IMG_0089.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:48 AM

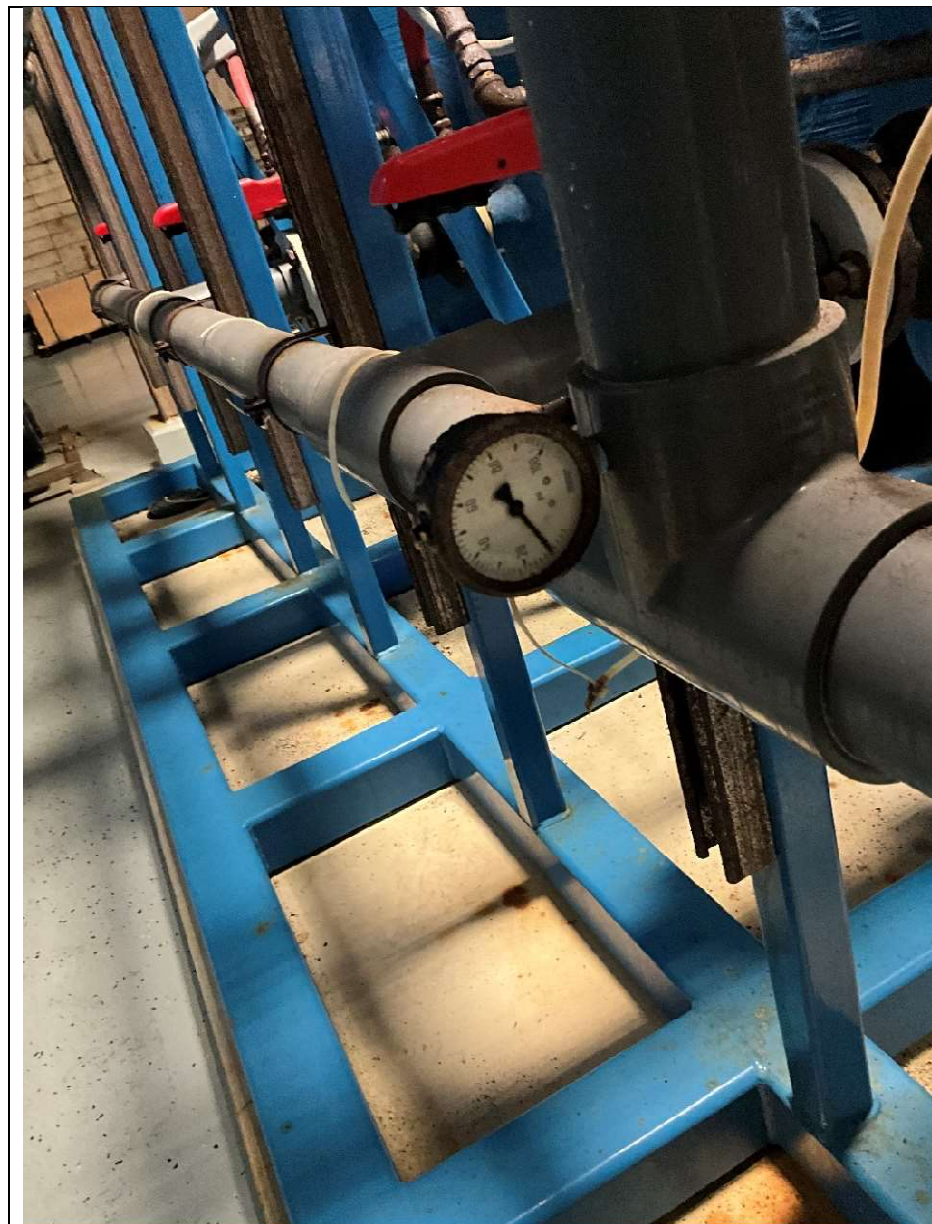
Camera Direction: Inside

Description: At the filters, the blue handle is for a tap for the differential pressure monitoring. At the time of the inspection, the pressure drop across the filters was not being measured by the continuous monitoring equipment, and the valve appeared to be shut.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



114: IMG_0090.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:48 AM

Camera Direction: Inside

Description: Downstream pressure gage at the filters. EPA observed this gage for a pump cycle, and the needle did not move when the pumps feeding the filters cycled.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



115: IMG_0091.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:48 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at the filters, the upstream and downstream pressure gages are visible in this photo.



116: IMG_0092.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:51 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at the softeners.



117: IMG_0093.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:55 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at the tank T11 which holds the treated wastewater prior to the discharge at Outfall 601. The pH readout and controller shown in this photo is the pH measurement for pH compliance purposes. At the time of the inspection the pH was 7.66.



118: IMG_0094.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 9:59 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at the composite sampler for Outfall 601.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[119: IMG_0095.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:00 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at tank T11. The composite sampler is for Outfall 601 sampling. The hose for the compliance sampler was sagged and looped.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[120: IMG_0096.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:06 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at the solids holding tank.



[121: IMG_0097.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:11 AM

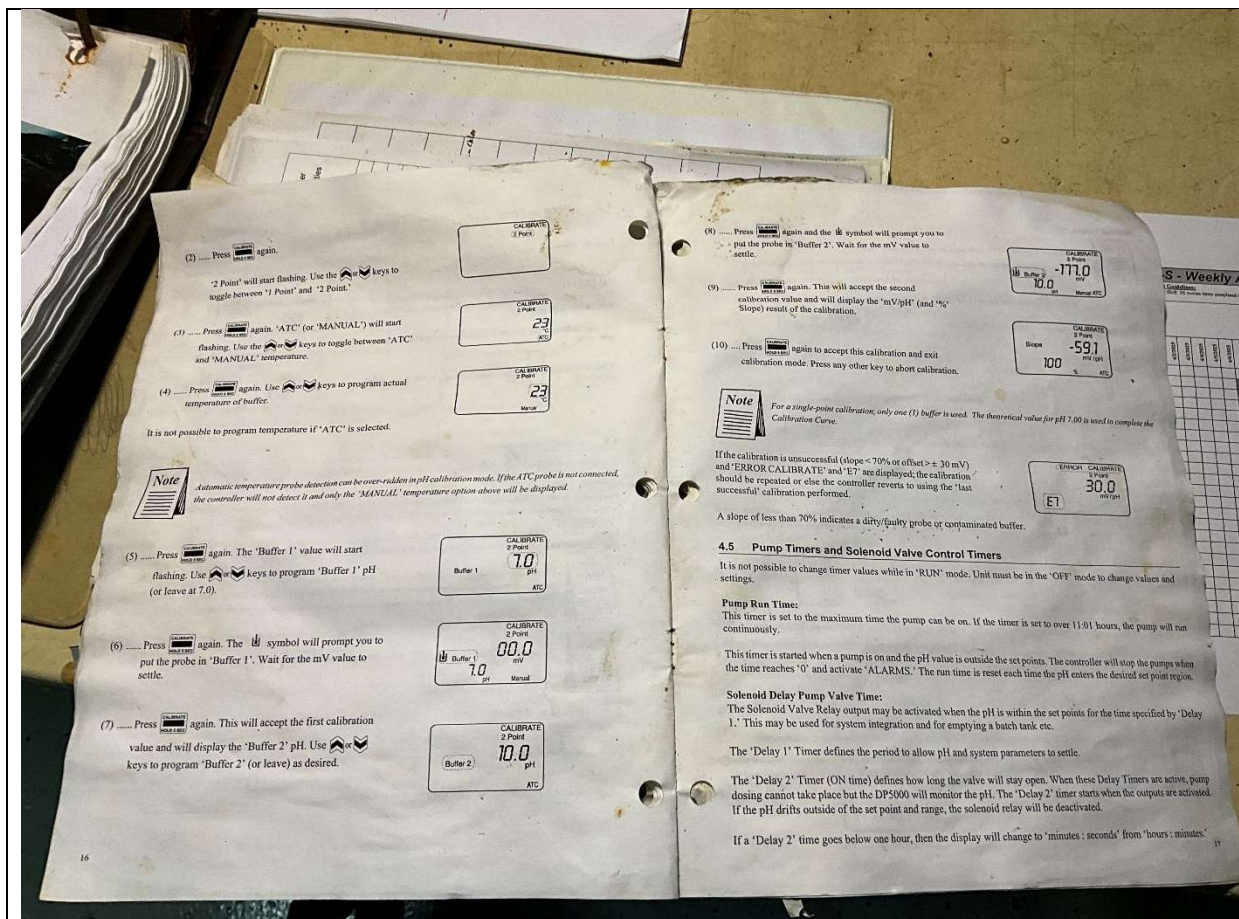
Camera Direction: Inside

Description: In the wastewater treatment building, looking at the chemical storage for the wastewater treatment and hazardous waste storage.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



122: IMG_0098.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:26 AM

Camera Direction: Inside

Description: Page from the manual for the pH monitoring equipment for the compliance monitoring at Outfall 601.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[123: IMG_0099.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:29 AM

Camera Direction: Inside

Description: In the wastewater treatment building, at the location of chemical storage and hazardous waste storage in the wastewater building. Behind the storage totes was a water softener system for water used in the plant.



[124: IMG_0100.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:30 AM

Camera Direction: Inside

Description: In the wastewater treatment building, this device is used for spot checking the pH equipment used in the wastewater treatment equipment. Accumet Portable AP61

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



125: IMG_0101.jpeg

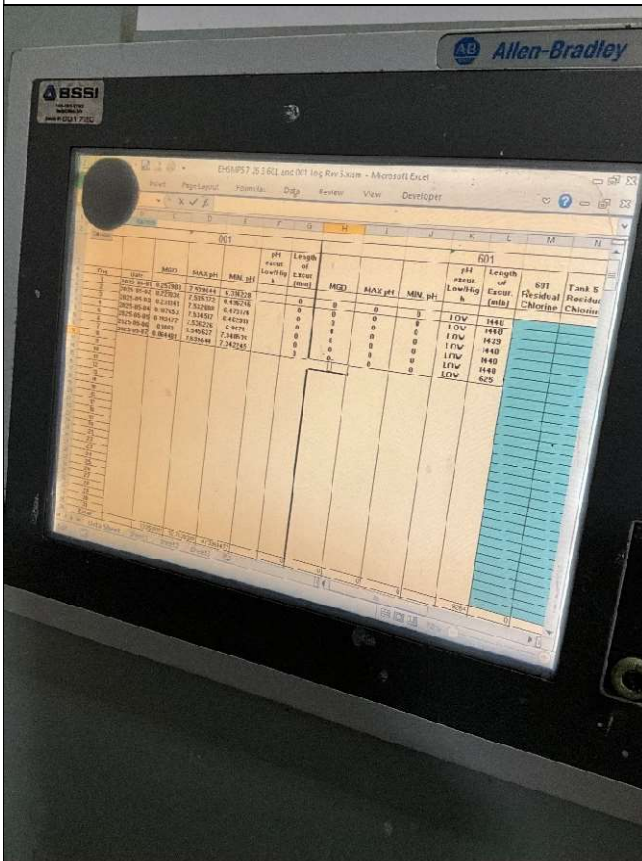
Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:37 AM

Camera Direction: Down

Description: At the location of flow measurement for Outfall 001.



126: IMG_0102.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:37 AM

Camera Direction: Inside

Description: Readout for the pH monitoring at 001. This screen also includes pH monitoring for 601, but that monitoring no longer reports to this system, so the values are zero.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



127: IMG_0103.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 10:57 AM

Camera Direction: South

Description: Standing at the last manhole on the line conveying Outfall 001 to the river. Looking towards the river, the back of the Outfall signage is visible in the distance.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[128: IMG_0104.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:04 AM

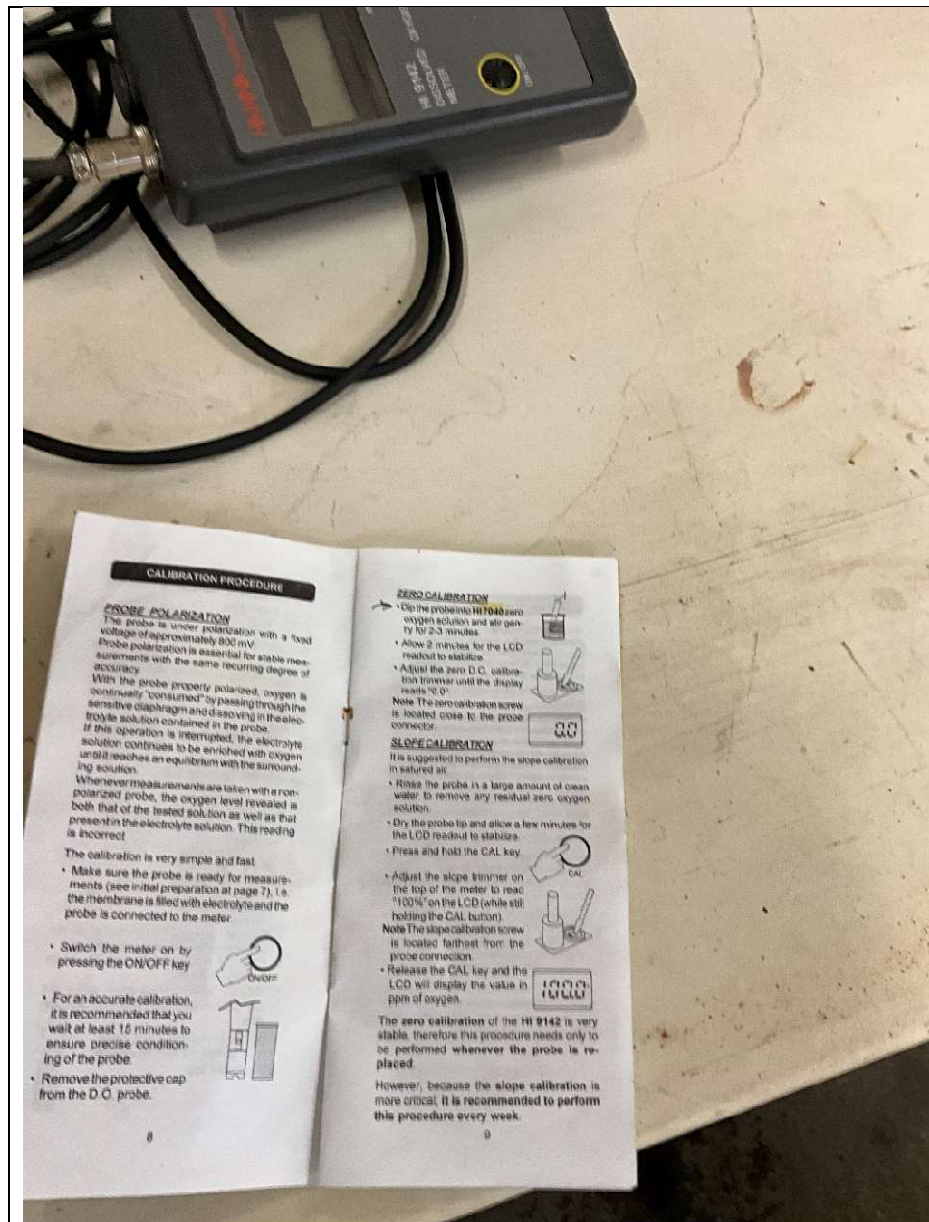
Camera Direction: Down

Description: At the last manhole on the sewer conveying the flow from Outfall 001, this location is downstream from the flow monitoring weir. This was the location of Monitoring Point 01.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



129: IMG_0105.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:12 AM

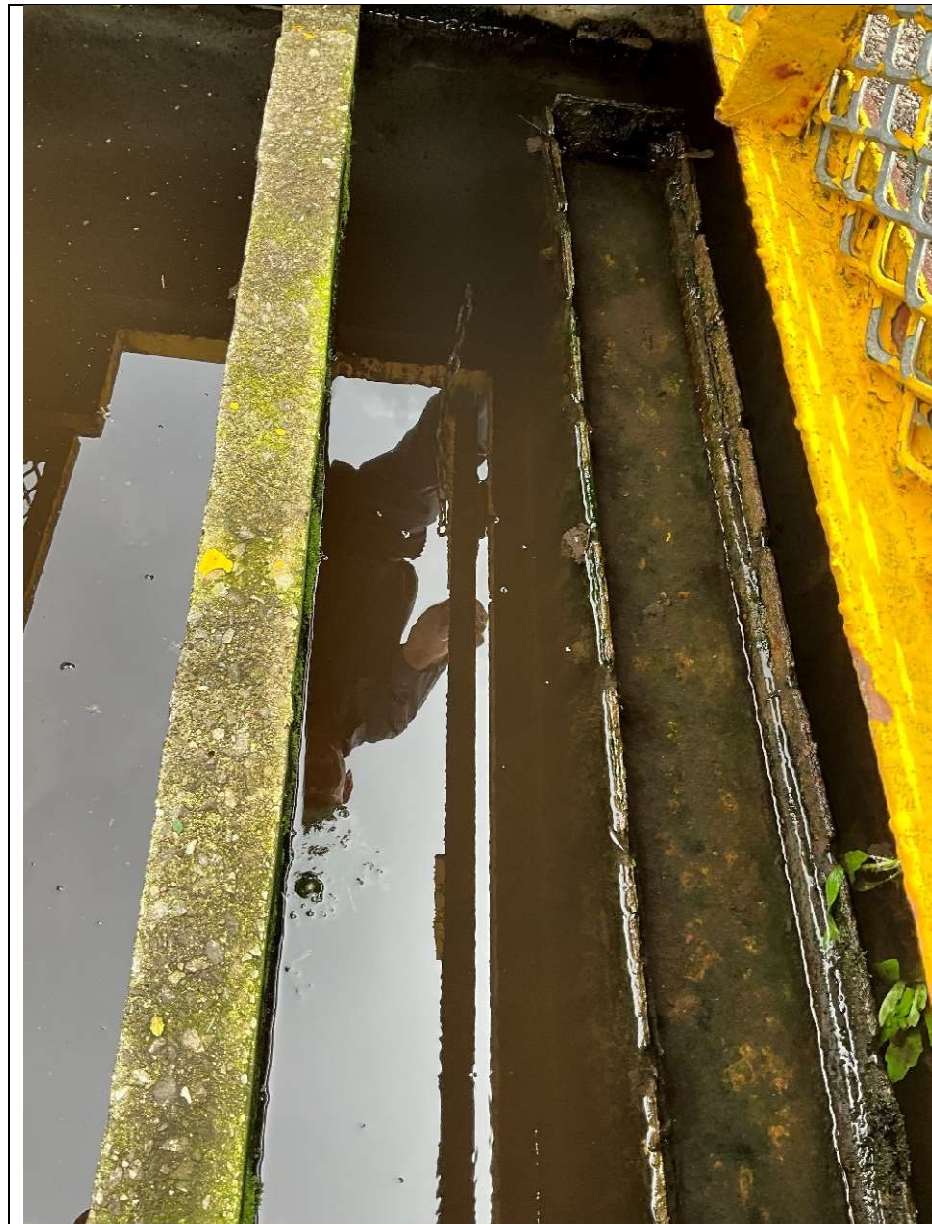
Camera Direction: Inside

Description: Instructions for the dissolved oxygen monitoring equipment. The equipment was the Hanna HI9142.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[130: IMG_0106.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:24 AM

Camera Direction: Inside

Description: Overflow weir at the sewage treatment plant. The had significant growth on the weir plate and inside the trough downstream of the weir plate.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



131: IMG_0107.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:24 AM

Camera Direction: Down

Description: Overflow weir at the sewage treatment plant.



132: IMG_0108.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:28 AM

Camera Direction: Northwest

Description: Readout from the flow totalizer at the sewage treatment plant.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[133: IMG_0109.jpeg](#)

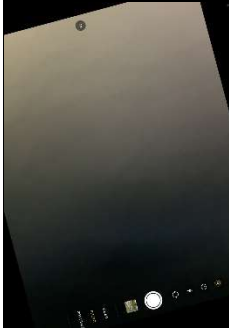
Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:35 AM

Camera Direction: South

Description: Sand filters at the sewage treatment plant.



[134: IMG_0110.png](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time:

Camera Direction: Error

Description: Error

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



135: IMG_0112.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:42 AM

Camera Direction: Southwest

Description: Chlorination tables for the disinfection system.



136: IMG_0113.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:43 AM

Camera Direction: Down

Description: Disinfection system at the sewage treatment system.



137: IMG_0114.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:51 AM

Camera Direction: Southwest

Description: At the location of Outfall 002 into the Muskingum River. The outlet cannot be seen, but the back of the outfall sign is visible.



138: IMG_0115.jpeg

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 11:51 AM

Camera Direction: Northeast

Description: Two drain pipes coming from the facility on the bank of the Muskingum River near the outlet for Outfall 002.

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025



[139: IMG_0116.jpeg](#)

Location: Miba Bearings US LLC

Photographer: Jonathan Moody

Date/Time: 5/7/2025 12:00 PM

Camera Direction: North

Description: Old storage tanks for the former wastewater treatment system. The containment for those tanks was flooded with water.

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025

APPENDIX B: FIELD MEASUREMENT DATA

Dates and times used in this appendix are in the timezone local to the inspection site.

Jonathan Moody conducted field monitoring using an In-Situ AquaTROLL 600 (AT600) S/N 1079129. The AT600 was equipped with a temperature/conductivity sensor, pH/ORP sensor, Rugged Dissolved Oxygen (RDO) sensor and a turbidity sensor. Table 1 summarizes the methods used by the AT600 sensors.

Table 2 below shows the summary of the monitoring. The AT600 was calibrated on May 1, 2025, at 2:00 PM using a 3-point pH calibration with pH 4, 7, and 10 buffers. These calibrations were performed in the Region 5 office in Westlake, Ohio. The RDO sensor was calibrated using the 100% saturation method on May 7, 2025, onsite at the facility and prior to monitoring on that day. The turbidity and temperature sensors both have a factory calibration. Calibration information is documented in the field notebook for this compliance inspection and in the Calibration Report generated by the VuSitu App and appended to the end of this appendix.

A sensor verification was conducted on the pH sensor on May 5, 2025, at 5:30 PM. The summary of the verification is included in Table 4. Table 3 summarizes the sensor verification results.

Table 1 – AT600 Sensors and Methods			
Parameter	Sensor	Units	Method
pH	pH/ORP	SU	SM 4500-H+/EPA 150.2
ORP	pH/ORP	mV	SM 2580
Specific Conductance	Conductivity/ Temperature	uS/cm	SM 2510/EPA 120.1 +/- 1,400 mV
Temperature	Conductivity/ Temperature	Celsius	EPA 170.1
Dissolved Oxygen	RDO	mg/L	EPA-approved In-Situ Methods: 1002-8-2009, 1003-8-2009, 1004-8-2009 Compliant with ASTM D888-18 Method C and ISO 17289 methods
Turbidity	Turbidity	NTU-eq	ISO 7027

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025

Table 2: Summary of Field Monitoring

<i>Date/Time</i>	<i>Ref. #</i>	<i>Location</i>	<i>Sp. Cond. (uS/cm)</i>	<i>pH (SU)</i>	<i>RDO (mg/l)</i>	<i>Turbidity (NTU)</i>
5/7/2025 11:02 AM	MP-01	At the last manhole on the sewer line conveying the discharge from Outfall 001.	957.4	7.54	8.73	0
5/7/2025 11:47 AM	MP-02	At the compliance monitoring location for Outfall 002, at the sewage treatment facility	1,422.2	7.06	8.14	1.7

Table 3: pH Sensor Verification Check				
Date/Time	Post-Inspection pH	Verification Buffer	Pre-Inspection pH ¹	Difference ²
5/7/2025 5:30 PM	4.44	pH 4.00 buffer verification check	4.00	0.44
5/7/2025 5:30 PM	7.50	pH 7.00 buffer verification check	7.00	0.50
5/7/2025 5:30 PM	10.53	pH 10.00 buffer verification check	10.00	0.53

1. Pre-inspection pH is the post calibration pH from the pre-inspection calibration report.

2. Difference between pre-inspection and post-inspection values

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025

Calibration Report

Instrument Aqua TROLL 600 Vented
Serial Number 1079129
Created 5/7/2025

Sensor	Conductivity
Serial Number	1078227
Last Calibrated	3/27/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	1.01
Offset	0.00 $\mu\text{S}/\text{cm}$
Reference Temperature	25.00 $^{\circ}\text{C}$

Calibration Point 1

Pre Measurement

Actual Conductivity	7,336.9 $\mu\text{S}/\text{cm}$
Specific Conductivity	7,987.8 $\mu\text{S}/\text{cm}$

Post Measurement

Actual Conductivity	7,348.1 $\mu\text{S}/\text{cm}$
Specific Conductivity	8,000.0 $\mu\text{S}/\text{cm}$

Sensor	Turbidity
Serial Number	1010219
Last Calibrated	Factory Defaults

Sensor	RDO
Serial Number	1068110
Last Calibrated	5/7/2025

Calibration Details

Slope	1.0776142
Offset	-0.00 mg/L

Calibration point 100%

Concentration	7.77 mg/L
Pre Measurement	100.00 %Sat
Post Measurement	100.00 %Sat
Temperature	23.23 $^{\circ}\text{C}$
Barometric Pressure	993.72 mbar

Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnellsville, Ohio

Date of Inspection: May 6 and 7, 2025

Sensor	pH/ORP
Serial Number	1039130
Last Calibrated	5/1/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	146.5 mV
Temperature	22.88 °C

Pre Measurement

pH	4.02 pH
pH mV	146.5 mV

Post Measurement

pH	4.00 pH
pH mV	145.4 mV

Calibration Point 2

pH of Buffer	7.00 pH
pH mV	-28.8 mV
Temperature	22.84 °C

Pre Measurement

pH	7.07 pH
pH mV	-28.7 mV

Post Measurement

pH	7.00 pH
pH mV	-28.6 mV

Calibration Point 3

pH of Buffer	10.00 pH
pH mV	-189.4 mV
Temperature	22.83 °C

Pre Measurement

pH	10.12 pH
pH mV	-193.1 mV

Post Measurement

pH	10.00 pH
pH mV	-188.1 mV

Slope and Offset 1

Slope	-58.41 mV/pH
Offset	-28.8 mV

Slope and Offset 2

Slope	-53.56 mV/pH
Offset	-28.8 mV

ORP

ORP Solution	Quick Cal
Offset	58.3 mV
Temperature	20.73 °C
Pre Measurement	237.7 mV
Post Measurement	230.0 mV

Facility Name: *Miba Bearings US LLC*

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025

Sensor	Barometric Pressure
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Serial Number	1079129
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Last Calibrated	Factory Defaults
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Sensor	Pressure
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Serial Number	1075766
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Last Calibrated	Factory Defaults
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Facility Name: Miba Bearings US LLC

Facility Location: 5037 N. SR 60, McConnelsville, Ohio

Date of Inspection: May 6 and 7, 2025

APPENDIX D: TABLE OF EFFLUENT EXCEEDANCES

FOR THE PERIOD JANUARY 1, 2020 TO MAY 31, 2025

Monitoring Period Date	Outfall	Parameter Description	Statistical Base Type	DMR Value	DMR Value Unit	Limit	% Exceedance	Days with Exceedances
4/30/2020	001-A	Copper, total recoverable	DAILY MX	0.139	mg/L	0.065	114	
4/30/2020	001-A	Copper, total recoverable	DAILY MX	0.107	kg/d	0.0788	36	1
7/31/2021	601-A	Lead, total recoverable	MO AVG	0.567	mg/L	0.43	32	31
12/31/2021	001-A	Toxicity, ceriodaphnia acute	DAILY MX	1.1	tox acute	1	10	1
12/31/2021	002-A	BOD, carbonaceous, 05 day, 20 C	MO AVG	11	mg/L	10	10	31
6/30/2022	002-A	Zinc, total recoverable	DAILY MX	0.714	mg/L	0.53	35	1
12/31/2022	002-A	Zinc, total recoverable	DAILY MX	1.088	mg/L	0.53	105	1
8/31/2023	001-A	Copper, total recoverable	DAILY MX	0.083	kg/d	0.0788	5	1
12/31/2023	001-A	Toxicity, ceriodaphnia acute	DAILY MX	1.2	tox acute	1	20	1
2/29/2024	601-A	Lead, total recoverable	MO AVG	0.99	mg/L	0.69	130	28
2/29/2024	601-A	Lead, total recoverable	DAILY MX	0.99	mg/L	0.43	43	
3/31/2024	601-A	Lead, total recoverable	MO AVG	0.55	mg/L	0.43	28	31
5/31/2024	601-A	Lead, total recoverable	MO AVG	0.698	mg/L	0.43	62	31
5/31/2024	601-A	Lead, total recoverable	DAILY MX	0.698	mg/L	0.69	1	
7/31/2024	601-A	Zinc, total recoverable	MO AVG	1.757	mg/L	1.48	19	31
7/31/2024	601-A	Lead, total recoverable	DAILY MX	1.225	mg/L	0.43	78	
7/31/2024	601-A	Lead, total recoverable	MO AVG	1.225	mg/L	0.69	185	31
8/31/2024	002-A	E. coli, MTEC-MF	WK GEOMN	6600	MPN/100mL	284	2224	7
9/30/2024	601-A	Lead, total recoverable	MO AVG	0.523	mg/L	0.43	22	30
12/31/2024	002-A	BOD, carbonaceous, 05 day, 20 C	MO AVG	11	mg/L	10	10	
12/31/2024	002-A	BOD, carbonaceous, 05 day, 20 C	MO AVG	0.92	kg/d	0.682	35	31
4/30/2025	601-A	Lead, total recoverable	MO AVG	0.586	mg/L	0.43	36	31