

Nate J. Boring Direct Dial (412) 258-6729 Email: Nate Boring@sgkpc.com

June 22, 2023

VIA HAND DELIVERY

Allegheny County Health Department Attention: Hearing Officer 542 Fourth Avenue Pittsburgh, PA 15219

Notice of Violation of NPDES Permit No. PA0020681

Dear Sir or Madam:

Re:

Enclosed herewith please find a Notice of Appeal being filed on behalf of the Borough of Sewickley with respect to the Notice of Violation sent to the Borough by letter dated May 24, 2023 and signed by Michael J. Moskorisin. A description of the violations at issue is set forth in the Notice of Violation letter, which is attached to the Notice of Appeal.

Please note that the violations at issue have been previously identified and incorporated into the Sewickley Borough Sewage Treatment Facility PA0020681 Overload Corrective Action Plan, dated November 4, 2022, as reviewed and approved by the PaDEP and ACHD, respectively. This appeal is being filed to preserve the Borough's right to seek a Stay of Proceedings to provide additional time to proceed with all actions necessary for repairing and upgrading the Sewickley Borough Sewage Treatment Facility in compliance with the said Corrective Action Plan.

Please do not hesitate to contact me if you have any questions concerning this matter.

Sincerely,

Nathaniel J. Boring, Esquire

Enclosure

cc: Jason Willis, Esq., ACHD Solicitor (Jason.Willis@AlleghenyCounty.us)
Brendan Turley, Esq., ACHD Assistant Solicitor (Brendan.Turley@AlleghenyCounty.us)
Michael J. Moskorisin, ACHD Solid Waste Program Manager (Mike.Moskorisin@AlleghenyCounty.us)
Stacey Greenwald, PA DEP Environmental Engineer Manager (SGreenwald@pa.gov)
Donna Kaib, Sewickley Borough Manager (DKaib@sewickleyborough.org)
Chad O'Donnell, Sewickley Borough STP Operator (COdonnell@sewickleyborough.org)
Mike Galet, Gateway Engineers (mgalet@gatewayengineers.com)



Notice of Appeal



This form is used to file an appeal of an order, notice, decision, determination, or ruling by the Allegheny County Health Department. Please complete this form (use additional pages as necessary). If more than one person or entity is filing this appeal, please attach a separate form for each additional appellant. A copy of the order, notice, decision, determination, or ruling must be attached to the Notice of Appeal.

| Name Borough of Sewickley (c/o Donna Kaib, Borough Manager) |
|---|
| Mailing Address 601 Thorn Street |
| City Sewickley State PA Zip 15143 Email dkaib@sewickleyborough.org |
| Phone412-741-4015 |
| If you are represented by an attorney, please provide contact information for your attorney: |
| NameNate J. Boring |
| Mailing Address 535 Smithfield Street, Suite 300 |
| City Pittsburgh State PA Zip 15222 Email nate.boring@sgkpc.com |
| Phone412-258-6729 |
| Describe your objections to the Department's actions and a statement describing the relief you want the Hearing Officer to grant. (The objections may be factual or legal and must be specific. If you fail to state an objection here, you may be barred from raising it later in your appeal. Use additional pages if necessary.) See Attachment marked "RELIEF REQUESTED" |
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| By filing this Notice of Appeal with the Allegheny County Health Department, I hereby certify that the information submitted is true and correct to the best of my information and belief. Signature |
| |
| Appeals should be submitted in person or by mail to: |

Allegheny County Health Department Attention: Hearing Officer 542 4th Avenue Pittsburgh, PA 15219

RELIEF REQUESTED

This appeal is filed in response to a May 24, 2023 Notice of Violation letter sent to the Borough of Sewickley (Borough) by Allegheny County Health Department (ACHD) Program Manager, Michael J. Moskorisin (ACHD Letter), attached hereto as **Exhibit A**. In the letter, Mr. Moskorisin, on behalf of ACHD's Water Pollution Control & Solid Waste Management Program, states that on April 13, 2023, the following violations of the plant's NPDES Permit No. PA0020681; the Pennsylvania Clean Streams Law (CSL), Act 394, approved June 22, 1937, P.L. 1987, Section 201 and 202, as amended, 25 P.S. ("Clean Streams Law"); and of regulations promulgated under the CSL were noted:

25 Pa. Code 92a. 41(a)(5)

- There is severe corrosion in the wet well. Corroded duct work, previously fallen off the walls in the Wet Well and Transpactor Rooms, were removed from the buildings and the voids were covered over with panels.
- On February 1, 2017 the outer membrane of the digester cover ripped half-way across the top of the digester and had to be removed. In January 2018, the inner membrane cover ripped and had to be completely taken off the digester. The digester sensor was not operational. The STP was permitted for anaerobic digestion.

CSL 201

• 113 Sanitary Sewer Overflows (SSOs) were reported in 2021 at the sewage treatment plant (STP).

The Notice of Violation letter acknowledges that Sewickley Borough (the Borough) submitted a Corrective Action Plan (CAP) which was approved in 2022; that the Borough is no longer interested in conveying flow from the Sewickley Borough STP to the Leetsdale Borough Municipal Authority Sewage Treatment Plant; that the Borough passed a resolution in March, 2023 to proceed with plant improvements; and that Gateway Engineering, Inc. is actively working through implementation of the CAP.

The Notice of Violation letter was accompanied by a Sewage Compliance Inspection Report dated April 13, 2023, attached hereto as **Exhibit B**.

The Borough hereby appeals the subject Notice of Violation for the following reasons:

- 1. The subject violations have been previously identified and incorporated into the Sewickley Borough Sewage Treatment Facility PA0020681 Overload Corrective Action Plan, dated November 4, 2022, which was reviewed and approved by both the PaDEP and ACHD.
- 2. Following PaDEP and ACHD approval of the Corrective Action Plan, dated November 4, 2022, the intent of the Sewickley Borough Council to proceed with the necessary repairs

and improvements was memorialized by Resolution No. 2023-004, adopted on March 14, 2023, and the same formally authorized all action necessary to effectuate compliance with the CAP. In addition to planning and design, the Borough has been pursuing funding sources and is actively engaged with various professional consultants to accelerate efforts, but additional time is necessary.

- 3. Attached hereto as **Exhibit C**, and incorporated by reference, is a letter dated June 8, 2023 from Gateway Engineers that provides additional information regarding the Borough's ongoing efforts to comply with the Corrective Action Plan.
- 4. The May 24, 2023 Notice of Violation is inconsistent with prior determinations of the ACHD. The condition of the outer and inner membranes of the digester cover were the subject of a prior Notice of Violation dated August 22, 2019, which was appealed by the Borough at Docket No. ACHD 19-035. Following approval of the Corrective Action Plan in November 2022, the Borough received confirmation from the ACHD that the Corrective Action Plan satisfied the ACHD's Order of 2019, and the proceedings were discontinued.
- 5. The Borough believes that the number of reported SSOs may be inaccurate as respectively set forth in the May 24, 2023 Notice of Violation letter and the April 13, 2023 Sewage Compliance Inspection Report, and reserves the right to dispute the same.
- 6. This appeal is intended to preserve the Borough's right to seek a stay of proceedings to provide the Borough with additional time to proceed with all actions necessary for the preparation of plans, bid specifications, requests for proposals, and the planning, design, and construction necessary for repairing and upgrading the sewer treatment plant in compliance with the Corrective Action Plan.

In light of the foregoing, and with specific regard to the subject violations having been previously identified and incorporated into the Borough's Corrective Action Plan to the satisfaction of the PaDEP and ACHD, as further evidenced by the discontinuance of the enforcement proceedings at Docket No. ACHD 19-035, the Borough of Sewickley respectfully requests that the ACHD Hearing Officer take the following action, as he/she may deem to be appropriate:

- 1. Vacate/dismiss the Notice of Violation dated May 24, 2023;
- 2. Issue an Order finding that the Borough is in compliance with the Corrective Action Plan, dated November 4, 2022; and/or
- 3. Authorize a stay of proceedings related to the subject violations.

Respectfully submitted,

Nathaniel J. Boring, Esquire Sewickley Borough Solicitor





ALLEGHENY

May 24, 2023

Borough of Sewickley 601 Thorn Street Sewickley, PA 15143

ATTENTION:

Cynthia Mullins, President of Council

Donna Kaib, Manager

RE:

SEWERAGE

COMPLIANCE EVALUATION INSPECTION

SEWICKLEY BOROUGH SEWAGE TREATMENT PLANT

NPDES PERMIT NO. PA0020681 BOROUGH OF SEWICKLEY

Dear Borough Officials:

On April 13, 2023, Dustie Specht of the Health Department's Water Pollution Control & Solid Waste Management Program performed an inspection at the above-referenced facility. The field analyses of the effluent samples collected are as follows:

| PARAMETER | SAMPLE RESULTS | INSTANTANEOUS MAXIMUM PERMIT LIMITS | | |
|-------------------------|----------------|-------------------------------------|--|--|
| рН | 7.8 | 6.0-9.0 | | |
| Total Residual Chlorine | 0.35 mg/l | 3.3 mg/l | | |
| Dissolved Oxygen | 7.2 mg/l | None | | |

As a result of a review of records and reports submitted to this Department, the following violations of the plant's NPDES Permit No. PA0020681; the Pennsylvania Clean Streams Law (CSL), Act 394, approved June 22, 1937, P.L. 1987, Section 201 and 202, as amended, 25 P.S. ("Clean Streams Law"); and of regulations promulgated under the CSL were noted:

25 Pa. Code 92a. 41(a)(5)

- There is severe corrosion in the wet well, Corroded duct work, previously fallen off the walls in the Wet Well and Transpactor Rooms, were removed from the buildings and the voids were covered over with panels.
- On February 1, 2017 the outer membrane of the digester cover ripped half-way across the top of the digester and had to be removed. In January 2018, the inner membrane cover ripped and had to be completely taken off the digester. The digester sensor was not operational. The STP was permitted for anaerobic digestion.



ALLEGHENY COUNTY HEALTH DEPARTMENT

WATER POLLUTION CONTROL & SOLID WASTE MANAGEMENT

3901 PENN AVENUE • BUILDING 5 • PITTSBURGH, PA 15224-1318

PHONE: 412.578.8040 • FAX: 412.578.8053 WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT



Exhibit A

Sewickley Borough Sewage Treatment Plant RE: Compliance Evaluation Inspection May 24, 2023

Page 2

CSL 201

 113 Sanitary Sewer Overflows (SSOs) were reported in 2021 at the sewage treatment plant (STP).

Sewickley Borough (the Borough) submitted a Corrective Action Plan (CAP) which was approved in 2022. The Borough is no longer interested in conveying flow from the Sewickley Borough STP to the Leetsdale Borough Municipal Authority Sewage Treatment Plant. The Borough passed a resolution in March, 2023 to proceed with plant improvements. Gateway Engineering Inc is actively working through implementation of the CAP.

Pursuant to Article XI entitled "Hearings and Appeals", you are hereby notified that you have thirty (30) days in which to file an appeal after issuance of this letter. The notice of appeal shall be filed in the Office of the Director, 542 Fourth Avenue, Pittsburgh, PA 15219. In the event that an appeal is not filed within thirty (30) days after issuance of this letter, the within action shall become final.

Enclosed is a copy of the Department's inspection for your records. If you have any questions, please call Dustie Specht of this office at 412-578-8045.

Sincerely.

Michael J. Moskorisin, Program Manager

Water Pollution Control & Solid Waste Management

MJM/DRS/ge Enclosure

cc: Stacey Greenwald, DEP Clean Water Program

Chad O'Donnell, Superintendent, Sewickley Borough STP

| Facility Name: Sewickley Borough STP | NPDES/WQM Permit No. | Mo/Day/Year | Entry Time | Exit time | Inspectio | n Type | eFACTS Inspection ID | |
|--|---------------------------------------|-------------------------|-------------------|---|-----------------|---------------|---------------------------|--|
| Sewickley Borough STP | PA0020681 | 4/13/23 | | | CEI | | 3559827 | |
| Physical Location/Directions: Route 65N,left walnut St. turn right onto Chadwick ST. Plant will be on the right Municipality: Sewickley Borough Municipal Major RBC MBR MBBR/IFAS TRICKLING FILTER Lagoon Design flow:80 | Facility Name: Permittee Name: | | | | | | | |
| Route 65N, left walnut St. turn right onto Chadwick ST. Plant will be on the right Municipality: Sewickley Borough Allegheny | Sewickley Borough STP | | Boro | ugh of Sewick | kley | | | |
| Municipality: Sewickley Borough Sewickley Borough Major Facility type: Municipal Major Treatment Process: Ext Aeration Contact Stabilization SeR RBC MBR MBBR/IFAS TRICKLING FILTER Lagoon Other: Conventional Activated Sludge Contact Stabilization Ser Responsible Official: Operator Name: Chad O'Donnell Circuit Rider: Treatment Process: Ext Aeration Contact Stabilization Ser RBC MBR MBBR/IFAS TRICKLING FILTER Lagoon Other: Conventional Activated Sludge Operator Name: Chad O'Donnell Circuit Rider: Treatment Process TrickLing Filter Lagoon Operator Name: Chad O'Donnell Circuit Rider: Treatment Process TrickLing Filter Lagoon Operator Name: Chad O'Donnell Circuit Rider: Treatment Process TrickLing Filter Lagoon Operator Name: Chad O'Donnell Circuit Rider: Treatment Chad O'Donnell Circuit Rider: Treatment Trea | | | | | | | | |
| Sewickley Borough | Route 65N,left walnut St. | turn right onto Chadw | rick ST. Pl | ant will be on | the right | February | / 29, 2028 | |
| Facility type: | Municipality: | | | | | | | |
| Non-Municipal Minor RBC MBR MBBR/IFAS TRICKLING FILTER Lagoon Design flow: 90 MGD Other: Conventional Activated Sludge Cynthia Mullins Does the facility have an Operator in Responsible Charge: Ves No Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: Ves Mo Operator Name: Chad O'Donnell Circuit Rider: | Sewickley Borough | | | | | | | |
| Design flow: _90 | Facility type: Municipa | l ☐ Major | | | | | | |
| Responsible Official: Cynthia Mullins Operator Name: Chad O'Donnell Circuit Rider: Yes No Operator Name: Chad O'Donnell Circuit Rider: Yes No Client ID: 259774 License Expiration Date: December 31, 2025 Call Phone: Email: CYTOLATIONS: Yes None Identified During Inspection Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 Recommendations: Recommend 2 certified operators. Person Interviewed: Date: Chad O'Donnell 4/13/23 Dustie Specht 4/13/23 Signature: Phone No: 412-741-6510 Inspector: Signature: Phone No: 412-781-6510 Title: Environmental Health Specialist II Title: Superintendent Does the facility have an Operator in Responsible Charge: Ves No Operator Name: Chad O'Donnell Circuit Rider: No Circuit Rider: | ☐ Non-Mui | nicipal 📝 Minor | ☐ RBC | ☐ MBR ☐ f | MBBR/IFAS | ☐ TRICKL | ING FILTER 🔲 Lagoon | |
| Operator Name: Chad O'Donnell Title: President of Council Permittee 601 Thorn St. P.O. Box 428 Sewickley, Address: PA 15143-0428 Business Phone: 412-741-4015 Cell Phone: Email: 24-Hour Emergency Contact Person / Phone / Email: VIOLATIONS: □ Yes □ None Identified During Inspection □ Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 Recommendations: Recommend 2 certified operators. Person Interviewed: Chad O'Donnell 4/13/23 Signature: □ Phone No: 412-741-6510 Cle Phone: Email: codonnell@sewickleyborough.org Pending Sample Results □ Pending Sample Results □ Date: □ Inspector: □ Date: □ Dustie Specht □ 4/13/23 □ Phone No: 412-741-6510 □ Title: Environmental Health Specialist II | Design flow: 90 M | GD | ☐ Other | : Convention | al Activate | ed Sludge | | |
| Title: President of Council Permittee 601 Thorn St. P.O. Box 428 Sewickley, Address: PA 15143-0428 Business Phone: 412-741-4015 Cell Phone: Cell Phone No: Cell Ph | Responsible Official: | | Does | the facility have | e an Operat | or in Respo | nsible Charge:□Yes □No | |
| Title: President of Council Permittee 601 Thorn St. P.O. Box 428 Sewickley, Address: PA 15143-0428 Class-Subclass(es): AE 1,2,4 Operator properly certified for treatment process type: ☑Yes ☑No Business Phone: 412-741-6510 Cell Phone: Email: Cell Phone: Email: Codonnell@sewickleyborough.org 24-Hour Emergency Contact Person / Phone / Email: VIOLATIONS: ☑ Yes ☑ None Identified During Inspection ☑ Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 Recommendations: Recommend 2 Certified operators. Person Interviewed: □ Date: □ Inspector: □ Dustie Specht □ 4/13/23 Signature: □ Phone No: □ 11tle: □ Environmental Health Specialist II Title: Superintendent Circuit Rider: □ Yes □ Note Client ID: 259774 □ License Expiration Date: □ December 31, 2025 Class-Subclass(es): □ E □ Phone No: □ 4/12-578-8045 Title: □ Environmental Health Specialist II | Cynthia Mullins | | Opera | tor Name: Cha | ad O'Donn | ell | | |
| Permittee Address: PA 15143-0428 Sewickley. Address: PA 15143-0428 Sewickley. Address: PA 15143-0428 Sewickley. Address: PA 15143-0428 Sewickley. Business Phone: 412-741-4015 Cell Phone: Email: 24-Hour Emergency Contact Person / Phone / Email: VIOLATIONS: ☑ Yes ☐ None Identified During Inspection ☐ Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 Recommend 2 certified operators. Person Interviewed: Oate: Inspector: Dustie Specht | | | Circui | Rider: Yes | ✓No | | | |
| Operator properly certified for treatment process type: | | O. D 400 O | Client | ID: 259774 | Licer | ise Expiratio | n Date: December 31, 2025 | |
| Business Phone: 412-741-4015 Cell Phone: Email: 24-Hour Emergency Contact Person / Phone / Emails: VIOLATIONS: Yes None Identified During Inspection Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 Recommendations: Recommend 2 certified operators. Inspector: Date: Chad O'Donnell 4/13/23 Dustie Specht 4/13/23 Dustie Specht 4/13/23 Signature: Phone No: 412-741-6510 Inspector Signature: Phone No: 412-781-8045 Title: Environmental Health Specialist II | Address: DA 15142 0429 | O. Box 428 Sewickley | | Subclass(es): 🤟 | A E 1,2,4 | | | |
| Cell Phone: Email: 24-Hour Emergency Contact Person / Phone / Email: VIOLATIONS: Violatified During Inspection Violations: Violatified During Inspection Violations: Vi | PA 15143-0426 | | Opera | tor properly ce | rtified for t | reatment pr | rocess type: ☑Yes ☐No | |
| Email: codonnell@sewickleyborough.org 24-Hour Emergency Contact Person / Phone / Email: VIOLATIONS: Yes None Identified During Inspection Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 Recommendations: Recommend 2 certified operators. Person Interviewed: Date: Inspector: Date: Chad O'Donnell 4/13/23 Dustie Specht 4/13/23 Signature: Phone No: 412-741-6510 Inspector Signature: Phone No: 412-578-8045 Title: Superintendent Title: Environmental Health Specialist II | Business Phone: 412-741-4 | 015 | Busine | ess Phone: 412 | 2-741-6510 |) | | |
| 24-Hour Emergency Contact Person / Phone / Email: VIOLATIONS: Yes None Identified During Inspection Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. *Also see page 2 *Recommendations: Recommend 2 certified operators. Person Interviewed: Chad O'Donnell 4/13/23 Dustie Specht 4/13/23 Signature: Phone No: 412-741-6510 Inspector: Signature: Phone No: 412-578-8045 Title: Superintendent Title: Environmental Health Specialist II | Cell Phone: | | Cell Pl | none: | | | | |
| VIOLATIONS: Yes None Identified During Inspection Pending Sample Results CSL 201 13 Sanitary Sewer Overflows (SSOs) were reported at the STP in 2022. There have been 0 overflows reported in 2023. | Email: | | Email: | codonnell@: | sewickleyb | orough.org | 9 | |
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| Title: Superintendent Title: Environmental Health Specialist II | + | Phone No: | | | | P | | |
| Superintendent Environmental Production | | | | 412-578-8045 | | | | |
| Email: codonnell@sewickleyborough.org | Title: Superintendent | | | Title: Environmental Health Specialist II | | | | |
| | Email: codonnell@sewickleyborough.org | | | Email: dustie24@gmail.com | | | | |
| This document is official notification that a representative of the Allegheny County Health Department (ACHD) inspected the above referenced facility. The findings of this inspection are shown above and on any attached pages. Any violations that were noted during the inspection are | | | | | | | | |
| | | | | | | | | |

Page 1 of 10

Rev 6/2015

Date: 4/13/23

Exhibit B

COMMENTS

25 Pa. Code 92a.41(a)(5)

Severe corrosion in the wet wet. The corroded duct work, previously fallen off the walls in the wet well and transpactor rooms, were removed from the buildings and the voids were covered with panels.

On February 1, 2017 the outer membrane of the digester cover ripped half way across the top of the digester and had to be removed. In January 2018, the inner membrane cover ripped and had to be completely taken off the digester. The digester sensor was not operational. The STP was permitted for anaerobic digestion not aerobic digestion.

Gateway prepared a Corrective Action Plan (CAP) and it was approved in 2022. Sewickley Borough (the Borough) is no longer interested in conveying flow from the Sewickley Borough STP to the Leetsdale Borough Municipal Authority Sewage Treatment Plant. The Borough passed a resolution in March, 2023 to proceed with plant improvements. Gateway is actively working through implementation of the CAP.

Settleability test performed earlier by the operator was 120 ml. and 140 ml.

The aeration tanks were light brown with white foam.

Effluent flow 0.335 MGD

Sludge is hauled out 1-3 times per month.

One hundred pounds of dense soda ash is used per week. Enzymes are added 2 days/week to the sludge lie to the digester.

Sludge is pressed on Monday and Thursday.

Polymer is used during the grit removal process for settleability.

Samples are taken after the effluent combines with the SSO at the head of the plant when an overflow occurs.

Page 2 of 10 Date: 4/13/23 Permit No: PA0020681

| Monitoring, Reporting and Recordkeeping | | | | | |
|---|--|--|--|--|--|
| (NPDES Permit Part A / WQM Permit) | | | | | |
| On-site laboratory: | | | | | |
| Contract Laboratory Name: CWM Environmental Address & Phone: 101 Parkview Extention Drive Kittanning, PA 16201 724-543-3011 Parameters Analyzed: BOD, CBOD, TSS, Fecal Comments: | | | | | |
| Sample Collection: Influent sampling prior to any treatment: ☑Yes ☐No Location: Manhole before the wet well Influent sampled prior to all process return piping: ☑Yes ☐No Influent sampled prior to flow from septage receiving station: ☐Yes ☐No ☑N/A Effluent sampling after all treatment: ☑Yes ☐No Location: end of the chlorine contact tank Location(s) adequate for representative samples: ☑Yes ☐No ☐N/O Parameters analyzed, sample frequencies and sample types meet permit requirements: ☑Yes ☐No ☐N/O Samples properly preserved during collection, storage and shipping: ☐Yes ☐No ☐N/O Sampler or sample temperature is recorded using NIST traceable thermometer: ☑Yes ☐No ☐N/O Comments: | | | | | |
| Influent samples: Being collected: ☑Yes No □N/O Samples are: ☑Grab □8-hour comp □24-hour comp □Other Samples are: ☑Flow Proportional □Time Proportional □N/A □N/A Sampler controlled by: ☑Flow Meter □Timed Collection □N/A □Other Minimum aliqot volume at least 100 ml: ☑Yes □No □N/A Composite sampler temperature during inspection N/A Comments: | | | | | |
| Effluent samples: Being collected: ☑Yes ☐No ☐N/O Samples are:☐Grab ☑8-hour comp ☐24-hour comp ☐Other Samples are: ☑Flow Proportional ☐Time Proportional ☐Not flow proportional ☐N/A Sampler controlled by: ☑Flow Meter ☐Timed Collection ☐N/A ☐Other Minimum aliqot volume at least 100 ml: ☑Yes ☐No ☐N/A Composite sampler temperature during inspection 5°C Comments: | | | | | |
| Sample records: Available for inspection: ☑Yes ☐No Retained for at least three years: ☑Yes ☐No Includes: Collector name: ☑Yes ☐No Collection date/time: ☑Yes ☐No Collection location: ☑Yes ☐No Analyst name: ☑Yes ☐No Analyst date/time: ☑Yes ☐No Analyst location: ☐Yes ☐No Analytical methods & quantitation limits: ☑Yes ☐No Chain of custody forms: ☑Yes ☐No Comments: | | | | | |
| Bench sheets: Data is consistent with data on the DMR: Yes No Month(s)/year checked: Comments: | | | | | |

Page 3 of 10 Rev 6/2015 Date: 4/13/23

The Allegheny County Health Department Bureau of Environmental Health, Water Pollution Control and Solid Waste Mgmt

| Monitoring, Reporting and Recordkeeping | | | | | |
|---|--|--|--|--|--|
| (NPDES Permit A /WQM Permit) | | | | | |
| Field Testing: Completed within required hold time: \(\subseteq \text{Yes} \subseteq No \subseteq N/O \) Equipment is calibrated as required: pH: \(\subseteq \text{Yes} \subseteq No \subseteq N/O \) DO: \(\subseteq \text{Yes} \subseteq No \subseteq N/O \) PH Buffers current: \(\subseteq \text{Yes} \subseteq No \subseteq TRC Meter checked against standards: \(\subseteq \text{Yes} \subseteq No \) Calibration records maintained: \(\subseteq \text{Yes} \subseteq No \subseteq N/O \) Comments: | | | | | |
| DMR Submittal: DMRs are submitted as required: ☑Yes ☐No ☐N/O eDMR User: ☑Yes ☐No All Supplemental Reports are submitted as required: ☑Yes ☐No ☐N/O DMRs include all sample results collected and analyzed using approved methods: ☑Yes ☐No ☐N/O Comments: | | | | | |
| Flow Measurement | | | | | |
| (NPDES Permit A /WQM Permit) | | | | | |
| Primary flow meter and recorder: Operable: ☑Yes ☐No Properly Maintained: ☑Yes ☐No Measuring device type: ☐Flume ☑Weir ☐Full Pipe ☐Open Channel ☐Other ☐Other Meter type: ☑Ultrasonic ☐Magnetic Meter ☐Bubbler ☐Other Flow measurement location(s): ☐Influent ☐Effluent Meter location: at the end of the chlorine contact tank Recorder Type: ☐Totalizer ☐Daily Chart ☐7-Day Chart ☐SCADA/Electronic ☐Other Flow meter capable of recording hydraulic design capacity: ☑Yes ☐No ☐Alibration Range: ☐Inspection frequency: ☐Daily ☐Weekly ☐Other ☐Calibration of flow meters last calibrated on 6/2/22. Issues note with measurement and/or recording of flow: ☐Yes ☑No ☐N/A Influent flow is measured before all return lines: ☑Yes ☐No ☐Nho Influent flow is measured after hauled-in wastes: ☐Yes ☐No Comments: | | | | | |
| Flumes: Flow is uniform across the channel: | | | | | |
| Weirs: Clean with a visible air space below the nappe: ☐Yes ☐No ☐N/A Maximum flow capable of measurement with weir: MGD Comments: | | | | | |
| Treatment Plant (NPDES Permit B /WQM Permit) | | | | | |
| <u>Treatment plant bypass</u> : Since last inspection: ☑Yes ☐No ☐N/O Reported to ACHD/PA DEP? ☑Yes ☐No | | | | | |
| Location/cause: 13 SSOs were reported at the STP in 2022 during wet weather. 1 DWO was reported in 2022. | | | | | |
| Major equipment repair/replacement: Since last inspection: ☑Yes ☐No ☐N/O Repair list: Replaced both sludge pumps for the digester. | | | | | |
| Stand-by power: □ Emergency generator ☑ Dual power feed □ None □ Other System operable: ☑ Yes □ No Exercise frequency Maintenance frequency Unit exercised under load: □ Yes □ No □ N/A Comments: □ No □ N/A | | | | | |

Page 4 of 10 Rev 6/2015 Date: 4/13/23

| Treatment Plant | | | | | | |
|--|------------------------------|---|--|--|--|--|
| | (NPDES Pern | nit B /WQM Permit) | | | | |
| Alarms: □None ☑SCA | DA Auto Dialer PLC | □Other | | | | |
| System operable: ☑Yes | | ncy: | | | | |
| Alarm triggers: Chlorine le | eak, SSO at the STP. | | | | | |
| Staff scheduling: 24/7 | Weekday hours: 6am to 2p | m Weekend/holiday hours: to | | | | |
| Other: Weekends | 6am-10am, holidays 7am-3pr | m or 7am-11am | | | | |
| Daily Log contains: Visua | l observations ☑Process adju | es No N/O Daily log up-to-date: Yes No N/O stments Problems and concerns ace log maintained: Yes No N/O | | | | |
| Spare parts inventory: main Comments: | ntained:_☑Yes □No □N/o | O <u>Standby units available:</u> Yes No | | | | |
| Facility Process Control Plan System specific managemen Comments: | | N/A Is the plan implemented: ☐Yes ☐No ☐N/A ☐N/O | | | | |
| | Proc | ess Control | | | | |
| | (NPDES Perm | nit B /WQM Permit) | | | | |
| Parameter | Frequency of Testing | Current Testing Methods | | | | |
| ✓ Settleability | daily | M Hoff Cones | | | | |
| ✓ Dissolved Oxygen | daily | HACH HQ44od multi | | | | |
| ✓ Alkalinity | 1/week | Titration with H2SO4 (digester supernatant) | | | | |
| ✓ Sludge Blanket | daily | sludge judge | | | | |
| ✓ Mixed Liquor Suspended Solids (MLSS) | | | | | | |
| ✓ Mixed Liquor Volatile Suspended Solids (MLVSS) 1/week | | | | | | |
| Microscopic exam of | | | | | | |
| mixed Liquor ☑ Color ☑ Odor | daily | | | | | |
| ☐ Other: | | | | | | |
| Operators | | | | | | |
| Total Number of Available Operators at this facility: 1 | | | | | | |
| Does a non-certified operator make process control decisions at this facility: ☐Yes ☐NO ☐N/O | | | | | | |
| Does facility have a written SOP to direct non-certified operator activities: Yes No NA N/O | | | | | | |
| Available Operator interviewed has reviewed a copy of the facility NPDES permit: Yes No N/O Comments The STP has a SOP for lab work only. | | | | | | |

Page 5 of 10 Rev 6/2015 Date: 4/13/23

| Treatment Process Units | | | | | | |
|--|-------|---------|------------|--|--|--|
| (NPDES Permit B /WQM Permit) | | | | | | |
| Treatment Units | Total | On_Line | Inoperable | Date Inoperable / Expected Date Return to Service / Comments | | |
| Mechanical Bar Screen | 1 | 1 | 0 | | | |
| Influent Pumps | 3 | 1 | 1 | | | |
| Grit Removal | 1 | 1 | 0 | | | |
| Primary Clarifier | 1 | 1 | 0 | | | |
| Aeration Tanks | 2 | 2 | 0 | | | |
| Secondary Clarifiers | 2 | 2 | 0 | | | |
| Chlorine contact tank | 2 | 2 | 0 | | | |
| Anaerobic digester | 1 | 1 | 1 | No cover on top of the anaerobic digester, inoperable January 2018 | | |
| Belt Press | 1 | 1 | 0 | | | |
| Blowers | 2 | 1 | 0 | | | |
| chloinators | 2 | 1 | 0 | | | |
| sludge pumps | 4 | 2 | 0 | | | |
| Digester recirculation pumps | 2 | 1 | 0 | | | |
| Primary sludge pumps | 2 | 1 | 0 | | | |
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| O & M Manuals available for major pieces of equipment: ☑Yes ☐No ☐N/O | | | | | | |
| Comments: | | | | | | |
| | | | | | | |
| Chemical Additions: | | | | | | |

Page 6 of 10 Rev 6/2015 Date: 4/13/23

| Other Requirements | | | | | |
|---|--|--|--|--|--|
| (NPDES Permit C /WQM Permit) | | | | | |
| Special Conditions: Next submission/action: None WETT: TRE/TIE: EPA Pretreatment Program Stormwater requirements: Permit Schedule: TMDL: Other: Comments: | | | | | |
| PPC Plan: on-site: ☐Yes ☐No ☐N/A ☐N/O Last updated: Comments: | | | | | |
| Compliance History | | | | | |
| Effluent Violation in the last 12 months: | | | | | |
| Legal Agreement: Consent Order and Agreement, consent Decree or Order: ☐Yes ☑No ☐N/O Date Executed: In compliance with legal agreement: ☐Yes ☐No ☐Could not confirm during field inspection Obligation due next: Comments: | | | | | |
| Sewage Treatment Plant | | | | | |
| Treatment Plant Design Capacity: Hydraulic (MGD): 0.9 Organic (PPD); 1800lbs./day | | | | | |
| High Flow Management / Maintenance Plan available: Yes No N/A Plan implemented at: MGD | | | | | |
| Hauled in wastes: Facility accepts hauled in wastes: Yes No Reported to DEP on proper forms: Yes No N/A N/O Flow at which facility stops accepting hauled in waste (MGD): N/A N/O Comments: | | | | | |
| Solids Management: Disposal records available: Yes No N/O Retained for at least five years: Yes No Production for calendar year: Production estimated using EPA Composite Correction Approach: Yes No Disposal within 15% of estimate: Yes No Hauler: Disposal location: Comments: | | | | | |

Page 7 of 10 Rev 6/2015 Date: 4/13/23

| Collection System | | | | | | | |
|---|--|--|--|--|--|--|--|
| Chapter 94 Report: Submitted ☐Yes ☐No ☐N/A ☐N/O Hydraulic or Organic Overload: ☐Yes ☐No ☐N/A ☐N/O Comments: | | | | | | | |
| Permitted facility receives flow from contributing systems owned/maintained by others: NO N/O Comments: | | | | | | | |
| Sanitary Sewer Overflows: Since last inspection: Yes No Reported to DEP: Yes No Location/cause: | | | | | | | |
| Collection system: Owned by: □Permittee □Other: Maintained by: □Permittee □Other: Maintenance performed: □Regularly scheduled □As problems occur □None □N/A | | | | | | | |
| Type of maintenance: Televised: | | | | | | | |
| ☐Jetted/Root Cutting: | | | | | | | |
| ☐Smoke Testing: | | | | | | | |
| □Other: | | | | | | | |
| Sewer Shed metering: | | | | | | | |
| ☐Sewers repaired/replaced: | | | | | | | |
| Inflow and infiltration: Facility reports influences of: Inflow Infiltration Detail I & I Detection work performed since last inspection: | | | | | | | |
| Detail I & I Removal work performed since last inspection: | | | | | | | |
| Comments: | | | | | | | |
| Pump Stations: Total number: Inspection frequency: Operator Name: Client ID: Class-Subclasses License Exp. Date: Flow measurement | | | | | | | |

Page 8 of 10 Rev 6/2015

8 of 10 Date: 4/13/23

| | Effluent / Receiving | | uation | | |
|------------------------------|------------------------------|----------|---------|------------|-----------|
| Outfall Number(s) 001 | Stream Name: Ohio Rive | r | | | |
| DEP Collector# 0615 | Field Measurements | Upstream | Outfall | Downstream | Units |
| Sample Date/Time: 4/13/23 10 | 30 Flow | | | | MGD |
| Sample collection: | рН | | | 7.8 | S.U. |
| | Conductivity | | | | umhos/cm |
| | Dissolved Oxygen | | | 7.2 | mg/L |
| | Total/Free Chlorine Residua | ıl | | 0.35 | |
| | Temperature | | | 1,000,000 | mg/L C |
| Upstream Observations: | 2 | | | | |
| ✓ Not Observed | | | | | |
| Outfall Observations: | | | | | |
| ■Not Observed | | | | | |
| Downstream Observations: | | | | | |
| ☑Not Observed | | | | | |
| Outfall Number(s) | Stream Name: | | | | |
| DEP Collector# | Field Measurements | Upstream | Outfall | Downstream | Units |
| Sample Date/Time: | Flow | 1 -7 | 1 | | MGD |
| Sample collection: | pH | | | | S.U. |
| <u> </u> | Conductivity | | | | umhos/cm |
| | Dissolved Oxygen | | | | mg/L |
| | Total/Free Chlorine Residua | 1 | | | mg/L |
| | Temperature | | | | 6 6 |
| Jpstream Observations: | remperatore | | | | |
| □Not Observed | | | | | |
| Outfall Observations: | | | | | |
| Not Observed | | | | | |
| Downstream Observations: | | | | | |
| Not Observed | | | | | |
| | 1 | | | | |
| Outfall Number(s) | Stream Name: | | | Υ | 7 |
| EP Collector# | Field Measurements | Upstream | Outfall | Downstream | Units |
| ample Date/Time: | Flow | | | | MGD |
| ample collection: | рН | | | | S.U. |
| | Conductivity | | | | umhos/cm |
| | Dissolved Oxygen | | | | mg/L |
| | Total/Free Chlorine Residual | | | | mg/L |
| | Temperature | | | | • |
| pstream Observations: | | | | | |
| Not Observed | | | | | |
| outfall Observations: | | | | | |
| Not Observed | | | | | |
| Tivor Opseived | | | | | |
| ownstream Observations: | | | | | |
| | | | | | |

Page 9 of 10 Rev 6/2015

Date: 4/13/23

Allegheny County Health Department

Bureau of Environmental Health, Water Pollution Control and Solid Waste Mgmt.
SEWAGE COMPLIANCE INSPECTION REPORT

| Additional | Comments/Ph | otos | |
|------------|-------------|------|--|
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Page 10 of 10 Rev 6/2015

Date: 4/13/23



A FULL-SERVICE CIVIL ENGINEERING FIRM

THE GATEWAY ENGINEERS, INC.

100 MCMORRIS ROAD PITTSBURGH, PA 15205

412-921-4030 PHONE 412-921-9960 FAX

www.GatewayEngineers.com

June 8, 2023 C-69510-2023

Borough of Sewickley 601 Thorn Street Sewickley, PA 15143

RE:

Sewickley Sewage Treatment Plant Notice of Violation ACHD Inspection

To whom it may concern:

Gateway Engineers has reviewed the Compliance Evaluation Inspection memo prepared by the Allegheny County Health Department (ACHD) dated May 24, 2023 summarizing an inspection performed by Ms. Dustie Specht of the Health Department's Water Pollution Control & Solid Waste Management Program on April 13, 2023.

It shall be noted that all of the violations that were noted in this inspection are items that have been previously identified and incorporated into the Corrective Action Plan prepared on November 4, 2022 that was reviewed and approved by both the PaDEP and ACHD.

At this time, we are continuing with implementation of the approved Corrective Action Plan by performing CCTV, manhole inspections, and additional flow monitoring which was anticipated to be completed in this first year of the plan.

If you have any questions, please contact me at (412) 409-2286.

Sincerely,

THE GATEWAY ENGINEERS, INC.

Michael J. Galet, P.E. Borough Engineer

g:\projects\69000 sewickley boro\69510 act 537 plan\2023\file xfer\sent\2023-06-08 achd nov inspection response\2023-06-08 nov inspection response