



Application Type  
Facility Type  
Major / Minor

Renewal  
Municipal  
Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

Application No. **PA0030228**  
APS ID **1146285**  
Authorization ID **1542218**

**Applicant and Facility Information**

|                           |  |                  |   |
|---------------------------|--|------------------|---|
| Applicant Name            | <u>East Brandywine Twp Municipal Auth.</u>                     | Facility Name    | <u>Delaware County Comm College</u>                       |
| Applicant Address         | <u>1214 Horseshoe Pike</u><br><u>Downington, PA 19335-1132</u> | Facility Address | <u>100 Bond Drive</u><br><u>Downington, PA 19335-1330</u> |
| Applicant Contact         | <u>Gabby Brown</u>   | Facility Contact | <u>Gabby Brown</u>  |
| Applicant Phone           | <u>(610) 269-8230</u>  | Facility Phone   | <u>(610) 942-3000</u>                                     |
| Client ID                 | <u>226713</u>  | Site ID          | <u>446025</u>   |
| Ch 94 Load Status         | <u>Not Overloaded</u>  | Municipality     | <u>East Brandywine Township</u>                           |
| Connection Status         |  | County           | <u>Chester</u>  |
| Date Application Received | <u>September 15, 2025</u>                                      | EPA Waived?      | <u>No</u>   |
| Date Application Accepted |  | If No, Reason    | <u>TMDL</u>   |
| Purpose of Application    | <u>Permit Renewal</u>  |                  |   |

**Summary of Review**

The PA Department of Environmental Protection (PADEP) received a NPDES permit renewal request from Hydraterra Professionals on behalf of East Brandywine Twp. Municipal Authority to discharge 0.018 MGD of treated sewage from Keats Glen STP to an Unnamed Tributary to Beaver Creek. The STP is located at the Delaware County Community College northwest of Downingtown, along Route 322.

The facility is a PureStream Package plant consisting of anoxic zone, aeration tank, clarifier, post aeration tank and a sludge holding tank. The wastewater treatment chemicals listed in the application are 12.5% sodium hypochlorite (disinfection), PAC (phosphorus control) and Sodium Bisulfite (dichlorination). Sludge is hauled away to DELCORA WWTP.

The facility plans to transition from chlorine disinfection to UV disinfection within the next five years. Chlorine will remain in place as a backup disinfection system. A WQM permit was amended in June 2024 and UV monitoring will be added in this renewal.

The existing permit limits are continued over in this renewal. There is no change in the flow, stream designation, and influent quality; therefore the previous permit effluent limitations are carried over to the new permit. Those limits were based on TMDL document and model report.

This discharge is in the Christina River Basin and there is a low-flow TMDL for Nutrients and Dissolved Oxygen issued by EPA. The original TMDL document allocations were based on a flow of 0.0225 mgd.

Revisions to the Christina River Basin TMDL for nutrients and dissolved oxygen for low-flow conditions were made in a letter to EPA dated June 27, 2012 and confirmed by EPA on August 29, 2012. In the TMDL document, Table 14, the limits were updated to mirror the actual permitted discharge for the facility of 0.0181 mgd.

| Approve | Deny | Signatures  | Date              |
|---------|------|---|-------------------|
| x       |      | <i>Vasantha</i><br>Vasantha Palakurti / Environmental Engineering Specialist  | December 11, 2025 |
| x       |      | <i>Pravin Patel</i><br>Pravin C. Patel, P.E. / Environmental Engineer Manager | 12/12/2025        |

**Summary of Review**

Listed in Table 14: TMDL summary for Brandywine Creek East Branch - (Alternate Reduction Scenario) as below:

| Keats Glen STP<br>PA0030228 | CBOD5 | NH3-N | TN    | TP    | DO    |
|-----------------------------|-------|-------|-------|-------|-------|
| mg/l                        | 8.7   | 1.2   | 25    | 3.7   | 6.2   |
| lb/day                      | 1.314 | 0.188 | 3.773 | 0.563 | 0.939 |

Few permit renewals ago, the mass limits were calculated for CBOD5, NH3-N and TN using the original concentration limits (based of 0.225 mgd) and actual permitted flow of 0.0181 mgd and as below. Limits remained from previous permit to avoid back sliding of limits and ultimately the most stringent limits were used for these parameters in the permit.

| Keats Glen STP<br>PA0030228 | CBOD5 | NH3-N | TN   | TP* | DO** |
|-----------------------------|-------|-------|------|-----|------|
| mg/l                        | 7.0   | 1.0   | 25   | 2.0 | 6.2  |
| lb/day                      | 1.06  | 0.15  | 3.77 | 0.3 |      |

\*The phosphorus limit is based on Chapter 96, Section 96.5, which says that phosphorus discharges from point sources shall be limited to an average monthly concentration of 2 mg/l. Phosphorus limit is continued from previous permit.

This discharge is also listed under High-low (Table 2.2) TMDL for Bacteria and Sediment and the WLAs are as below:

TSS = 20 mg/l, Fecal Coliform = 200 cfu/100ml

Listed in TMDLs for Nutrient and low Dissolved Oxygen under High-Flow conditions (Table 2-2) under Brandywine Creek East Branch as below based on a flow of 0.0225 mgd.:

| Keats Glen STP<br>PA0030228 | CBOD5 | NH3-N | TP   |
|-----------------------------|-------|-------|------|
| mg/l                        | 7     | 1     | 3    |
| kg/day                      | 0.6   | 0.09  | 0.26 |

The recommended NPDES permit limits meet or exceed the WLA requirements of the High Flow TMDL for Nutrients, Low Dissolved Oxygen, Bacteria and sediment.

Influent monitoring for CBOD5, TSS and BOD5 are continued in this permit to check compliance with the 85% removal requirement and Chapter 94 requirement.

Sludge use and disposal description and location(s): Sludge is hauled away to DELCORA WWTP.

**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.

| Discharge, Receiving Waters and Water Supply Information |   |                   |                       |
|--|---|-------------------|-----------------------|
| Outfall No.  | 001   | Design Flow (MGD) | .0181                 |
| Latitude   | 40° 1' 8.30"                                | Longitude         | -75° 47' 2.68"        |
| Quad Name  |   | Quad Code         |                       |
| Wastewater Description:                                  | Sewage Effluent                             |                   |                       |
| Receiving Waters   | Unnamed Tributary to Beaver Creek (CWF, MF) | Stream Code       | 00301                 |
| NHD Com ID   | 26105678                                    | RMI               | 2.1                   |
| Watershed No.  | 3-H   | Chapter 93 Class. | CWF, MF               |
| Assessment Status  | Attaining Use(s)                            |                   |                       |
| TMDL Status  | Final                                       | Name              | Christina River Basin |

Changes Since Last Permit Issuance: None

| Treatment Facility Summary                     |                                   |                     |                            |                               |
|--|-----------------------------------|---------------------|----------------------------|-------------------------------|
| <b>Treatment Facility Name:</b> Keats Glen STP |                                   |                     |                            |                               |
| <b>WQM Permit No.</b>                          | <b>Issuance Date</b>              |                     |                            |                               |
| 1500413 A1                                     | 9/25/2024                         |                     |                            |                               |
| <b>Waste Type</b>                              | <b>Degree of Treatment</b>        | <b>Process Type</b> | <b>Disinfection</b>        | <b>Avg Annual Flow (MGD)</b>  |
| Sewage   | Secondary                         | Extended Aeration   | Hypochlorite               | 0.0181                        |
| <b>Hydraulic Capacity (MGD)</b>                | <b>Organic Capacity (lbs/day)</b> | <b>Load Status</b>  | <b>Biosolids Treatment</b> | <b>Biosolids Use/Disposal</b> |
| 0.0225   | 48.8                              | Not Overloaded      | Holding Tank               | Other WWTP                    |

Compliance History

DMR Data for Outfall 001 (from October 1, 2024 to September 30, 2025)

| Parameter  | SEP-25 | AUG-25 | JUL-25 | JUN-25 | MAY-25 | APR-25 | MAR-25 | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Flow (MGD)<br>Average Monthly                                      | 0.006  | 0.005  | 0.005  | 0.006  | 0.006  | 0.006  | 0.006  | 0.006  | 0.006  | 0.007  | 0.005  | 0.005  |
| Flow (MGD)<br>Daily Maximum  | 0.007  | 0.009  | 0.008  | 0.009  | 0.009  | 0.008  | 0.009  | 0.01   | 0.01   | 0.011  | 0.007  | 0.005  |
| pH (S.U.)<br>Instantaneous<br>Minimum                              | 6.99   | 6.99   | 6.92   | 6.85   | 7.14   | 7.06   | 6.95   | 6.43   | 7.1    | 7.02   | 7.04   | 7.0    |
| pH (S.U.)<br>Instantaneous<br>Maximum                              | 7.58   | 7.63   | 7.77   | 7.67   | 7.66   | 7.53   | 7.37   | 7.4    | 7.5    | 7.43   | 7.43   | 7.5    |
| DO (mg/L)<br>Instantaneous<br>Minimum                              | 7.42   | 6.85   | 7.25   | 6.74   | 7.02   | 8.22   | 7.01   | 8.86   | 6.33   | 6.26   | 6.0    | 7.49   |
| TRC (mg/L)<br>Average Monthly                                      | 0.23   | 0.23   | 0.26   | 0.25   | 0.19   | 0.22   | 0.22   | 0.24   | 0.13   | 0.24   | 0.17   | 0.25   |
| TRC (mg/L)<br>Instantaneous<br>Maximum                             | 0.34   | 0.38   | 0.35   | 0.39   | 1.16   | 0.31   | 0.6    | 0.55   | 0.43   | 0.8    | 0.48   | 0.5    |
| CBOD5 (lbs/day)<br>Average Monthly                                 | 0.20   | < 0.10 | 0.20   | 0.20   | 0.10   | 0.20   | 1.15   | 0.20   | 0.20   | < 0.30 | < 0.09 | < 0.08 |
| CBOD5 (lbs/day)<br>Raw Sewage Influent<br><br/> Average<br>Monthly | 11     | 7      | 12     | 18     | 21     | 12     | 21     | 20     | 12     | 7      | 6      | 6      |
| CBOD5 (lbs/day)<br>Raw Sewage Influent<br><br/> Weekly Average     | 17     | 9      | 12     | 31     | 28     | 13     | 23     | 21     | 12     | 11     | 7      | 6      |
| CBOD5 (lbs/day)<br>Weekly Average                                  | 0.2    | 0.1    | 0.4    | 0.3    | 0.1    | 0.3    | 1.5    | 0.4    | 0.20   | 0.4    | 0.1    | < 0.08 |
| CBOD5 (mg/L)<br>Average Monthly                                    | 3.0    | < 2.0  | 4.0    | 4.0    | 3.0    | 5      | 21     | 5      | 4      | < 5    | < 2    | < 2.0  |
| CBOD5 (mg/L)<br>Raw Sewage Influent<br><br/> Average<br>Monthly    | 204    | 162    | 238    | 397    | 425    | 229    | 379    | 406    | 291    | 151    | 168    | 142    |
| CBOD5 (mg/L)<br>Raw Sewage Influent<br><br/> Weekly Average        | 284    | 215    | 282    | 622    | 563    | 239    | 388    | 420    | 350    | 170    | 204    | 142    |

NPDES Permit Fact Sheet  
Delaware County Comm College

NPDES Permit No. PA0030228

|   |       |        |      |     |        |     |     |     |     |     |       |        |
|---|-------|--------|------|-----|--------|-----|-----|-----|-----|-----|-------|--------|
| CBOD5 (mg/L)<br>Weekly Average                                    | 4     | 2      | 6    | 5.0 | 3      | 7   | 26  | 7   | 4   | 6   | 3     | < 2.0  |
| BOD5 (lbs/day)<br>Raw Sewage Influent<br><br/> Average<br>Monthly | 14    | 9      | 12   | 26  | 29     | 14  | 21  | 23  | 12  | 8   | 6     | 6      |
| BOD5 (lbs/day)<br>Raw Sewage Influent<br><br/> Weekly Average     | 20    | 9      | 13   | 39  | 33     | 16  | 23  | 23  | 12  | 12  | 7     | 6      |
| BOD5 (mg/L)<br>Raw Sewage Influent<br><br/> Average<br>Monthly    | 264   | 195    | 269  | 512 | 577    | 267 | 396 | 457 | 302 | 158 | 171   | 150    |
| BOD5 (mg/L)<br>Raw Sewage Influent<br><br/> Weekly Average        | 348   | 227    | 322  | 771 | 665    | 323 | 403 | 465 | 370 | 180 | 121   | 150    |
| TSS (lbs/day)<br>Average Monthly                                  | < 0.2 | < 0.05 | 0.1  | 0.5 | < 0.05 | 0.2 | 1.1 | 0.4 | 0.6 | 0.3 | < 0.1 | < 0.04 |
| TSS (lbs/day)<br>Raw Sewage Influent<br><br/> Average<br>Monthly  | 4     | 2      | 8    | 19  | 28     | 16  | 16  | 14  | 10  | 3   | 3     | 2      |
| TSS (lbs/day)<br>Raw Sewage Influent<br><br/> Weekly Average      | 6     | 2      | 10   | 26  | 43     | 21  | 20  | 15  | 12  | 5   | 3     | 2      |
| TSS (lbs/day)<br>Weekly Average                                   | 0.3   | < 0.05 | 0.2  | 0.8 | 0.05   | 0.3 | 1.2 | 0.6 | 0.8 | 0.5 | 0.2   | < 0.04 |
| TSS (mg/L)<br>Average Monthly                                     | < 3   | < 1    | 3    | 11  | < 1    | 5   | 21  | 9   | 15  | 5   | < 3   | < 1    |
| TSS (mg/L)<br>Raw Sewage Influent<br><br/> Average<br>Monthly     | 84    | 38     | 180  | 380 | 567    | 306 | 300 | 279 | 251 | 70  | 72    | 43     |
| TSS (mg/L)<br>Raw Sewage Influent<br><br/> Weekly Average         | 107   | 46     | 190  | 513 | 860    | 424 | 343 | 300 | 267 | 80  | 74    | 43     |
| TSS (mg/L)<br>Weekly Average                                      | 5     | < 1    | 4    | 15  | 1      | 5   | 21  | 12  | 15  | 8   | 5     | < 1    |
| Fecal Coliform<br>(No./100 ml)<br>Geometric Mean                  | 4     | < 2    | < 11 | < 8 | < 12   | < 2 | < 2 | < 3 | < 2 | < 4 | 860   | 4900   |
| Fecal Coliform<br>(No./100 ml)<br>Instantaneous<br>Maximum        | 5     | < 2    | 320  | 34  | 425    | 3   | < 2 | 5   | < 2 | 8   | 6300  | 4900   |

NPDES Permit Fact Sheet  
Delaware County Comm College

NPDES Permit No. PA0030228

|  |         |        |        |        |        |        |       |        |         |         |         |        |
|--|---------|--------|--------|--------|--------|--------|-------|--------|---------|---------|---------|--------|
| E. Coli (No./100 ml)<br>Instantaneous<br>Maximum |         |        |        |        |        |        |       |        |         | 2420    |         |        |
| Total Nitrogen<br>(lbs/day)<br>Average Monthly   | < 1.04  | < 0.80 | < 0.90 | < 0.40 | < 0.30 | < 0.40 | 0.90  | < 0.70 | < 0.60  | < 0.80  | < 0.40  | < 0.40 |
| Total Nitrogen (mg/L)<br>Average Monthly         | < 20    | < 17   | < 17   | < 10   | < 6    | < 8    | 16    | < 13   | < 17    | < 15    | < 10    | < 8    |
| Total Nitrogen (mg/L)<br>Daily Maximum           | < 22.2  | < 17.5 | < 19.5 | < 11.7 | < 6.9  | < 12   | 22.1  | < 16.9 | < 23.2  | < 18.3  | < 11.5  | < 8.4  |
| Ammonia (lbs/day)<br>Average Monthly             | < 0.001 | 0.004  | 0.005  | 0.007  | 0.009  | 0.002  | 0.001 | 0.004  | < 0.002 | < 0.002 | < 0.002 | 0.0008 |
| Ammonia (mg/L)<br>Average Monthly                | < 0.02  | 0.08   | 0.12   | 0.16   | 0.18   | 0.04   | 0.02  | 0.08   | < 0.06  | < 0.06  | < 0.05  | 0.02   |
| Total Phosphorus<br>(lbs/day)<br>Average Monthly | 0.05    | 0.01   | 0.009  | 0.01   | 0.009  | 0.007  | 0.01  | 0.009  | 0.008   | 0.005   | 0.003   | 0.002  |
| Total Phosphorus<br>(mg/L)<br>Average Monthly    | 1.04    | 0.31   | 0.18   | 0.26   | 0.17   | 0.14   | 0.2   | 0.18   | 0.2     | 0.13    | 0.08    | 0.05   |

Compliance History

Effluent Violations for Outfall 001, from: November 1, 2024 To: September 30, 2025

| Parameter      | Date     | SBC      | DMR Value | Units      | Limit Value | Units      |
|----------------|----------|----------|-----------|------------|-------------|------------|
| DO             | 11/30/24 | Inst Min | 6.0       | mg/L       | 6.2         | mg/L       |
| TRC            | 05/31/25 | IMAX     | 1.16      | mg/L       | .9          | mg/L       |
| CBOD5          | 03/31/25 | Avg Mo   | 21        | mg/L       | 14          | mg/L       |
| CBOD5          | 03/31/25 | Wkly Avg | 26        | mg/L       | 20          | mg/L       |
| TSS            | 03/31/25 | Avg Mo   | 21        | mg/L       | 20          | mg/L       |
| Fecal Coliform | 11/30/24 | Geo Mean | 860       | No./100 ml | 200         | No./100 ml |
| Fecal Coliform | 11/30/24 | IMAX     | 6300      | No./100 ml | 1000        | No./100 ml |

**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" (386-0400-001), SOPs and/or BPJ.

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

| Parameter                                     | Effluent Limitations                |                  |                       |                 |                 |                  | Monitoring Requirements                         |                      |
|---|-------------------------------------|------------------|-----------------------|-----------------|-----------------|------------------|---|----------------------|
|   | Mass Units (lbs/day) <sup>(1)</sup> |                  | Concentrations (mg/L) |                 |                 |                  | Minimum <sup>(2)</sup><br>Measurement Frequency | Required Sample Type |
|   | Average Monthly                     | Weekly Average   | Minimum               | Average Monthly | Weekly Average  | Instant. Maximum |   |                      |
| Flow (MGD)                                    | Report                              | Report Daily Max | XXX                   | XXX             | XXX             | XXX              | Continuous                                      | Metered              |
| pH (S.U.)                                     | XXX                                 | XXX              | 6.0<br>Inst Min       | XXX             | XXX             | 9.0              | 1/day   | Grab                 |
| DO  | XXX                                 | XXX              | 6.2<br>Inst Min       | XXX             | XXX             | XXX              | 1/week  | Grab                 |
| TRC   | XXX                                 | XXX              | XXX                   | 0.4             | XXX             | 0.9              | 1/day   | Grab                 |
| CBOD5<br>Raw Sewage Influent                  | Report                              | Report           | XXX                   | Report          | Report          | XXX              | 2/month   | 24-Hr Composite      |
| CBOD5<br>Nov 1 - Apr 30                       | 2.12                                | 3.0              | XXX                   | 14              | 20              | 28               | 2/month   | 24-Hr Composite      |
| CBOD5<br>May 1 - Oct 31                       | 1.06                                | 1.5              | XXX                   | 7.0             | 10              | 14               | 2/month   | 24-Hr Composite      |
| BOD5<br>Raw Sewage Influent                   | Report                              | Report           | XXX                   | Report          | Report          | XXX              | 2/month   | 24-Hr Composite      |
| TSS   | 3.0                                 | 4.5              | XXX                   | 20              | 30              | 40               | 2/month   | 24-Hr Composite      |
| TSS<br>Raw Sewage Influent                    | Report                              | Report           | XXX                   | Report          | Report          | XXX              | 2/month   | 24-Hr Composite      |
| Fecal Coliform (No./100 ml)<br>Oct 1 - Apr 30 | XXX                                 | XXX              | XXX                   | 200<br>Geo Mean | XXX             | 1000             | 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                 |
| E. Coli (No./100 ml)                          | XXX                                 | XXX              | XXX                   | XXX             | XXX             | Report           | 1/year  | Grab                 |
| Total Nitrogen                                | 3.77                                | XXX              | XXX                   | 25              | 50<br>Daily Max | 62.5             | 2/month   | 24-Hr Composite      |

Outfall 001, Continued (from Permit Effective Date through Permit Expiration Date)

| Parameter                 | Effluent Limitations                |                |                       |                 |                |                  | Monitoring Requirements                         |                      |
|---------------------------|-------------------------------------|----------------|-----------------------|-----------------|----------------|------------------|---|----------------------|
|                           | Mass Units (lbs/day) <sup>(1)</sup> |                | Concentrations (mg/L) |                 |                |                  | Minimum <sup>(2)</sup><br>Measurement Frequency | Required Sample Type |
|                           | Average Monthly                     | Weekly Average | Minimum               | Average Monthly | Weekly Average | Instant. Maximum |   |                      |
| Ammonia<br>Nov 1 - Apr 30 | 0.45                                | XXX            | XXX                   | 3.0             | XXX            | 6                | 2/month   | 24-Hr Composite      |
| Ammonia<br>May 1 - Oct 31 | 0.15                                | XXX            | XXX                   | 1.0             | XXX            | 2                | 2/month   | 24-Hr Composite      |
| Total Phosphorus          | 0.30                                | XXX            | XXX                   | 2.0             | XXX            | 4                | 2/month   | 24-Hr Composite      |

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING 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" (386-0400-001), SOPs and/or BPJ.

**Outfall 001, Effective Period: Startup of New or Upgraded Facilities through Permit Expiration Date.**

| Parameter  | Effluent Limitations                |                |                       |                 |         |                  | Monitoring Requirements                         |                      |
|--|-------------------------------------|----------------|-----------------------|-----------------|---------|------------------|---|----------------------|
|  | Mass Units (lbs/day) <sup>(1)</sup> |                | Concentrations (mg/L) |                 |         |                  | Minimum <sup>(2)</sup><br>Measurement Frequency | Required Sample Type |
|  | Average Monthly                     | Average Weekly | Daily Minimum         | Average Monthly | Maximum | Instant. Maximum |   |                      |
| Ultraviolet light intensity<br>(mW/cm <sup>2</sup> ) | XXX                                 | XXX            | Report                | XXX             | XXX     | XXX              | 1/day   | Recorded             |

| Approve | Deny | Signatures  | Date              |
|---------|------|---|-------------------|
| X       |      | <i>Vasantha</i><br>Vasantha Palakurti / Environmental Engineering Specialist  | December 11, 2025 |
| X       |      | <i>Pravin Patel</i><br>Pravin C. Patel, P.E. / Environmental Engineer Manager | 12/12/2025        |