

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0265691
APS ID 1078735
Authorization ID 1423034

Applicant, Facility and Project Information

| | | | |
|---------------------------|---|------------------|--|
| Applicant Name | <u>Charles J Downing</u> | Facility Name | <u>Charles J Downing SRSTP</u> |
| Applicant Address | <u>PO Box 558</u> <u>North East, PA 16428-0558</u> | Facility Address | <u>163 Eighteen Mile Lane</u> <u>North East, PA 16428</u> |
| Applicant Contact | <u>Charles Downing</u> | Facility Contact | <u></u> |
| Applicant Phone | <u>(814) 882-2126</u> | Facility Phone | <u></u> |
| Applicant E Mail | <u>bigcharlietuna@gmail.com</u> | Facility E Mail | <u></u> |
| Client ID | <u>340410</u> | Site ID | <u>825582</u> |
| Municipality | <u>North East Township</u> | County | <u>Erie</u> |
| SIC Code | <u>8800</u> | SIC Code | <u>4952</u> |
| SIC Description | <u>Private Households,</u> | SIC Description | <u>Trans. & Utilities - Sewerage Systems</u> |
| Date Application Received | <u>January 3, 2023</u> | WQM Required | <u>Existing permit is adequate</u> |
| Date Application Accepted | <u>January 19, 2023</u> | WQM App. No. | <u></u> |
| Project Description | <u>NPDES renewal</u> | | |

Summary of Review

No reported violations. Septage last pumped on June 17, 2021

There are no open violations in WMS for Client ID 340410 as of 4/24/2023. CWY

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

| Approve | Deny | Signatures | Date |
|---------|------|---|----------------|
| X | | <i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist | April 13, 2023 |
| X | | Chad W. Yurismic Chad W. Yurismic, P.E. Environmental Engineer Manager | 4/24/2023 |

Discharge and Stream Data – 2 - Receiving Waters and PWS

| Discharge, Receiving Waters and Water Supply Information | | | |
|---|---------------------------------------|------------------------------|----------------------------|
| Outfall No. | <u>001</u> | Design Flow (MGD) | <u>.0005</u> |
| Latitude DP | <u>42° 15' 37.560"</u> | Longitude DP | <u>-79° 47' 19.34"</u> |
| Latitude NHD | <u>42° 15' 37.56"</u> | Longitude NHD | <u>-79° 47' 19.51"</u> |
| Quad Name | <u>North East</u> | Quad Code | <u>0107</u> |
| Wastewater Description: <u>Treated single residence domestic wastes</u> | | | |
| Receiving Waters | <u>Unnamed tributary to Lake Erie</u> | Stream Code | <u>62253</u> |
| NHD Com ID | <u>123924721</u> | RMI | <u>0.037</u> |
| Drainage Area | <u>0.47</u> | Yield (cfs/mi ²) | <u>0</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>0</u> | Q ₇₋₁₀ Basis | <u>Intermittent stream</u> |
| Elevation (ft) | <u>584</u> | Slope (ft/ft) | <u></u> |
| Watershed No. | <u>15-A</u> | Chapter 93 Class. | <u>CWF, MF</u> |
| Existing Use | <u>statewide</u> | Existing Use Qualifier | <u>none</u> |
| Exceptions to Use | <u>none</u> | Exceptions to Criteria | <u>none</u> |
| Comments <u></u> | | | |
| Assessment Status | <u>Attaining Use(s)</u> | | |
| Cause(s) of Impairment | <u></u> | | |
| Source(s) of Impairment | <u></u> | | |
| TMDL Status | <u></u> | Name | <u></u> |
| Background/Ambient Data | | Data Source | |
| pH (SU) | <u>7.0</u> | default | <u></u> |
| Temperature (°F) | <u></u> | | <u></u> |
| Hardness (mg/L) | <u></u> | | <u></u> |
| Other: | <u></u> | | <u></u> |
| Nearest Downstream Public Water Supply Intake | <u>Canada</u> | | |
| PWS Waters | <u>Lake Erie</u> | Flow at Intake (cfs) | <u>NA</u> |
| PWS RMI | <u>891.63</u> | Distance from Outfall (mi) | <u>14.44</u> |

Changes Since Last Permit Issuance: None

Other Comments: Stat of New York is 63.57 miles down stream

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|-----------------------------|-------------------------------------|----------------|-----------------------|----------------|---------|------------------|--|----------------------|
| | Mass Units (lbs/day) ⁽¹⁾ | | Concentrations (mg/L) | | | | Minimum ⁽²⁾ Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Annual Average | Maximum | Instant. Maximum | | |
| Flow (GPD) | Report Annl Avg | XXX | XXX | XXX | XXX | XXX | 1/year | Estimate |
| pH (S.U.) | XXX | XXX | 6.0 Inst Min | XXX | XXX | 9.0 | Upon Request | Grab |
| BOD5 | XXX | XXX | XXX | 10.0 | XXX | 20.0 | 1/year | Grab |
| TSS | XXX | XXX | XXX | 10.0 | XXX | 20.0 | 1/year | Grab |
| Fecal Coliform (No./100 ml) | XXX | XXX | XXX | 200 | XXX | 1000 | 1/year | Grab |

Compliance Sampling Location: Outfall 001 after disinfection