

## Northcentral Regional Office CLEAN WATER PROGRAM

Application Type

Facility Type

Major / Minor

Minor

# NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0228176

APS ID 1038515

Authorization ID 1354180

| pplicant Name        | Harrison Township              | Facility Name    | Harrison Township WWTP |
|----------------------|--------------------------------|------------------|------------------------|
| pplicant Address     | 205 E Main Street              | Facility Address | Rt 49                  |
|                      | Harrison Valley, PA 16927-1203 |                  | Mills, PA 16937-0009   |
| pplicant Contact     | Richard Potter                 | Facility Contact | Richard Potter         |
| pplicant Phone       | (814) 334-5425                 | Facility Phone   | (814) 334-5425         |
| lient ID             | 95390                          | Site ID          | 528793                 |
| h 94 Load Status     | Not overloaded                 | Municipality     | Harrison Township      |
| onnection Status     | None                           | County           | Potter                 |
| ate Application Rece | eived May 13, 2021             | EPA Waived?      | Yes                    |
| ate Application Acce | epted May 17, 2021             | If No, Reason    |                        |

#### **Summary of Review**

The above facility has submitted an NPDES renewal application for their existing discharge at the Harrison Township sewage treatment plant (STP) to the Cowanesque River in Harrison Township, Potter County. The 0.07 MGD treatment plant is an extended aeration package plant consisting of a manual bar screen, a comminutor, a flow equalization tank with blowers, two aeration tanks, two final clarifiers, ultraviolet (UV) disinfection, a sludge storage/digestion tank, and sludge drying reed beds. The manual bar screen and UV disinfection were recently approved in WQM 5300401-A1 on October 6, 2021. The issuance of this renewed NPDES permit with be coordinated to be issued concurrent of the startup of the UV system.

Unless otherwise noted, all the Department's applicable Standard Operating Procedures (SOPs) were used in developing the following fact sheet.

Sludge use and disposal description and location(s): Sludge is dried on site and maintained in reed beds.

#### **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              |
|---------|------|---|-------------------|
| Х       |      | Chad A. Fabian Chad A. Fabian / Project Manager   | February 9, 2022  |
| Х       |      | Nicholas W. Hartrauft, P.E.<br>Nicholas W. Hartranft, P.E. / Environmental Engineer Manager | February 10, 2022 |

| Discharge, Receiving         | ischarge, Receiving Waters and Water Supply Information |                            |                          |  |  |  |  |  |
|------------------------------|---|----------------------------|--------------------------|--|--|--|--|--|
| Outfall No. <u>001</u>       |   | Design Flow<br>(MGD)       | 0.07                     |  |  |  |  |  |
| Latitude41° 5                | 55' 5.14 <u>"</u>                                       | Longitude                  | -77º 37' 23.55"          |  |  |  |  |  |
| Wastewater<br>Description:   | Sewage Effluent   |                            |                          |  |  |  |  |  |
| Receiving<br>Waters          | Cowanesque River  | Stream Code                | 30995                    |  |  |  |  |  |
| NHD Com ID                   | 57351185  | RMI                        | 37.2                     |  |  |  |  |  |
| Drainage Area                | 32.8  | Yield (cfs/mi²)            | 0.011  Basin delineation |  |  |  |  |  |
| Q <sub>7-10</sub> Flow (cfs) | 0.38  | Q <sub>7-10</sub> Basis    |                          |  |  |  |  |  |
| Elevation (ft)               | 1500  | Slope (ft/ft)              | n/a                      |  |  |  |  |  |
| Watershed No.                | 4-A   | Chapter 93 Class.          | CWF                      |  |  |  |  |  |
| Existing Use                 | CWF-MF  | Existing Use Qualifier     | n/a                      |  |  |  |  |  |
| Exceptions to<br>Use         | none  | Exceptions to Criteria     | none                     |  |  |  |  |  |
| Assessment Statu             | s Attaining Use(s)                                      |                            |                          |  |  |  |  |  |
| Nearest Downstre             | am Public Water Supply Intake NY                        | ′ state border approximate | ely 34 miles downstream  |  |  |  |  |  |

Changes Since Last Permit Issuance: None

|                         | Compliance History  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|
|                         |   |  |  |  |  |  |  |
| Summary of DMRs:        | The facility uses the Department's eDMR system for reporting effluent results. A review of the past 12 months shows that 2 effluent violations have occurred in the past 12 months. One exceedance of fecal coliforms and one exceedance for ammonia. These exceedances can be found on page 5 of this fact sheet under the "Compliance History-Effluent Violations" section. |  |  |  |  |  |  |
| Summary of Inspections: | The most recent inspection performed by the Department was conducted on 7/26/2021. No violations were found during the inspection.  |  |  |  |  |  |  |

Other Comments: The Department does not believe the above noted effluent violations should hold up the draft and subsequent issuance of the renewed permit.

## **Compliance History**

## DMR Data for Outfall 001 (from January 1, 2021 to December 31, 2021)

| Parameter                         | DEC-21  | NOV-21 | OCT-21 | SEP-21 | AUG-21 | JUL-21 | JUN-21 | MAY-21 | APR-21 | MAR-21 | FEB-21 | JAN-21 |
|-----------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Flow (MGD)                        |         |        |        |        |        |        |        |        |        |        |        |        |
| Average Monthly                   | 0.03834 | 0.034  | 0.0417 | 0.0372 | 0.0417 | 0.0331 | 0.025  | 0.0365 | 0.0344 | 0.0427 | 0.0313 | 0.0359 |
| Flow (MGD)                        |         |        |        |        |        |        |        |        |        |        |        |        |
| Daily Maximum                     | 0.0662  | 0.0519 | 0.1075 | 0.1697 | 0.2032 | 0.117  | 0.0429 | 0.112  | 0.0552 | 0.0842 | 0.0675 | 0.0552 |
| pH (S.U.)                         |         |        |        |        |        |        |        |        |        |        |        |        |
| Minimum                           | 7.5     | 7.6    | 7.5    | 7.8    | 7.3    | 7.2    | 7.6    | 7.1    | 7.4    | 7.3    | 7.6    | 7.3    |
| pH (S.U.)                         |         |        |        |        |        |        |        |        |        |        |        |        |
| Maximum                           | 8.3     | 8.2    | 8.3    | 8.3    | 8.2    | 8.2    | 8.2    | 8.1    | 8.0    | 8.2    | 8.3    | 8.4    |
| DO (mg/L)                         |         |        |        |        |        |        |        |        |        |        |        |        |
| Minimum                           | 2.1     | 2      | 2.3    | 2.5    | 2.4    | 2.5    | 2.3    | 3.1    | 3.5    | 2.4    | 2.8    | 2.7    |
| TRC (mg/L)                        |         |        |        |        |        |        |        |        |        |        |        |        |
| Average Monthly                   | 0.0304  | 0.09   | 0.32   | 0.253  | 0.189  | 0.24   | 0.0693 | 0.19   | 0.31   | 0.0987 | 0.265  | 0.0245 |
| TRC (mg/L)                        |         |        |        |        |        |        |        |        |        |        |        |        |
| Instantaneous                     |         |        |        |        |        |        |        |        |        |        |        |        |
| Maximum                           | 1.05    | 0.59   | 0.86   | 0.95   | 1.10   | 1.08   | 0.65   | 1.29   | 1.15   | 0.57   | 0.97   | 0.76   |
| CBOD5 (lbs/day)                   |         |        |        |        |        |        |        |        |        |        |        |        |
| Average Monthly                   | 1.1     | < 1.2  | < 1.4  | < 0.9  | < 1.6  | < 1.1  | < 9    | 1      | < 1.2  | 4.7    | 1      | < 1.5  |
| CBOD5 (lbs/day)                   |         |        |        |        |        |        | _      |        |        |        |        |        |
| Weekly Average                    | 1.1     | 1.5    | 1.7    | < 0.1  | 2.3    | < 1.5  | < 9    | 1.1    | 1.5    | 6.7    | 1.2    | 1.5    |
| CBOD5 (mg/L)                      |         |        |        |        |        |        |        | _      | 4.0=   |        |        |        |
| Average Monthly                   | 4.2     | < 3.6  | < 4.2  | < 0.4  | < 7.3  | < 4.2  | < 4    | < 4    | < 4.35 | 11.4   | 5.2    | < 4.1  |
| CBOD5 (mg/L)                      | 4.47    | 4.0    | 4.0    | 0.4    | 40.0   |        |        |        | 4 -    | 40.4   | 0.4    |        |
| Weekly Average                    | 4.47    | 4.2    | 4.3    | < 0.4  | 10.6   | 4.4    | < 4    | < 4    | 4.7    | 13.1   | 6.1    | 4.1    |
| BOD5 (lbs/day)                    |         |        |        |        |        |        |        |        |        |        |        |        |
| Raw Sewage Influent               | 52.7    | 44.7   | 47.6   | 60.8   | 53.2   | 39.9   | 49.7   | 46.3   | 81.9   | 115.7  | 41.6   | 75.9   |
| Average Monthly<br>BOD5 (lbs/day) | 52.7    | 44.7   | 47.6   | 60.8   | 53.2   | 39.9   | 49.7   | 46.3   | 81.9   | 115.7  | 41.6   | 75.9   |
| Raw Sewage Influent               |         |        |        |        |        |        |        |        |        |        |        |        |
| Daily Maximum                     | 55.4    | 46.8   | 51.1   | 69.1   | 57.6   | 57.1   | 62     | 60.8   | 111.3  | 138.4  | 42.9   | 77.8   |
| BOD5 (mg/L)                       | 33.4    | 40.0   | 31.1   | 09.1   | 37.0   | 37.1   | 02     | 00.8   | 111.5  | 130.4  | 42.9   | 77.0   |
| Raw Sewage Influent               |         |        |        |        |        |        |        |        |        |        |        |        |
| Average Monthly                   | 202.5   | 147.5  | 157    | 278.5  | 240    | 191.35 | 327    | 189.5  | 299.5  | 307    | 219    | 217    |
| TSS (lbs/day)                     | 202.0   | 1 17.0 | 107    | 2,0.0  | 210    | 101.00 | 021    | 100.0  | 200.0  | 007    | 210    | 217    |
| Average Monthly                   | 1.8     | 2.8    | 3.3    | 0.7    | 1.4    | 0.09   | 0.07   | < 1.2  | 1.4    | 9.3    | 1.4    | < 1.8  |
| TSS (lbs/day)                     | 1       | 0      | 2.0    | J.,    |        | 5.55   | 5.57   |        |        | 5.5    |        | 1      |
| Raw Sewage Influent               |         |        |        |        |        |        |        |        |        |        |        |        |
| Average Monthly                   | 58.6    | 46.6   | 102.8  | 57.1   | 54.7   | 44.1   | 54.8   | 33.1   | 92.6   | 41.7   | 41.3   | 50.8   |

#### NPDES Permit No. PA0228176

## NPDES Permit Fact Sheet Harrison Township WW Treatment Plant

| ı     | I                             | I   | I  |   | ı  |  | 1   | I  | I  | I  | ı  |
|-------|-------------------------------|---|--|---|--|--|---|--|--|--|--|
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 00    | 40.0                          | 4440  | 00.7   | 00.7  | 05.4   | 05.5   |   | 470.7  | 40.0   | 44.0   | 57.0   |
| 68    | 48.9                          | 114.9   | 93.7   | 83.7  | 65.4   | 85.5   | 41.1  | 1/3./  | 49.3   | 44.8   | 57.9   |
| _     |                               |   |  |   |  |  |   |  |  |  |  |
| 2     | 3.6                           | 4.2   | 0.9  | 2.2   | 1.4  | 0.07   | < 1.4   | 2.2  | 14.2   | 1.5  | < 1.8  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 6.7   | 8.65                          | 10  | 3.3  | 6.4   | 3.3  | 3.1  | < 5   | 5.1  | 22   | 7.25   | < 5  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 229   | 154                           | 325   | 245  | 242.5   | 215  | 136  | 137   | 303.65   | 111  | 218  | 144.5  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 7.13  | 10                            | 10.5  | 3.6  | 10.2  | 3.6  | 3.2  | < 5   | 7  | 13.1   | 7.5  | 5  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 3.05  | 11.9                          | 140.52  | 3.87   | < 32.3  | 11.8   | 4.7  | 112.49  | 3.48   | 24.05  | < 16.6   | 49.2   |
|       |                               |   |  |   |  |  |   |  |  |  |  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 3.1   | 27.2                          | 886   | 7.5  | 1046.2  | 14.5   | 7.4  | 185   | 12.1   | 111.2  | 275.5  | 2419.6   |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| < 0.1 | < 0.1                         | < 0.1   | < 0.1  | < 0.1   | < 8  | < 1  | < 1   | < 0.1  | < 0.1  | 0.004  | 0.1  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| < 0.1 | 0.1                           | < 0.1   | < 0.1  | 0.1   | < 1.14   | < 1  | 0.1   | 0.2  | < 0.2  | 0.004  | 0.1  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| < 2   | < 2.5                         | < 0.3   | < 0.3  | < 0.31  | < 3  | < 3  | < 0.3   | < 0.427  | < 0.39   | 0.194  | 0.158  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| < 2   | < 0.3                         | 0.3   | < 0.3  | 0.32  | < 3  | < 3  | 0.3   | 0.553  | < 0.47   | 0.198  | 0.186  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
|       |                               |   |  |   |  |  |   |  |  |  |  |
| 3.78  | 2.67                          | 3.5   | 4.01   | 6.7   | 4.37   | 5.6  | < 1   | 3.61   | 1.77   | 3.17   | 1.91   |
|       | 7.13 3.05 3.1 <0.1 <0.1 <2 <2 | 2 3.6 6.7 8.65  229 154  7.13 10  3.05 11.9  3.1 27.2  <0.1 < 0.1  <0.1 0.1  <2 < 2.5  <2 < 0.3 | 2     3.6     4.2       6.7     8.65     10       229     154     325       7.13     10     10.5       3.05     11.9     140.52       3.1     27.2     886       < 0.1 | 2     3.6     4.2     0.9       6.7     8.65     10     3.3       229     154     325     245       7.13     10     10.5     3.6       3.05     11.9     140.52     3.87       3.1     27.2     886     7.5       < 0.1 | 2     3.6     4.2     0.9     2.2       6.7     8.65     10     3.3     6.4       229     154     325     245     242.5       7.13     10     10.5     3.6     10.2       3.05     11.9     140.52     3.87     < 32.3 | 2     3.6     4.2     0.9     2.2     1.4       6.7     8.65     10     3.3     6.4     3.3       229     154     325     245     242.5     215       7.13     10     10.5     3.6     10.2     3.6       3.05     11.9     140.52     3.87     < 32.3 | 2     3.6     4.2     0.9     2.2     1.4     0.07       6.7     8.65     10     3.3     6.4     3.3     3.1       229     154     325     245     242.5     215     136       7.13     10     10.5     3.6     10.2     3.6     3.2       3.05     11.9     140.52     3.87     < 32.3 | 2     3.6     4.2     0.9     2.2     1.4     0.07     < 1.4 | 2       3.6       4.2       0.9       2.2       1.4       0.07       < 1.4 | 2       3.6       4.2       0.9       2.2       1.4       0.07       < 1.4 | 2       3.6       4.2       0.9       2.2       1.4       0.07       < 1.4 |

## **Compliance History- Effluent Violations**

Effluent Violations for Outfall 001, from: February 1, 2021 To: December 31, 2021

| Parameter      | Date     | SBC    | DMR Value | Units      | Limit Value | Units      |  |
|----------------|----------|--------|-----------|------------|-------------|------------|--|
| Fecal Coliform | 08/31/21 | IMAX   | 1046.2    | CFU/100 ml | 1000        | CFU/100 ml |  |
| Ammonia        | 07/31/21 | Avg Mo | < 8       | lbs/day    | 4           | lbs/day    |  |

| Development of Effluent Limitations |               |                 |                   |                 |  |  |  |  |
|-------------------------------------|---------------|-----------------|-------------------|-----------------|--|--|--|--|
| Outfall No.                         | 001           |                 | Design Flow (MGD) | .07             |  |  |  |  |
| Latitude                            | 41° 55' 5.30" |                 | Longitude         | -77° 37' 23.70" |  |  |  |  |
| Wastewater Description:             |               | Sewage Effluent |                   |                 |  |  |  |  |

#### **Technology-Based Limitations**

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

| Pollutant               | Limit (mg/l)    | SBC             | Federal Regulation | State Regulation |
|-------------------------|-----------------|-----------------|--------------------|------------------|
| CBOD <sub>5</sub>       | 25              | Average Monthly | 133.102(a)(4)(i)   | 92a.47(a)(1)     |
| CBOD5                   | 40              | Average Weekly  | 133.102(a)(4)(ii)  | 92a.47(a)(2)     |
| Total Suspended         | 30              | Average Monthly | 133.102(b)(1)      | 92a.47(a)(1)     |
| Solids                  | 45              | Average Weekly  | 133.102(b)(2)      | 92a.47(a)(2)     |
| pН                      | 6.0 – 9.0 S.U.  | Min – Max       | 133.102(c)         | 95.2(1)          |
| Fecal Coliform          |                 |                 |                    |                  |
| (5/1 – 9/30)            | 200 / 100 ml    | Geo Mean        | -                  | 92a.47(a)(4)     |
| Fecal Coliform          |                 |                 |                    |                  |
| (5/1 – 9/30)            | 1,000 / 100 ml  | IMAX            | -                  | 92a.47(a)(4)     |
| Fecal Coliform          |                 |                 |                    |                  |
| (10/1 – 4/30)           | 2,000 / 100 ml  | Geo Mean        | -                  | 92a.47(a)(5)     |
| Fecal Coliform          |                 |                 |                    |                  |
| (10/1 – 4/30)           | 10,000 / 100 ml | IMAX            | -                  | 92a.47(a)(5)     |
| Total Residual Chlorine | 0.5             | Average Monthly | -                  | 92a.48(b)(2)     |

Comments: This draft permit will include UV disinfection monitoring. The approved UV disinfection unit is scheduled to be installed in the next 180 days.

#### Water Quality-Based Limitations

The Department's WQM7.0 model allows the Department to evaluate point source discharges of dissolved oxygen (DO), carbonaceous BOD (CBOD $_5$ ), and ammonia-nitrogen (NH $_3$ -N) into free-flowing streams and rivers. To accomplish this, the model simulates two basic processes: the mixing and degradation of NH $_3$ -N in the stream and the mixing and consumption of DO in the stream due to the degradation of CBOD $_5$  and NH $_3$ -N. During the last permit issuance, the the WQM7.0 modeling was performed for the discharge to the Cowanesque River. The modeling showed that existing limitations are protective of water quality standards. Per the Department's SOP for reissuance of NPDES permits, additional modeling is not required at this time since there have been no changes to the characteristics of the effluent or to the condition of the receiving stream.

A "Reasonable Potential Analysis" was not performed since the facility does not have any industrial users nor does it accept any hauled in wastes. Therefore, the application does not require any toxics to be sampled in the permit renewal application.

The Department previous used its LAKE model for total phosphorus analysis since the discharge is located above the Cowanesque Lake. The model did not require phosphorus limitations for the respective discharge. Per the Department's SOP for reissuance of NPDES permits, additional modeling is not required at this time since there have been no changes to the characteristics of the effluent or to the condition of the receiving stream. Therefore, no further phosphorus consideration is necessary at this time.

Per the above-mentioned SOP, monitoring and reporting for E. Coli will be required in this draft permit at a rate of 1/quarter.

#### **Best Professional Judgment (BPJ) Limitations**

Monitor and report for dissolved oxygen has been added to this permit per the Department's SOPs for establishing effluent limitations for sewage dischargers.

### **Chesapeake Bay Nutrient Requirements**

According to the Department's Supplement to the Phase 2 Chesapeake Bay Watershed Implementation Plan (WIP), the facility is classified as a Phase 5 bay discharger (>0.002 MGD and <0.2 MGD). Phase 5 facilities are required to monitor for total nitrogen and total phosphorus at a rate of 1/year unless the facility has already conducted at least two years of nutrient monitoring and a summary of the results are included in the next permit fact sheet. The facility is required to monitor for total phosphorus since they are upstream of the Cowanesque Lake. However, the following is a summary of the total nitrogen results obtained during the existing permit cycle:

| Parameter           | Instantaneous Maximum (mg/l) | Total Annual (lbs) |
|---------------------|------------------------------|--------------------|
| Total Nitrogen (TN) | 26.8                         | 5710               |

Since the permittee has had more than 2 years of monitoring for total nitrogen, it is recommended that the total nitrogen be removed from the permit per the WIP.

#### **Anti-Backsliding**

The Department does not propose to relax any of the existing effluent limitations in this draft permit.

## **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.

|   |  |                   | Monitoring Requiremen |  |                   |                     |                          |                |
|---|--|-------------------|-----------------------|--|-------------------|---------------------|--------------------------|----------------|
| Parameter                                     | Mass Units                             | (lbs/day) (1)     |                       | Concentrati  |                   | Minimum (2)         | Required                 |                |
| Farameter                                     | Average<br>Monthly                     | Weekly<br>Average | Minimum               | Average<br>Monthly   | Weekly<br>Average | Instant.<br>Maximum | Measurement<br>Frequency | Sample<br>Type |
|   |  | Report            |                       |  |                   |                     |                          |                |
| Flow (MGD)                                    | Report                                 | Daily Max         | XXX                   | XXX  | XXX               | XXX                 | Continuous               | Metered        |
| ~님 (오 ! ! )                                   | XXX                                    | XXX               | 6.0<br>Inst Min       | XXX  | XXX               | 9.0                 | 1/day                    | Grab           |
| pH (S.U.)                                     | ^^^                                    | ^^^               | Report                | ^^^  | ^^^               | 9.0                 | 1/uay                    | Grab           |
| DO  | XXX                                    | xxx               | Daily Min             | xxx  | XXX               | XXX                 | 1/day                    | Grab           |
| Ultraviolet (UV) disinfection (%              |  |                   | ·                     |  |                   |                     |                          |                |
| transmissivity)                               | XXX                                    | XXX               | Report                | XXX  | XXX               | XXX                 | 1/day                    | Meter          |
|   |  |                   |                       |  |                   |                     |                          | 8-Hr           |
| CBOD5   | 15                                     | 23                | XXX                   | 25   | 40                | 50                  | 2/month                  | Composite      |
| BOD5  |  | Report            |                       |  |                   |                     |                          | 8-Hr           |
| Raw Sewage Influent                           | Report                                 | Daily Max         | XXX                   | Report   | XXX               | XXX                 | 2/month                  | Composite      |
|   |  |                   |                       |  |                   |                     |                          | 8-Hr           |
| TSS   | 18                                     | 26                | XXX                   | 30   | 45                | 60                  | 2/month                  | Composite      |
| TSS   | _                                      | Report            |                       | _  |                   |                     | _,                       | 8-Hr           |
| Raw Sewage Influent                           | Report                                 | Daily Max         | XXX                   | Report   | XXX               | XXX                 | 2/month                  | Composite      |
| Fecal Coliform (No./100 ml)                   | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 2007              | 2007                  | 2000   | \/\/\/            | 40000               | 0/ 11                    | 0 1            |
| Oct 1 - Apr 30                                | XXX                                    | XXX               | XXX                   | Geo Mean   | XXX               | 10000               | 2/month                  | Grab           |
| Fecal Coliform (No./100 ml)<br>May 1 - Sep 30 | XXX                                    | XXX               | XXX                   | 200<br>Geo Mean  | XXX               | 1000                | 2/month                  | Grab           |
| Ammonia                                       | ^^^                                    | ^^^               | ^^^                   | Geo Mean   | ^^^               | 1000                | 2/111011111              | 8-Hr           |
| Nov 1 - May 31                                | 11                                     | 16                | xxx                   | 18   | 27                | 36                  | 2/month                  | Composite      |
| Ammonia                                       |  | 10                | 7000                  | 10   | ۷.                | - 00                | 2/11101101               | 8-Hr           |
| Jun 1 - Oct 31                                | 4                                      | 5                 | XXX                   | 6  | 9                 | 12                  | 2/month                  | Composite      |
|   | •                                      |                   | 7.0.0                 | , and the second | <u> </u>          |                     | _,                       | 8-Hr           |
| Total Phosphorus                              | XXX                                    | XXX               | XXX                   | Report   | XXX               | XXX                 | 1/month                  | Composite      |
| E. Coli (No./100 ml)                          | XXX                                    | XXX               | XXX                   | Report   | XXX               | XXX                 | 1/quarter                | Grab           |

## NPDES Permit Fact Sheet Harrison Township WW Treatment Plant

#### NPDES Permit No. PA0228176

All of the above effluent limitations and sampling frequencies are the same as the existing permit, except the elimination of total nitrogen monitoring, the addition of E.Coli, and the replacement of TRC with UV monitoring, all of which are described above.

It is recommended the permit be drafted as described within this fact sheet.